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**2018 CATALOG**

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# Allworx® Verge™ IP Phones

A New Class of Mobile-First Business Phones



Verge is a new class of mobile-first business phones designed for today's workforce on the go. Share your personal contacts from mobile devices and Outlook with your Verge phone.

Instantly handoff active calls to and from your favorite mobile device and Verge phone. You can even remotely control your Verge phone from your mobile device.

Isn't it time your business phone is available whenever, wherever you need it?



Verge 9308



Verge 9312

Read more about the Allworx Communications Platform on pages 14 - 17 of this catalog or call 800-873-5528



# TARGET

## DISTRIBUTING



## **YOUR CONVERGED TECHNOLOGY RESOURCE**

In order to be successful in 2018 we're all going to have to work harder and smarter. We at Target are working harder every day to make sure that we have the products you need, when you need them and at prices that can only help your bottom line. We're working smarter by adding vendors whose products are in step with today's convergence of voice, data, video and our increasing reliance on the internet. We've also added many new products you've told us you need as well.

This catalog contains the newest products from the industry's leading manufacturers of Telecom, Security, Datacom, Conferencing and Audio/Video. Since 1975, Target has diligently searched the marketplace to bring you the products that you need at the best possible prices. Add to that our many programs providing both before and after the sale service and support and mutual success is guaranteed.

Teamed with our manufacturers, Target will help train you in the industries' newest technologies. Convergence means more opportunities and more profit for you in 2018 and beyond. Let Target show you how.

We will continue to work hard to earn your business every day and look forward to helping you with all your needs throughout the upcoming year and beyond. Let's grow together!

We sincerely thank you for your business,  
*The Target Distributing Team*

## **WHY TARGET SHOULD BE YOUR DISTRIBUTOR**

- Over 40 Years of To The Trade-Only Distribution
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## MANUFACTURER'S HELP NUMBERS

<b>Adtran</b> 888-423-8726	<b>IPitomy</b> 941-306-2200	<b>Phybridge</b> 888-901-3633
<b>Aiphone</b> 800-692-0200	<b>ITW Linx</b> 800-336-5469	<b>Plantronics</b> 800-544-4660
<b>Allworx</b> 866-255-9679	<b>Jabra (GN Netcom)</b> 800-826-4656	<b>Platinum Tools</b> 800-749-5783
<b>APC</b> 800-555-2725	<b>JVC</b> 800-252-5722	<b>Polycom</b> 800-765-9266
<b>AT&amp;T Corded &amp; Cordless</b> 800-222-3111	<b>Keri Systems</b> 800-260-5265	<b>Powervar (ONEAC)</b> 800-327-8801 x3
<b>AT&amp;T Synapse</b> 888-916-2007	<b>Konftel</b> 866-606-4728	<b>RCI</b> 800-265-6630
<b>Bogen</b> 800-999-2809	<b>Konexx</b> 858-537-5010	<b>Siemon</b> 860-945-4200
<b>Brother</b> 800-543-6144 Opt. 3	<b>Lynn Electronics</b> 800-523-6075	<b>Signal Cable</b> 800-323-9355
<b>Clarity</b> 800-426-3738	<b>Middle Atlantic Products</b> 800-266-7225	<b>SonicWall (Dell)</b> 888-557-6642
<b>Clear2There</b> 405-605-8158	<b>Minuteman</b> 800-238-7272	<b>Sony Media</b> 305-260-7886
<b>Coleman Cable</b> 800-323-9355	<b>Mitel</b> 800-574-1611	<b>Speco Technologies</b> 800-645-5516
<b>Cortelco</b> 800-288-3132	<b>MOH Player</b> 877-269-9559	<b>Suttle</b> 800-852-8662
<b>Cooper/Wheelock (Eaton)</b> 800-631-2148	<b>Multi-Link</b> 800-535-4651	<b>Tripp Lite</b> 773-869-1234
<b>CyberData</b> 831-373-2601	<b>MultiTech</b> 888-288-5470	<b>UPS</b> 800-742-5877
<b>Ditek</b> 888-472-6100	<b>NEC Customer Service</b> 800-365-1928	<b>VTech</b> 800-595-9511
<b>Emerson Networks (EDCO)</b> 800-288-6169	-- SL1100/2100 Tech Support 800-852-4632 x8	<b>Valcom</b> 800-825-2661
<b>Engenius</b> 888-735-7888	-- SV8100/8300 Tech Support 866-884-0783 x1	<b>Vericom</b> 865-671-4455
<b>Ericsson-LG (iPECS)</b> 614-652-6500	<b>Orion Power Systems</b> 877-385-1654	<b>Vertical Customer Service</b> 408-404-1600
<b>Erico/Caddy</b> 800-333-0852	<b>On-Hold Plus/Intellitouch</b> 800-839-7277	-- Tech Support, Tier 1 866-884-0783 x3
<b>Federal Express</b> 800-463-3339	<b>Netgear Business Products</b> 855-776-7233	-- Tech Support, Tier 2 877-837-8422 x5
<b>Fluke Networks</b> 888-993-5853	<b>Peerless</b> 800-865-2112 x313	<b>Viking</b> 715-386-8861
<b>Fujifilm</b> 800-488-3854x567928	<b>Panasonic Customer Service</b> 800-211-7262	<b>Viking Fax Back Service</b> 715-386-4345
<b>General Cable</b> 859-572-8000	-- BTS Tech Support 888-713-2310	<b>Wavenet</b> 888-492-8363
<b>Great Lakes</b> 814-734-7303	-- Business Telephone Parts 800-833-9626	<b>Zultys Customer Service</b> 408-328-0450
<b>Greenlee</b> 800-435-0786	-- Repair 847-888-7000	-- Tech Support 866-884-0783 x2
<b>Hellerman-Tyton</b> 800-537-1512	-- Security 800-528-6747	
<b>Hitachi Cable</b> 800-772-0116		
<b>ICC</b> 800-993-3333		
<b>Intelligent Recording</b> 800-930-8135		



Thank you for choosing Target! We look forward to helping you with all of your Telecommunications, Datacom, Conferencing, Audio/Video and Security needs in the coming year. We're constantly evaluating new product lines, so if you don't see what you're looking for here – call us! Chances are we've got it, or can get it for you.

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Look For The Colored Tabs  
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Five Divisions Inside

**TELECOM**

**DATACOM**

**CONFERENCEING**

**AUDIO • VIDEO**

**SECURITY**

## LET TARGET BE YOUR TRUE VALUE-ADDED DISTRIBUTOR



### **BUSINESS-TO-BUSINESS CONVERGED PRODUCTS**

At Target, we offer the best selection of products for installers and value-added resellers with emphasis on the convergence of voice, data and video. We only sell to qualified resellers like you, so you don't need to worry that your customer shops at the same place you do! Need something in a hurry? No worry! We can get it to you next business day if you place your order by 4:30 PM EST.



### **TRAINING, TRAINING AND MORE TRAINING**

In this era of constant technological change, we stay on top by undergoing constant training directly from the manufacturers we represent. And we offer the same training to you in our in-house conference and training facility, via video-conferencing and the Internet so that you and your business can grow with us. But it doesn't stop there—during the course of the year we host many classes that result in dealer certification in higher levels of technology. At Target no dealer is left behind.



### **WE KEEP YOU UP-TO-DATE and INFORMED**

In addition to our Annual and Mid-Year Update Catalog mailings, we send out an informative 4-page mailer bi-monthly that lets you know what's hot at that very moment and has a schedule of the training classes and events that are taking place at Target each month. And if you prefer getting your information electronically, we also make this available in Adobe Acrobat PDF format so it can be there in the click of a mouse. We also make the very catalog that you are reading available electronically as well, so go to [www.targetd.com](http://www.targetd.com) and download your copy.



### **LET US BE YOUR WAREHOUSE**

One of the many value-added services we perform for our dealers is to act as their warehouse and ship their orders directly to their customers. These "blind shipments" arrive at their customer's location with their return address labels affixed to the package. As far as the customer is concerned the shipment came directly from their dealer – not Target! Just provide us with a supply of your pre-printed return address labels and we'll be your warehouse too.



### **LET OUR VIDEOCONFERENCING EXPERTISE WORK FOR YOU**

Videoconferencing is one of the hottest technologies happening today and it requires a certain level of technical expertise and investment in infrastructure so as to properly demonstrate the benefits these products have to offer. We have both, so when you identify a videoconferencing prospect let us come along as your partner. We can arrange the necessary demonstration and once sold, arrange for installation anywhere in the country. Don't get left behind!



**LET TARGET BE YOUR TRUE VALUE-ADDED DISTRIBUTOR****BUYING FROM TARGET IS BUYING SMART**

At Target, our Sales Associates aren't just order takers but advisors who make certain that you get the correct products for your application. All have attended a regimen of training classes and have achieved various certifications from the manufacturers whom we represent. Before the sale they'll help you properly design and configure the products you need for your circumstances and after the sale they'll be there to make sure that your questions are properly answered. When you buy from Target you're not just buying a box—you're buying the company and all of its resources!

**CREDIT? YOU SAID IT!**

In business, timing is everything! That being said in order to make sure you get the goods and services from Target when you need them we offer interest-free Net 30 terms to dealers who qualify. Call us today to open your account!

**LEASE IT**

Why tie up your credit line when you can lease it! Call for details today!

**IT'S IN YOUR IN-BOX**

We send out timely and informative email blasts on a regular basis to let you know the very latest from the vendors we represent, technical updates and special values that come first to those who are connected to us. So make sure you set your email preferences to allow our messages; you'll be glad you did!

**GOVERNMENT SALES**

Are you a Federal Agency, a State or Local Government or Educational Institute? A large number of the manufacturers we represent offer their products on various GSA Schedules through Target. We also accept Government credit cards. Call for complete schedules available.

**WILL-CALL OVER-THE-COUNTER SALES**

Doing an install today in the Greater Washington, DC metropolitan area and suddenly find that you're missing some of the items you need? No problem! Just give us a call and we'll have the items you need waiting for you at our will-call counter! Who said there's no such thing as instant gratification?

**NEED IT? WE'VE GOT IT OR WE'LL GET IT!**

At Target, we carry thousands of items from over 125 of the best manufacturers in the industry! But even if we may be temporarily out of the product you need, no problem! We've made arrangements with our vendors to drop-ship the items you need directly to you – often in less time than it takes to re-supply. And if the item you're looking for is something we don't ordinarily carry, as long as they have it available we can special order it for you. Call for details!



# TECHNICAL SUPPORT



## UNSURPASSED TECH SUPPORT

Target's in-house Technical Support Group shares over 75 years of telecommunications experience and holds a variety of certifications, enabling us to provide excellent Level 1 technical support for our customers. Our Technical Support Staff is another of Target's value-added services and are available for both pre-sale configuration assistance as well as post-sale installation help. We have the knowledge and product lines to help our resellers win jobs and increase profitability. *Time is money. Let us help you save both!*



### ALLWORX

- 6X & 48X Series
- Connect Family Series



### NEC

- SV8100
- SV9100



### VERTICAL

- Vertical SBX IP
- Vertical MBX IP
- Vertical Summit
- Vertical Summit 800



### ZULTYS

- Zultys MX-E
- Zultys MX250
- Zultys MX-SE
- Zultys MX-Virtual
- Zultys Hosted



### To contact Target's Technical Support Group:

1. Call **866-884-0783**

2. Follow the appropriate prompts for your situation

**The Technical Support Group is available to Target's Customers Monday through Friday from 8:00 AM to 5:30 PM Eastern Time**

**New – Zultys Support Now Available from 8:00 AM to 8:00 PM for our West Coast customers!**

Not every installation goes as smoothly as you'd like, that's why we're here to help you answer those Level 1 questions.

## CONTINUING EDUCATION & CERTIFICATION

Technology never sleeps and at Target neither do we. In order to help keep you and ourselves current on all of the latest trends in converged technology we offer continuing education on a number of the most important developments. These classes are held in our state-of-the-art training facility located in Germantown, MD on a regular basis.

In addition to ongoing training, we also offer in-house certification for a number of the lines we carry so that you can become authorized to buy, sell and install the products that your customers need.

Our goal is to be your one-stop "Convergence Products" supplier. Today's technologies are now so interrelated that successful integrators, VARs and interconnects must be able to offer complete solutions. Those that remain limited in their product and solutions offerings and knowledge base run the risk of losing out to their converged competitor. Are you currently selling phone systems only? Let us teach you the security business. Are you installing the security system in that new building? Let us help you win the phone system sale as well as the routers and switches needed for IP Telephony these days. And don't forget adding video-conferencing with your flat panel HDTV installations, too.



### ALLWORX

- Allworx Training
- Allworx Certification

### ZULTYS

- ZCSS Certification
- ZCSE Certification

### IPECS

- System Training

### PRODUCT

### INTRODUCTIONS and REFRESHERS

- On-Site and Web-Based Training During the Year

### ICC

- Technician Training and Certification

### NEC

- SL2100 Training
- SV9100 Training

### VERTICAL

- MBX IP Training and Certification
- Summit Webinars

**6 CALL YOUR TARGET SALESMAN TODAY FOR THE LATEST SCHEDULE OF EVENTS**

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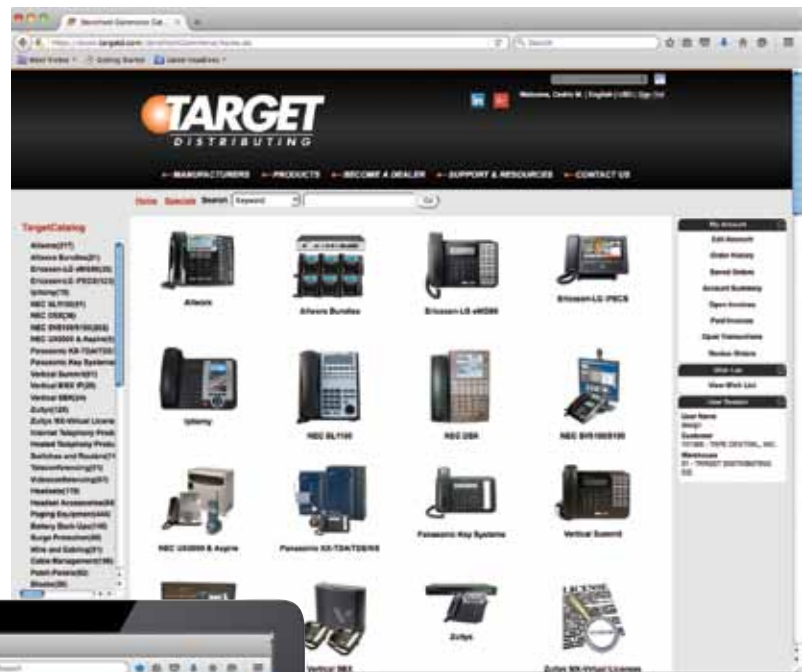
**BOOKMARK US TODAY!**

We are gratified by the positive response that our refreshed website has garnered by the most important people on the Internet – you, our customers.

Visit [www.targetd.com](http://www.targetd.com) and you'll be greeted with an easy to navigate home page that provides a wealth of information about us and the large selection of products we carry and manufacturers we represent.

You'll also be able to learn about Target University, see our schedule of upcoming classes at a glance, and access our large resource library of updated and downloadable brochures and spec sheets.

And don't forget – you can log-in to our secure [on-line web store](http://www.targetd.com) and order anytime!



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**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## AWARD-WINNING IP TELEPHONY AND UNIFIED COMMUNICATION FOR ALL YOUR BUSINESS NEEDS

Zultys is the global provider of a true all-in-one unified communications solution. Innovative, reliable and scalable, Zultys IP phone systems integrate voice, video, data and mobility — in a single premise based appliance or in the cloud— to optimize collaboration for businesses of all sizes. Zultys delivers a powerful, feature-rich communications system that is easy-to-use, deploy and maintain.

### User Bundles

These user bundles are available for purchase on MX-SE, MX-E, and MXvirtual. There are different part numbers for initial system order and for subsequent add on orders for existing installations, with the initial purchase price offering customers a significant discount. Additional features not included in the bundles are sold separately on a per user basis.

- 90-16073** Standard User: New System Order - Includes User License / Zultys Mobile Communicator
- 90-16075** Premium User: New System Order - Includes User License / ZAC-MXIE / Outlook Communicator / MXvideo / FAX / MXconference / Zultys Mobile Communicator
- 90-16074** Contact Center - (ICC): New System Order - Includes Premium User / ICC License for Agent or Supervisor / MXreport - Call Center Edition
- 90-16073-M** Standard User: Add On Order - Includes User License / Zultys Mobile Communicator
- 90-16075-M** Premium User: Add On Order - Includes User License / ZAC-MXIE / Outlook Communicator / MXvideo / FAX / MXconference / Zultys Mobile Communicator
- 90-16074-M** Contact Center - (ICC): Add On Order - Includes Premium User / ICC License for Agent or Supervisor / MXreport - Call Center Edition



### MX-E Enterprise-class IP Phone System

MX-E enterprise-class IP phone system is available in three different models; the base MX-E model supports 300 users, while the MX-E+ can support up to 1000 users, and the MX-E++ is designed to accommodate businesses with up to 2000 users on a single appliance. The unit combines powerful UC functionality and high quality voice calling all in a single IP-PBX platform, featuring T1/PRI support and up to 300 SIP trunks on the base model, with the MX-E+ supporting 1000 SIP trunks, and up to 2000 trunks on the MX-E++ model

#### Features:

- 17.3" x 18.1" x 3.46" (440 mm x 460 mm x 88 mm)
- Three expansion slots for T1/PRI/E1, Dual T1/PRI/E1, FXO 8, FXO 4, FXS 8, FXS 4
- Connect directly to SIP based ITSP to reduce call costs
- Based on open standards: SIP, Linux, VoiceXML, TAPI, SQL
- Efficient design reduces energy consumption
- LCD display with 4 navigational buttons
- Redundancy for major components such as power supplies, cooling fans and storage drives

- 90-07000** Stand-alone MX-E
- 90-07100** Stand-alone MX-E+
- 90-07200** Stand-alone MX-E++

### MXvirtual™ IP Phone Systems

MXvirtual is a fully integrated unified communication solution and IP phone system in a VMware® Ready virtual environment. Innovative, reliable and scalable, MXvirtual integrates voice, video, data and mobility, to optimize collaboration and communications for businesses of all sizes.

#### Purchase Options

- 90-16099-V** MXvirtual instance - no licenses included
- 90-16001-V** MXvirtual instance - 20 User Licenses only

### MG4/MG8 & MG24/MG48 Analog-SIP Gateways

These analog to SIP gateways let companies support or add standard analog phones to their Zultys solution, and can be deployed into remote locations over SIP to provide full system connectivity. For use only with MX series of IP phone systems.

- 90-04460** MG4/S:SIP Gateway/4 circuits of FXS MKII
- 90-04470** MG4/O:SIP Gateway/4 circuits of FXO MKII
- 90-04810** MG8/S:SIP Gateway 8 circuits of FXS MKII
- 90-04820** MG8/O:SIP Gateway 8 circuits of FXO MKII
- 90-04830** MG8/SO (4 FXS/4 FXO)



- 90-04250** MG24/S: H/D SIP GW - 24 circuits FXS, MKII
- 90-04490** MG48/S: H/D SIP GW - 48 circuits FXS, MKII



### MX-SE IP Phone System

- The MX-SE supports up to 30 Trunks and 50 Users and can expand to support up to 10,000 users and 128 locations via MXnetwork™
  - 16" x 8 1/2" x 1 3/4" (401mm x 210mm x 44mm)
  - Single Universal expansion slots for E1, T1, PRI ISDN, and Analog FXO/FXS interface cards
  - Connect directly to SIP based ITSP to reduce call costs
  - Based on open standards: SIP, Linux, VoiceXML, TAPI, SQL
  - Efficient design reduces energy consumption
  - LCD display with 4 navigational buttons
- 90-06000** Stand-alone MX-SE

### MXnetwork™ Option for Zultys MX Series of IP Phone Systems

- Multiple premise or virtual MX systems interconnected over IP to form a single company-wide unified communications system
  - Support thousands of users at up to 128 locations
  - Global presence, toll bypass site-to-site calls, secure communications and interactive collaboration across the entire network
  - MXnetwork Redundancy provides automatic cross-site failover for IP Phones, UC clients, and Call Groups/Contact Centers
- 90-15473** MXnetwork Redundancy License  
**90-15479** Upgrade from MXnetwork to MXnetwork Redundancy License

### Rental Options User Bundles

- 90-16003-V** Standard User (User License, Zultys Mobile)
- 90-16005-V** Premium User (User License, MXIE, Outlook Communicator, MXvideo, Zultys Mobile)
- 90-16004-V** Contact Center User (User License, MXIE, Outlook Communicator, MXvideo, Zultys Mobile, ICC License for Agent or Supervisor)



## ENDPOINTS

### ZIP 47G 90-0947G

- Full-duplex speaker phone
- PoE only, no AC adapter provided
- 480x272 color display
- LDAP contact directory access
- Can receive instant messages from ZAC and MXIE
- Via optional adapters supports Bluetooth headsets and Wi-Fi directly from the phone
- 27 LCD labeled programmable soft keys
- Dual Gigabit Ethernet ports • Electronic Hook Switch support • Busy Lamp Field (BLF)
- XML Browser • MXnetwork SIP Redundancy support



### ZIP 36G 90-0936G

- Full duplex speakerphone
- 3.7" 240x120 pixel backlit LCD
- Dual Gigabit Ethernet ports
- 21 programmable LCD labeled keys
- 4 context sensitive soft keys
- Local 3-way conference
- Dedicated headset port with EHS support
- Busy Lamp Field (BLF)
- XML Browser
- Paging and Intercom auto-answer
- MXnetwork SIP Redundancy support



### ZIP 33G 90-0933G

- Full-duplex speaker phone
- Dual Gigabit Ethernet ports
- 132 x 64 pixel backlit display
- 6 programmable keys
- 802.3af Power-over-Ethernet
- Busy Lamp Field (BLF)
- Dedicated headset port
- LDAP directory access
- XML browser
- Wall mount kit included
- MXnetwork SIP Redundancy support



### ZIP 340M 90-09340

- LCD Expansion Module compatible with ZIP36G
- 160 x 320 pixel graphical backlit LCD
- 38 programmable keys (1 page x 20 keys, or 2 pages x 19 keys)
- Up to 6 expansion modules may be daisy chained per phone (Phone and system limits apply to the maximum number of BLF keys)



### ZIP 440M 90-09440

- LCD Expansion Module compatible with ZIP 47G
- 160 x 320 pixel graphical backlit LCD
- 40 programmable keys (2 pages x 20 keys)
- Up to 6 expansion modules may be daisy chained per phone (Phone and system limits apply to the maximum number of BLF keys)



## ZULTYS CLOUD SERVICES



**Zultys Cloud Services** is a fully-hosted turnkey Unified Communications as a Service (UCaaS) solution. Your communication system is hosted in Zultys' state-of-the-art data centers that are fully redundant and supervised around the clock.

With Zultys Cloud Services, you get secure and reliable, enterprise-class service without the enterprise-class cost. We put everything in the cloud, so there is less to manage, and it is "future proof" with additional features and functionality immediately available as developed. No more new phone system every five to seven years. This could be the last phone system you'll ever need!

Zultys Cloud Services offers the exact same feature set as all the other MX Series IP Phone Systems, but with the added convenience of a hosted solution. There are no up front investments and you only pay for the services and features you need on a per-user basis. You can easily add users and functionality as your business expands.

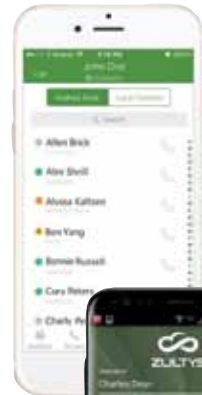
- With Zultys, you will be selling applications that improve productivity.
- You can deploy a platform that allows the different generations in each organization to communicate with the technology they prefer.
- You are given a service level agreement that shows 99.999% uptime on Zultys' cloud solutions.
- Multiple layers of redundancy with geographically dispersed data centers.
- Virtual instance per customer that gives a higher level of security and customization.

Ordered through Zultys SaleStream Portal. Contact your Target Representative to learn about becoming a Zultys Agent and to schedule a 1 hour demo.

## ZULTYS MOBILE COMMUNICATOR

### Zultys Mobile Communicator™

Zultys real-time mobile Unified Communications and teleworker solutions allow mobile and remote workers to access the corporate Voice and Unified Communications system quickly and easily no matter where they are. With Zultys Mobility your team can cooperate as a single integrated unit regardless of whether they are sitting in the same room or are working in different parts of the world.



- Available on iOS or Android devices
- Mobile presence and instant messaging
- Visual Voice Mail access and management
- Team Messaging
- Single number contact
- Least cost routing
- Corporate directory and phone system access
- Email integration
- System level call hold and transfer
- Contact Center Agent functionality
- Send and receive fax messages (Android only)

Included in All User Packages

LET THE EXPERTS AT TARGET HELP GET YOU ZULTYS CERTIFIED

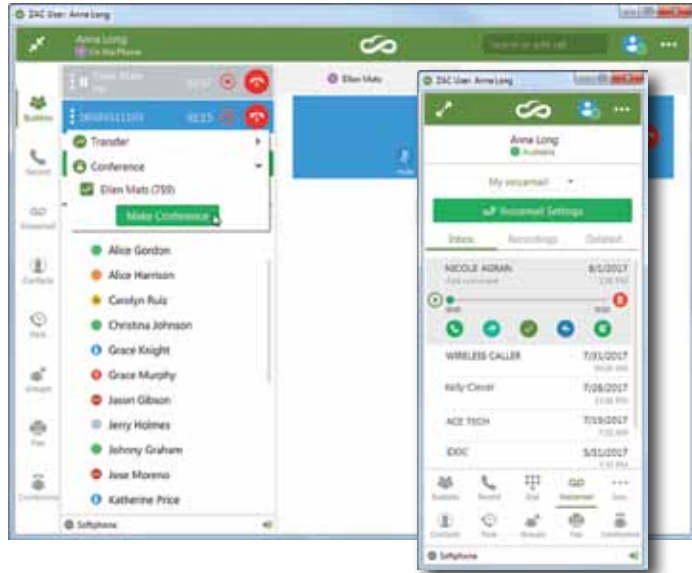
TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494

# IP TELEPHONY

## Zultys Advanced Communicator - ZAC

ZAC is a new Unified Communications/Collaboration client that brings power and ease of use to help teams collaborate more efficiently. ZAC combines standard call control and real time status with team collaboration to simplify and enhance team communications.

- Available on Windows and Mac
- Presence, instant messaging, voice mail, and contacts
- Team messaging insures teams are "always on" and all members have access to team information anytime
- Send and receive FAX messages from within ZAC, eliminating the need for clunky FAX machines while simultaneously saving on paper
- On-demand Call Recording
- Schedule conferences and collaborative online meetings right from the ZAC screen
- Integrated with Microsoft Outlook
- Full screen mode
- Call group support for Agents
- Drag-n-drop call control actions



Included in the Premium User and Contact Center User Bundles



## Zultys Outlook Communicator™

With Zultys Outlook Communicator you have full call control and can phone your contacts directly from Outlook. This product conveniently synchronizes Presence with your Outlook calendar, allowing it to be changed directly from Outlook. These features bring tighter integration between the Zultys UC platform and the Microsoft messaging platform.

- Click-to-call and full call control from within Outlook
- Presence synchronized with Outlook Calendar
- Screen pops for Outlook contacts
- Login to Operator and Call Group roles and select role to make an outbound call from

Included in the Premium User and Contact Center User Bundles

## Integrated Contact Center

Configuring and managing the contact center, be it for a single site or across multiple locations, is simple. All aspects of the system are managed from MX Administrator, the same graphical interface used to maintain all aspects of Zultys' all-in-one unified communication solution.



- Advanced Call Routing based on real-time ICC activity
- Call Recording full-time and on-demand
- **Superview™**: Real-time call monitoring & statistics for multiple ICC Groups in a single window
- Fully customizable Wallboard for real-time ICC group analysis
- Customizable music-on-hold & in-queue messages by ICC Group
- Position in queue & expected wait time announcements • Caller Quit Queue options with Call Back Queuing
- Call Attached Data (CAD) for customizable Agent Scripts, wrap up/exit codes, and more
- Multiple Reporting options – CDR Reporting, MXreport™ CDR, and MXreport™ Contact Center Edition
- Fully integrated fax server option available



Included in the Contact Center User Bundles

## MXmeeting™ Web Conferencing

MXmeeting™ is a web-conferencing platform that fully integrates with the Zultys MXIE and ZAC Unified Communications clients. You can launch a multi-party web or video conference with the touch of a button from your Mac or PC.

MXmeeting integrates into your network and allows attendees to join a collaborative web conference without even having special software installed on their computer. Click to start an interactive Web-Conference, seminar or remote desktop support with real-time webcam video. Available as a single-purchase on-premises solution or as a hosted offering with a monthly payment plan.

- Web conferencing
- Webcam server - up to 30 webcams can join in for live video interactive conferences
- Web seminar
- Remote support
- Remote access



- 90-08200** M200 (2 Rooms, 10 users)
- 90-80001** Additional M200 Meeting Room (up to 4 max)
- 90-80005** Additional concurrent M200 user (up to 20 max)
- 90-08500** M500 (5 Rooms, 20 Users)
- 90-80002** Additional M500 Meeting Room (up to 20 max)
- 90-80006** Additional concurrent M500 user (up to 100 max)

## MXconference™

The MXconference private audio bridge service feature for Zultys IP phone systems provides a high quality, affordable alternative to external audio conferencing services. MXconference is fully integrated with the MXIE and ZAC Unified Communications clients, and uses a simple management window to schedule, manage and launch audio conferences through basic point-and-click commands— whether they are "on demand" or planned weeks in advance.

- Requires no additional hardware
- Scale to 30 participants on MX-SE. Up to 100 on MX-E. 256 with MXvirtual, MX-E+, and MX-E++

Included in the Premium User and Contact Center User Bundles.

Additional conference participant licenses available:

- 90-81001** Single MXconference Voice Participant License
- 90-81002** 5 MXconference Voice Participant Licenses

## Success with Zultys - Read a Testimonial of Zultys Channel Partner The Brookfield Group, LLC



The Brookfield Group is a managed technology service provider headquartered in Carmel, Indiana, just north of Indianapolis, with a second office in St. Louis, Missouri. Founded in 1987, the company mission has always been to deliver safe, secure and innovative technology solutions to their customers. The Brookfield Group serves as

"Digital Transformation Agents" for their clients, enabling them to adjust their business models to better compete within the complexities of a digital economy. From, desktops support, cloud hosting, and voice-over IP (VoIP) to disaster recovery and business continuity, The Brookfield Group offers a wide variety of services customizable to fit the client's size and objectives.

### Why Zultys?

The Brookfield Group became a Zultys Channel Partner in 2010. "We were selling multiple competitors to Zultys in 2010, but concerns of stability and long sustainability with the transition to VoIP in the telecommunications industry, made us consider Zultys," said Fadi Abdallah, CEO, The Brookfield Group. "After implementing several Zultys Systems in 2010 and 2011, we made the strategic decision to leverage Zultys as our go-to-market partner." Zultys' solid product, great support and competitive pricing meant that Brookfield Group did not regret their decision.

### Who Are the Zultys Customers?

Over the years selling Zultys, the Brookfield Group has built an extensive list of clients who enjoy the benefits of Zultys solution in various verticals with business size ranging from 3 employees to 3,000. "The number of features available for the price point sets our solution apart from competitors when we enter in a bid," Abdallah explained.

Among Brookfield Group's many Zultys customers is a relocation service and consulting company with nearly 50 offices throughout the United States. This client continues to grow at an exorbitant rate and with Zultys, adding new locations is as simple as securing numbers, ordering the phones and appropriate user licenses, programing and shipping equipment to the client to plug in. A new office can be up and running within a week.

Another client is a large nursing company with 19 sites networked together. "We were able to consolidate their sites together on a single platform and provide them a single invoice for their systems and telephone lines," said Abdallah. "The Zultys solution cost justified itself shortly after implementation."

For a manufacturing company with multiple sites that required network resiliency and survivability, the Brookfield Group was able to leverage the Zultys internal development department to write a custom application to specifically address this customer's needs. This differentiated the Zultys partner from all competitors in the sales process and won them the deal.

In another case, for a Call Center that required Automatic Call Distribution, the Brookfield Group's team sold the Zultys solution for its enhanced feature set of: automatic call recording, archiving, customized call reports, IVR, mobility, sales force integration, wall board connectivity, and web conferencing. Installing a brand new Zultys phone system with all this functionality was less of a capital expense than upgrading the customer's current system to provide these features. Zultys delivered a turnkey solution for the call center and provided the customer with all of the tools they wanted at an affordable price point.

### What About Zultys Products?

Zultys systems are Linux-based with built-in session board control—which means the product is both reliable and secure. The solution is intuitive and easy to deploy, without the need for bulky third-party applications or multiple servers. Abdallah and his team describe the Zultys solution as a solid product, with great support, and competitive pricing. And to top it off, the system is exactly the same whether implemented on premise or deployed as a cloud-based solution; making this a truly innovative and flexible option to meet the needs of any business. "Zultys is simple for our end user to use and understand and efficient for our team to implement and support," said Abdallah.

### How Do You Like Working with Zultys?

The Brookfield Group get regular support from their regional sales director, with in-person visits once a quarter and regular scheduled calls for status updates and general support. "The Sales support from Zultys is fantastic," said Abdallah. "The Zultys team is always willing to work with us to help secure and maintain customers. Whether it means a lunch and learn for prospects, coming to a product demo, escalating support when our team encounters something new, they are always there for us."



**Fadi Abdallah**  
CEO and Founder

Fadi founded The Brookfield Group in 1987 when he saw the need for business's to truly start leveraging technology. In 2001, Fadi made the strategic shift in the business model from project based and break-fix work to a recurring service model, helping customers better manage their technology spend and setting him apart in the industry.



**Bill McCormick, III**  
VP of Sales

joined the Brookfield Group in 2016 when his company Ideacom Midwest was acquired by The Brookfield Group. Bill has over 20 years experience in the telecommunications industry.



**Daniel Abdallah**

**CTO**, joined The Brookfield Group in 2015 after Graduating from Purdue University with a degree in Electrical Engineering. Daniel leads the technology roadmap & technical services teams for The Brookfield Group.



**Abby Warner**

**COO**, joined The Brookfield Group in 2014 as the COO. With 15 years experience in the consulting and technology industries, Abby and her team manage business operations, vendor and existing customer relationships.





## Success with Zultys - Read a Testimonial of Zultys Cloud Services Agent R&R Voice and Data, Inc.

R&R Voice and Data, Inc. is headquartered in Hatfield, PA, in the suburbs of Philadelphia. As a proven, trusted and experienced full service low voltage and telecommunications contractor, R&R Voice and Data has been providing enduring quality and value throughout the greater Philadelphia area since 1999. At R&R Voice and Data, Inc. the core team has over 50 years of experience in the telecommunication industry and have put a large focus in the past couple of years into the education of networking and the inevitable move to VoIP.



Ray Miller started his career in telecom at his uncle's company J&B Communications, Inc, located in Ottsville, PA over 30 years ago. He started R&R Voice and Data, Inc. in 1999. In 2006, R&R Voice and Data purchased his old company. As a proud owner and president of his company, he believes key to success is to emphasize the needs of the company, their employees and customers to stay ahead of the game. "I take great pride in the success of R&R Voice and Data, Inc. and owe a great deal of this success to the awesome people that I work with, my wife, my employees and the exceptional partners we continue to work with such as Target Distributing and the Zultys team!" said Miller, "I look forward to another 30 years and the opportunities technology offers us all!"

### Why Become a Zultys Agent?

Miller was introduced to Zultys by Michael Jordan at Target Distributing two years ago. It was Target's confidence in Zultys, as well as the professionalism of the Zultys representatives, that first convinced him and his team to consider becoming an agent for Zultys Cloud Services. But what really set Zultys apart from the other hosted offerings on the market is Zultys' providing each customer their own "instance", rather than having customers essentially "share" their phone systems by deploying more than one customer's system on the same instance. Zultys' architecture ensures that each customer has their own private phone system in Zultys' state-of-the-art data center. This approach offers increased security and provides enhanced reliability and flexibility for each individual end user.



### Who Are the Zultys Customers?

Zultys appeals to customers that are looking for newer technology and most importantly mobility. According to Miller these are people in search of "a product that is both cost effective, easy to use and offers advanced presence and mobility features." R&R Voice and Data sold a Zultys Cloud Services solution to a multi-location legal office with 45 seats, over 100 DIDs and a mix of ZIP 33G and ZIP 36G phones with over \$1,000 MRC.

### What About Zultys Products?

Miller explains that with Zultys "the need to be in the office to be connected is no longer an issue." It is the robust mobile capability of the Zultys solution that wins deals the most for R&R Voice and Data.

Another major plus for the product line is how easy it is to set up. For their Agent program sales, Zultys pre-configures the phones before sending them to customers. Miller described it as "plug and play" — all the end user has to do is connect their phone to the network and they are ready to make and receive calls



### How Do You Like Working with Zultys?

After selling a Zultys solution, R&R Voice and Data works with the Zultys CloudDesk team to collect information for porting numbers and configuration of the system. "We generally work with Wayne and have had a pretty good experience with him," said Miller. "He certainly works diligently, is accountable and cares about what he does." Miller is excited about the recent additions to the CloudDesk team, more support team members on staff to answer customer questions and train new Zultys users.

When asked about working with Zultys sales team, Miller said: "I have nothing but positive things to say about Justin Bush, Len Bachman, Patrick McCarthy and Kevin Murphy. Their response time whenever there is a need or an issue is exceptional."

## Success with Zultys - Read a Testimonial of Zultys Channel Partner IDeACOM of Central North Carolina



IDeACOM of Central North Carolina, Inc. is located in Greensboro, North Carolina. IDeACOM is a Business Telephone and IT Company. They provide state of the art Telecom Products and has ranked among the top dealers within IDeACOM Nationwide. IDeACOM of Central North Carolina, Inc. was opened in 2003.



**John Thomas, President**  
University of Notre Dame Graduate, spent over 35 Years in the Telecommunications business and has worked with the following companies: Xerox, IBM and Executone.



**Brad Ader, Vice President**  
MIT Graduate, has over 25 years of Telecom Technical experience and started his career with Bell South and was the Vice President of Operations for CBI Telecom Nationwide.

### Why Zultys?

IDeACOM of Central North Carolina is a long time Zultys Channel Partner that first sold Zultys in 2007. Zultys was the only product on the market that could offer voice, UC, Call Recording, Fax, Conferencing, SIP Trunks, IVR and more, all in a single box. "All of the competitor's voice servers could not add all of these capabilities and applications into one server," said John Thomas, President of IDeACOM of Central North Carolina. "Competitors would have to add a server for each application. You would have: an Applications Server, Fax Server, Call Recording Server, IVR Server, Dialer Server, etc. You have to also pay for backup capability for each server monthly. Meanwhile, Zultys is only a one server backup on a monthly IT Managed Contract!"

A big benefit of Zultys is its flexibility; depending on what the customers' needs are and what they are trying to accomplish, the same communication solution can be deployed in different ways. Brad Ader, Vice President of IDeACOM of Central North Carolina explained: "If a customer wants a Zultys MX Server and depreciates it as an asset over time - they can! If they want to install it into their own VMware environment - they can! If they want to install it into their Microsoft Hyper V environment they can! Lastly, if they want to go into the Hosted Model - they can and they can then write the monthly payments as off-balance sheet in their books! All four of these solutions are the exact same software and from a technical standpoint there is no extra technical training once you certify on one of the above solutions! Very Nice!"

### Who Are the Zultys Customers?

IDeACOM of Central North Carolina's average customer has more than 100 users. Zultys is an ideal solution for end users with multi-site connectivity needs, allowing businesses to collaborate effectively across multiple locations without breaking the bank. "Zultys is very price competitive and has taken our company to another level," said Thomas. "This product has allowed our Franchise office to be ranked number 1 or 2 out of over 130 offices nationwide." Zultys' all-in-one architecture eliminates the need to purchase separate individual servers for each advanced feature that the customer needs. The built-in SIP functionality is another huge cost saving and a differentiator when picking between Zultys and a competitor.



IDeACOM of Central North Carolina deployed a Zultys solution at a buying and marketing organization with estimated sales of over \$18 million, headquartered in Winston-Salem, NC. They had several locations using separate phone systems with over 100 users between North Carolina and Louisiana, while about 25 employees across the nation worked from home. They wanted to integrate all the diverse systems into a single solution to streamline communications between the team. The end user had very complex MPLS configuration and had trouble integrating the employees who worked from home. "Because Zultys system has native SIP in place, we simply assigned new SIP Trunks to the home users and forwarded the MPLS numbers to the SIP Trunks, until the MPLS was properly programmed by the carrier about a month later. They loved it!!" said Thomas.

### How Do You Like Working with Zultys?

The team at IDeACOM of Central North Carolina love working with the Zultys support team, Michael Jordan and his technical support group at Target. They work extensively with their Zultys Regional Sales Director, Greg Butler for sales support. "Greg Butler is the best!" Ader said. "He always helps us with everything that is needed to make it easy for us to market the Zultys products and to WIN SALES!"



## Meet Allworx® Connect™ The VoIP Communication Platform for the Future

Allworx Connect, our third-generation family of VoIP communication systems, has good looks and serious specs in one compact package. Allworx Connect features faster processing power with a high-speed solid state storage subsystem, bank-grade HTTPS encryption for access security, interoperability with the latest VoIP standards used by major carriers, native Gigabit Ethernet interfaces with VLANs, and a compact design (wall- and rack-mountable).



**Connect 731**

- Up to 180 users<sup>1</sup>
- 60 concurrent external calls
- 2 FXO ports
- 1 T1 port<sup>2</sup> • 3 network ports



**Connect 536 and 530**

- Up to 50 users<sup>1</sup>
- 30 concurrent external calls
- With or without 6 FXO ports
- 3 network ports



**Connect 324 and 320**

- Up to 20 users<sup>1</sup>
- 12 concurrent external calls
- With or without 4 FXO ports
- 2 network ports



**Px 6/2 Expander**

- Add extra CO lines
- 6 FXO and 2 FXS ports
- Up to 3 units can be attached to 731, 536 & 530
- 1 unit can be attached to 324 & 320

1. Expansion user license key(s) are required above the base users. 2. Requires an additional software license key.

### Standard Features Included with Every Allworx Connect System

- VoIP with integrated SIP 2.0
- Plug-and-play remote IP phone support
- Voicemail-to-email
- 7 presence settings
- Customized call routes with unlimited options
- Auto Attendants
- Secure web administration
- My Allworx Manager for end-users
- Hot desking
- Door relay
- 10 paging zones
- And many more...

## Allworx® IP Phones

### A New Class of Mobile-First Business Phones

Allworx Verge IP phones boast industry's first-and-only features that complement the mobile experience for today's modern workforce. Verge IP phones allow you to access personal contacts from your mobile devices and Microsoft Outlook, instantly hand off active calls to and from your mobile devices, and remotely control it using your mobile device.



**Verge™ 9312**

- 12 self-labeling programmable function buttons
- 4.3" color display
- Bluetooth® wireless support
- Full duplex speakerphone
- HD audio
- Gigabit Ethernet
- Support for up to three Verge 9318Ex Expanders



**Verge™ 9318Ex Expander**

- 18 self-labeling programmable function buttons
- 4.3" color display



**Verge™ 9308**

- 8 self-labeling programmable function buttons
- 3.5" color display
- Full duplex speakerphone
- HD audio
- Gigabit Ethernet

## Allworx® PowerFlex™ Switches – Generation 2

### A Perfect Complement to Allworx Connect Systems

The Allworx PowerFlex family of managed switches is designed to simplify the Allworx installation in a complex network environment. Intelligently engineered to be the perfect complement to the Allworx family of VoIP systems, they provide a robust and reliable infrastructure for even the most critical requirements. And they now come with a **limited lifetime warranty**.



**PowerFlex G810 Generation 2**

- 8-port 10/100/1000 RJ45/PoE+ switch
- L2+ managed features provide easier manageability, robust security and QoS
- 2 combo GbE RJ45/SFP ports
- RJ45 console port
- DHCP server • IPv6/IPv4 static route; InterVLAN Routing
- 802.3at/af high power PoE; Standard PoE - total up to 130W
- Web GUI as well as industry standard CLI interface



**PowerFlex G2426 Generation 2**

- 24-port 10/100/1000 RJ45/PoE+ switch
- L2+ managed features provide easier manageability, robust security and QoS
- 2 combo GbE RJ45/SFP ports
- RJ45 console port
- DHCP server • IPv6/IPv4 static route; InterVLAN routing
- 802.3at/af high power PoE; Standard PoE - total up to 370W
- Web GUI as well as industry standard CLI interface



All of the products on this page require Allworx Dealer Certification in order to purchase. Call Target today and let us help you get your Allworx Dealer Certification so that your customers can benefit from powerful, easy-to-use IP products while you benefit from an enhanced bottom line for selling Allworx!



## Advanced Software Add-Ons

### Make Allworx VoIP Systems Work the Way Your Customers Work



**Allworx Reach™** extends the rich functionality of your Allworx VoIP communication system right to your iOS and Android devices.

- Transfer, hold, and park calls with a single touch.
- Make easy three-way calls.
- Access call history, see parked calls, and call into scheduled conference calls.<sup>1</sup>
- Search across Allworx system users and extensions, and personal mobile contacts.
- Check voicemail messages.
- Change presence setting.
- One single Reach license is included with every Allworx system so you can try it for free. Additional licenses can be purchased in one- or multi-license packs.



**Allworx Reach Link™** ensures a seamless voice experience, even as your mobile data network changes.

- Keep active Reach calls connected as you move from a Wi-Fi to a 4G cellular data network, and vice versa.
- Choose from several one-touch options to recover interrupted Reach calls in real time.
- Control the manual option to keep active 4G Reach calls on 4G regardless of the Wi-Fi availability.
- Reach Link is sold separately as a system-wide license.



**Allworx Interact™ Professional** is the ultimate call control dashboard, combining the ease of a PC-based interface with the high voice quality of the Allworx handset.

- Customize as you see fit – add separate windows for Dial Pad, Call History, Contacts, Current Calls, Parked Calls, and Outside Lines; or hide them when not in use.
- Enjoy one-click dialing, hold, transfer, park, and more.
- Make easy three-way calls.
- Search across Allworx system users and extensions, and your MS Outlook contacts.
- Quickly scan your colleagues' presence and status to see who's busy or available.
- Record individual calls or record all calls automatically.
- Automatically pop open third-party web applications (e.g., Salesforce.com) with incoming calls.
- Enable call center agents to log in/out of their queues, update their busy status, and quickly scan the queue status.<sup>2</sup>
- Interact Professional is available for Windows operating systems. One single Interact Professional license is included with every Allworx system so you can try it for free. Additional licenses can be purchased in single- or multi-license pack.



**Allworx Automatic Call Distribution (ACD)** manages queues and distributes incoming calls intelligently.

- Choose from four styles of call distribution: Linear priority, round-robin, longest idle, and ring all.
- Includes 10 defined queues with configurable depth.
- Programmable function keys (PFKs) on the agent phones enable easy queue log in/out and busy status update, and visually indicate alarms based on the predetermined queue thresholds.
- Supervisor can listen in on the agent calls using a PFK enabled on the supervisor phone.
- Set queue prioritization for when the agents are working multiple queues.
- Configure customized call routes based on various queue conditions (e.g., maximum wait time, queue is full).
- Access basic queue and agent statistics, and update queue settings from a web browser.
- Available for Connect 731, 536, and 530.
- Sold as a server-wide license.



**Allworx Conference Center** is a cost-effective voice conferencing solution that's easy and secure.

- Sold as a server-wide license — no per user fees.
- Schedule, modify, and monitor conference calls from the web-based My Allworx Manager.
- Conference calls are automatically secured with a unique conference call ID and password.
- Connect 731 supports up to 4 conference bridges for a maximum of 30 concurrent participants.
- Connect 536, 530, 324, and 320 support 1 conference bridge for a maximum of 8 concurrent participants.



**Allworx OfficeSafe™** is a FREE backup tool that protects all your Allworx server data and application files

- Back up an unlimited number of Allworx servers, with up to 10 servers transmitting data simultaneously.
- Schedule backups of each server independently at a time most convenient for each site.
- View the activity log for real-time progress and/or set up automatic email notifications.



**Allworx Advanced Multi-Site** unifies up to 100 Allworx locations to improve ease-of-use and employee collaboration.

- Connect up to 100 Allworx sites.
- Access a global directory.
- Enable extension dialing across all sites.
- Access global voicemail (e.g., forward voicemail to anyone in the global directory).
- Transfer and park calls across all sites.
- Share Auto Attendants across all sites.
- See presence settings for all users in the global directory.
- Access remote site trunks for rerouting external calls.
- Advanced Multi-Site Primary, Advanced Multi-Site Branch, and Advanced Multi-Site Upgrade are sold as a server-wide license. At least one server must be designated as the Primary in a multi-site network.



**Allworx View™ and View ACD** provide beautiful real-time dashboards and historical call activity reports for Allworx systems to help you make smart, data-driven business decisions.

- Stay on top of queues and agent performance in real time.
- Customize the dashboard using intuitive graphical charts, adjustable font sizes, alarm display options, and more.
- Create as many dashboards as you need with full access control.
- Choose from six intuitive call activity report templates with advanced data filters.
- Create, save, and share call activity reports on demand or auto-schedule them for email distribution.
- Easily export call activity reports to PDF or CSV files.
- Track call activity data for single- or multi-site Allworx deployments.<sup>3</sup>
- Manage the call activity data shown based on each user's permission level.
- Access reports and dashboards via any modern web browser on any device.
- Allworx View and View ACD are sold as server-wide licenses and run on Windows Server 2008R2 or higher. They require System Software 7.7.5.5 or higher, but the most current System Software is recommended for optimal use of the latest features and enhancements.
- View ACD requires both Allworx ACD and View software license keys.



**Dual Language Support** boosts your international and multicultural corporate presence.

- Companies with customers calling in multiple languages can now choose the option of providing voice prompts in two of the three languages offered.
- The system can be configured based on employees' preferred languages.
- You can even select individual CO lines or individual Call Appearances to play prompts in the secondary language.
- Two voice prompt languages can be chosen from the following options: English, Castilian Spanish or French Canadian. • One-time license fee. • Sold as a server-wide license.

1. Accessing scheduled calls via Reach is available to Allworx systems that have installed the Allworx Conference Center software license key.

2. Requires a separate Allworx Automatic Call Distribution (ACD) software license key. 3. To track calls across multiple Allworx sites, Allworx systems need to be configured using Allworx Advanced Multi-Site, and each Allworx system requires a View (and View ACD, if using) software key(s).



All of the products on this page require Allworx Dealer Certification in order to purchase. Call Target today and let us help you get your Allworx Dealer Certification so that your customers can benefit from powerful, easy-to-use IP products while you benefit from an enhanced bottom line for selling Allworx!

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## Allworx® Interact™ Professional & Interact Sync™

A Smart PC Companion for the Allworx Handset

Using Allworx Interact Professional means boosting workforce productivity. Interact Professional is the ultimate call control dashboard, combining the ease of a PC-based interface with the high voice quality of the Allworx handset. Even better, Allworx Interact Sync integrates Allworx with Microsoft Skype for Business (formerly Lync), Outlook, and modern browsers for a smooth one-click communication flow.



### Allworx Interact Sync Highlights

- ✓ Intelligently sync presence and status across Skype for Business (Lync), Outlook, and Allworx; and automatically update the Allworx call routes.
- ✓ Make one-click calls right from Skype for Business or Outlook using Allworx.
- ✓ Make one-click calls right from websites on Google Chrome™ and Mozilla Firefox® browsers using Allworx.

## Allworx® Reach™ and Reach Link™

A Complete Business Communication System That Fits in Your Pocket

Always stay connected with Allworx Reach. The Reach mobile app extends the rich functionality of your Allworx VoIP communication system right to your iOS and Android devices. Allworx Reach Link ensures a seamless voice experience, even as your mobile data network changes.

Allworx Reach 2.0 with Reach Link enabled on iPad and iPhone — Active Call Screens



## Allworx® Verge™ IP Phones

### A New Class of Mobile-First Business Phones

With a Verge IP phone on your desk and Allworx Reach™ app on your favorite mobile devices, you can talk in the office or on the go. Without missing a beat.

#### Mobility Integration Highlights

Real-time sharing of contacts across mobile devices (via Reach), Outlook (via Interact Professional), and Verge IP phone.<sup>1,2,3</sup>

- ✓ Instant handoff of active calls to and from your mobile device and Verge IP phone (via Reach).<sup>1,3</sup>
- ✓ Remote control of Verge IP phone using your mobile device (via Reach).<sup>1,3</sup>
- ✓ Bluetooth® hands-free for receiving and placing cellular calls on your Verge IP phone (available on the Verge 9312 model only).<sup>1</sup>

#### Other Highlights

- ✓ Self-labeling programmable function buttons.
- ✓ Contextual soft keys.
- ✓ Color display.
- ✓ Full duplex speakerphone.
- ✓ HD audio.
- ✓ Built-in four-way conferencing.
- ✓ Visual ring indicator.
- ✓ Gigabit Ethernet.
- ✓ Integrated network switch with port mirroring.
- ✓ Power over Ethernet (PoE).

1. Requires an Allworx system running System Software 8.2 or higher.  
2. Real-time sharing of mobile and Outlook contacts across Allworx devices and applications is supported on Connect servers only.  
3. Requires Reach 3.0 or higher and Interact Professional 3.0 or higher.

#### Verge 9312

- 12 self-labeling programmable function buttons.
- 4.3" color display.
- Bluetooth support.
- Supports up to three Verge 9318Ex Expanders.



#### Verge 9308

- 8 self-labeling programmable function buttons.
- 3.5" color display.



#### Verge 9318Ex Expander

- 18 self-labeling programmable function buttons.
- 4.3" color display.



Real-Time Contact Sharing



Instant Call Handoff



Remote Control



Bluetooth® Hands-Free

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## iPECS – COMMUNICATIONS PLATFORMS FOR SMB AND ENTERPRISE



### Unified Communications Platform (UCP)

- UCS standard application with built-in UCS server
- LIP-9000 series IP Phone integration
- Geographical Redundancy
- UCS Premium applications with external UCS server
- UC Desktop
- iPECS Unicode now supported across all iPECS products: UCP 100, UCP 600, UCP 2400, eMG80 & eMG800
- Expansion to 2400 ports – UCP 100/600/2400
- UC Mobile clients for iOS and Android
- Installation Wizard
- Applications/software business model
- UCP UVM voice mail to 200 hours
- New Web admin look and feel



### eMG80

- CO/Trunk lines Max. 74
- Integrated Auto Attendant /Voice Mail
- E-mail notification
- (CAS) Attendant Call
- Personal groups
- SIP extension
- SMDR (Station Message Detail Recording)
- Stations Max. 140
- Centralized Voice Mail
- IP-Attendant
- Automatic Call Distribution (ACD)
- Mobile extension
- Remote control from mobile phone
- Multiple language support and MORE!



### eMG800

- Up to 1200 ports
- Built-in iPECS UCS
- Embedded Voice Mail
- Embedded audio conference
- One number service
- Emergency paging/call monitoring
- VM to E-Mail forwarding
- Built-in iPECS Clickcall
- Embedded ACD
- Embedded hotel features
- Web call back
- Simplified directory search
- Centralized Voice Mail
- Embedded VoIP
- Embedded SIP
- Mobile extension
- ACD call statistics
- Custom MOH support
- Web administration and MORE!

### Ericsson-LG Applications

- Integrated Auto Attendant and Voice Mail
- E-mail notification
- (CAS) Attendant Call
- Personal groups
- SIP extension
- Web call back
- Traffic analysis
- Multiple language support
- Centralized Voice Mail
- IP-Attendant
- Automatic Call Distribution (ACD)
- Mobile extension
- Remote control from mobile phone
- SMDR (Station Message Detail Recording)
- System scenario call routing
- Green power save

### Supported Terminals

- LIP-8000E Series
- LIP-9070
- LIP-9071
- GDC-500H
- iPECS Attendant
- iPECS UCS/UCSM
- LDP-7000 Series
- LDP-9200 Series
- GDC-450H
- WIT-400HE
- iPECS Communicator
- iPECS IPCR



### 3-HOUR Battery Backup

#### eMG BB2U-24/20

Add battery back-up to any Ericsson-LG eMG 80/800 system. Plugs into the back of the system and supplies 3 Hours of Standby (Avg). Supports Vertical Summit as well. 2U 24V/20AMP Batteries included.



## AUDIO and VIDEO SIP DOOR PHONES

These exciting new units offer built-in RFID card readers as a standard feature at a fraction of the cost of comparable units.



#### SDP-20S

##### Audio Only SIP Door Phone with RFID Card Reader

- 2 SIP Lines • POE Enabled
- Designed for operation in indoor environments or protected areas • IP54 dust and water rated
- Full-duplex speakerphone (HF)
- Intelligent DSS Keys (Speed Dial)
- Wall-mount installation
- Integrated RFID Card reader
- Integrated indoor switchgear
- Integrated one Relay • External Power Supply
- All-in-One: Access Control, Intercom and Broadcasting
- Access control-by call, code, RFID card



#### SVDP-30S

##### Audio and Video SIP Door Phone with RFID Card Reader

- 2 SIP Lines • POE Enabled
- Designed for operation in indoor environments or protected areas • IP54 dust and water rated
- Full-duplex hands-free (HF) • Default Auto Answer
- Open the door operation: DTMF, password, RFID/key Fob, switch
- Wall-mount installation • Integrated RFID Card reader
- Sensor: 1/4 "color CMOS • Pixels: 1 million
- Video codec: H.264 • Resolution: 1280 x 720
- Viewing angle: 110 ° (H), 95 ° (V)



#### SVDP-31

##### Vandal Resistant Audio and Video SIP Door Phone with RFID Card Reader

- 2 SIP Lines • POE Enabled
- Designed for operation indoors or outdoors
- IP65 dust and waterproof with rugged housing
- Full-duplex hands-free (HF) • Default Auto Answer
- Open the door operation: DTMF, password, RFID/key Fob, switch
- Wall-mount installation • Integrated RFID Card reader
- Sensor: 1/4 "color CMOS • Pixels: 1 million
- Video codec: H.264 • Resolution: 1280 x 720
- Viewing angle: 110 ° (H), 95 ° (V)

## ENDPOINTS

 <p><b>LDP-9240D</b></p> <ul style="list-style-type: none"> <li>• LCD with backlit display</li> <li>• 24 flexible buttons</li> <li>• Full duplex Speaker phone</li> </ul>	 <p><b>LDP-9224DF</b></p> <ul style="list-style-type: none"> <li>• LCD with backlit display</li> <li>• 24 flexible buttons • Support EHSA</li> <li>• Full duplex Speaker phone</li> </ul>	 <p><b>LDP-9224D</b></p> <ul style="list-style-type: none"> <li>• LCD display</li> <li>• 24 flexible buttons • Support EHSA</li> <li>• Half duplex Speaker phone</li> </ul>	 <p><b>LDP-9208D</b></p> <ul style="list-style-type: none"> <li>• LCD display</li> <li>• 8 flexible buttons</li> <li>• Half duplex Speaker phone</li> </ul>
 <p><b>LIP-9002</b></p> <ul style="list-style-type: none"> <li>• 2 Line backlit grayscale LCD</li> <li>• 4 programmable buttons</li> <li>• HD voice</li> </ul>	 <p><b>LIP-9008G</b></p> <ul style="list-style-type: none"> <li>• 2 Line grayscale LCD</li> <li>• 8 programmable buttons</li> <li>• HD voice • Gigabit</li> </ul>	 <p><b>LIP-9020</b></p> <ul style="list-style-type: none"> <li>• 5 Line backlit grayscale LCD</li> <li>• 10 programmable buttons • HD voice</li> <li>• Gigabit • Electronic lifter • Bluetooth</li> </ul>	 <p><b>LIP-9030</b></p> <ul style="list-style-type: none"> <li>• 7 Line backlit grayscale LCD</li> <li>• 12 programmable buttons • HD voice</li> <li>• Gigabit • Electronic lifter • Bluetooth</li> </ul>
 <p><b>LIP-9040</b></p> <ul style="list-style-type: none"> <li>• 9 Line backlit grayscale LCD • USB</li> <li>• 12 programmable buttons • HD voice</li> <li>• Gigabit • Electronic lifter • Bluetooth</li> </ul>	 <p><b>LIP-9040C</b></p> <ul style="list-style-type: none"> <li>• 8 line color LCD display</li> <li>• 36 (12x3page) programmable feature keys</li> <li>• 2 Gigabit LAN ports • Wide Band Speaker phone</li> <li>• PoE • LLDP-MED/802.1x security support • Open VPN support</li> </ul>	 <p><b>LIP-9070</b></p> <ul style="list-style-type: none"> <li>• 7" TFT color display with Capacitive Touch</li> <li>• Android OS • WVGA resolution</li> <li>• Video communications among iPECS video clients (UCS, LIP-8050V, Phontage)</li> <li>• 1.3M pixel CMOS camera (1280 x 1024)</li> <li>• Memory: Main 512MB DDR2 / 4GB Storage</li> <li>• Gigabit support</li> <li>• Soft flexible buttons: 48 for SIP / 30 for iPECS protocol</li> <li>• Media play, picture viewer • Built-in software application</li> </ul>	 <p><b>LIP-9070DSS</b></p> <ul style="list-style-type: none"> <li>• 48 keys with triple color LED</li> <li>• PoE</li> <li>• Paper underlay</li> <li>• 10/100/1000</li> </ul>
<p><b>LIP-9071</b></p> <ul style="list-style-type: none"> <li>• 7 inch LCD with Touch screen</li> <li>• Android OS • 3-way audio conference</li> <li>• MCID through XML service</li> <li>• Built-in Camera • Bluetooth dongle support</li> <li>• Wi-Fi dongle support • Built-in HDMI output</li> <li>• NFC Tagging support • 3rd party Android applications</li> </ul> <p><b>LIP-9071 Wi-Fi Adapter</b> Provides wi-fi capability</p> <p><b>LIP-9071 Bluetooth Adapter</b> Provides Bluetooth capability</p>	 <p><b>LIP-9071</b></p> <ul style="list-style-type: none"> <li>• Bluetooth</li> <li>• Wi-Fi</li> </ul>	 <p><b>LIP-9070DSS</b></p> <ul style="list-style-type: none"> <li>• 48 keys with triple color LED</li> <li>• PoE</li> <li>• Paper underlay</li> <li>• 10/100/1000</li> </ul>	 <p><b>LIP-9024LSS</b></p> <p><b>Direct Station Selection Add-On Module</b></p> <ul style="list-style-type: none"> <li>• 12 keys and 2 page button w/ triple color LED</li> <li>• LCD underlay</li> <li>• Power supply via keyset</li> </ul>
<p><b>LIP-9024DSS</b></p> <p><b>Direct Station Selection Add-On Module</b></p> <ul style="list-style-type: none"> <li>• 24 keys w/ triple color LED</li> <li>• Paper underlay</li> <li>• Power supply via keyset</li> </ul>	<p><b>LIP-9012DSS</b></p> <p><b>Direct Station Selection Add-On Module</b></p> <ul style="list-style-type: none"> <li>• 12 keys w/ triple color LED</li> <li>• Paper underlay</li> <li>• Power supply via keyset</li> </ul>	<p><b>LDP-9248DSS</b></p> <ul style="list-style-type: none"> <li>• 48 keys with triple color LED</li> <li>• Paper underlay</li> <li>• Power via keyset</li> </ul>	<p><b>GDC-600BE</b></p> <p><b>DECT Base Station</b></p> <ul style="list-style-type: none"> <li>• Base station for GDC-500H, GDC-450H, and GDC-400H</li> <li>• 6 simultaneous calls</li> <li>• 300m RF distance</li> <li>• 3 LED Indicators</li> </ul>
<p><b>GDC-450H DECT Wireless Phone</b></p> <ul style="list-style-type: none"> <li>• Feature rich 1.5" full color LCD</li> <li>• Ruggedized housing</li> <li>• Standby 150 hrs.</li> <li>• Talk 15 hrs</li> <li>• Vibration and Ring LED</li> <li>• 2.5mm ear mic jack</li> <li>• Backlit LCD &amp; keypad</li> <li>• Snap in belt clip</li> </ul>	<p><b>GDC-500H DECT Wireless Phone</b></p> <ul style="list-style-type: none"> <li>• Mobile like UI</li> <li>• 1.5" full color LCD</li> <li>• Different ring tone up to 9</li> <li>• Vibration &amp; Ring LED</li> <li>• Backlit LCD and keypad</li> <li>• Standby 150 hrs.</li> <li>• Talk 15 hrs</li> <li>• 2.5mm ear mic jack</li> </ul>	<p><b>E-BTMU Bluetooth Module</b></p> <ul style="list-style-type: none"> <li>• Bluetooth V2.1+VDR</li> <li>• Speaker phone or cell profile</li> </ul>	<p><b>EHSA Electronic Hookswitch Adapter</b></p> <ul style="list-style-type: none"> <li>• Allows headset user to go offhook without lifting handset</li> </ul>

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## INSTALLATION ACCESSORIES and SOLUTIONS

### MOH-MP3 TUNER

The MOH-MP3 Digital Tuner will work with any PBX to provide FM radio, recorded content via USB or SD card memory and included custom programmed Message on Hold on the supplied SD card. The unit is offered in two configurations, MOH-MP3 Tuner is a 4 Function standalone Digital Player unit with:



- Play Scan • Previous • Next • USB/FM/Auxiliary Modes • Fixed Antenna
- SD/MMC Card slot • Memory device with standard MOH loop included • USB port
- Remote Control • 12V Power Adapter included • Cables

### MOH-MP3 TUNER RM

#### Tuner Rack Mount

Provides a 1U rack mount faceplate for mounting the MOH-MP3 Tuner in a 19" Rack. The MOH-MP3 TUNER RACK MOUNT includes a long wire antenna to replace the fixed antenna as well as all the product and components included with the basic MOH-MP3 Digital Tuner.



### 1U-GWM Gateway Module Rack Mount Kit

The 1U-GWM provides a rack mount kit for any of the iPECS gateways, either MFIM or UCP. Each 1U-GWM includes:



- Preconfigured space to mount the gateway, with guides for the gateway & power supply
- Removable mesh cover faceplate with standoffs to allow for WAN cable raceway routing from gateway to network • 19 inch rack mount, all hardware included

### TKTU9038213-PI

#### Paging Interface

The IP-8004 page interface provides a cost effective solution for paging interface for use in noisy or open areas. The IP-8004 PI allows remote paging over the WAN to an external



amplifier or loud speaker.

Includes:

- IP terminal interface • 3.5mm audio output • 3.5mm 6' cable

### IP-8004 LR PAGE

Provides both loud ringer and local paging anywhere on the WAN. Includes:

- IP phone with integrated paging amplifier • Includes Wall Speaker • Power Supply

### DIG LR PAGE

Provides both loud ringer and local paging anywhere on the WAN. Includes:

- Digital Adapter with integrated paging amplifier • Includes Wall Speaker
- Power Supply

### RING ALERT FXO/S

- FXO/FXS powered loud electronic ringer
- 2 distinct loudness levels
- Built-in strobe flasher
- Ideal for use in extremely noisy areas and for the hearing impaired
- Small compact size easily mounts to wall



## PRESENCE MANAGEMENT REDUNDANT POWER SOLUTIONS

### Add Redundant Power With Alarm Reporting to iPECS-LIK/UCP Systems

Reliability is a fundamental prerequisite for today's IP based telephony systems. Redundancy offers the peace of mind of knowing your system will continue to operate in the event of a component failure. The power supply is the heart of any system. The system depends on a reliable supply of power to operate, but most of today's systems offer only a single power supply. Adding a second supply is rarely an option or adds a large expense to the design. The RPS offers a breakthrough in highly reliable redundant system power.



#### Ordering Information:

- |                  |                                    |
|------------------|------------------------------------|
| RPS-48V1.25      | 1 Channel                          |
| RPS-48V2.5       | 2 Channel                          |
| RPS-48V1.25 Temp | 1 Channel with Temperature Monitor |
| 1U-GWM-RPS-PKG   | 1 RPS-48V1.25 plus 3 1U-GWM Mounts |



## SIP VIDEO INTERCOM and PAGING GATEWAY

### PA2-AMP-S SIP Video Intercom and Paging Gateway

- Small form factor • Emergency call button interface, active call
- Multicast paging, SIP Extension paging, direct microphone input paging
- Relay allows for voltage pass through to power a device, relay activation on talk, input trigger, dial a code DTMF, call state talking or ringing of extension. No or NC with timed output.
- Network loud bell ringer w/ 9 different ringers active on SIP extension ringing. Then multicast page available.
- 30 watts of power @ 4ohm using included 24VDC@2amp power supply
- Activate a remote page live call by closing a switch on the Key input which dials an extension or outside number and allow the user to live page.



## RACKMOUNT PoE INJECTOR

### POE-INJ-1000-12-1U Gigabit 12 Port Rackmount POE Injector

- Power 12 Gigabit devices from one power supply 12V to 56V
- 12 Shielded RJ-45 LAN • 12 Shielded RJ-45 LAN+POE
- All 4 data pairs pass thru for gigabit rates • Shared data and power via transformer isolated power injection • 1U High Standard Rack Mount
- 650 ma Automatic Resettable Fuse on Each Port • Same voltage to all ports, power is equally shared as needed by the devices • Use with any Ethernet Switch
- Standard Power Connector - 2.1mm x 5.5mm • Dual Connectors - for one or two power supplies • Use two power supplies for redundancy • 4 LED Status Indicators
- Ideal for IP Cameras, VOIP Phone, WiFi Access Points • Supports 802.3at or 802.af Devices • Add the optional power supply you need 15 to 56 volts





## UNIFIED COMMUNICATIONS YOU CAN AFFORD – APPLICATIONS INCLUDED!



### IP Call Recording Optimized for SMB, iPECS IPCR iPECS Call Recording Solution

- Single server for recording all terminals, IP, digital or analog • Remote call recording
- Distributed recording with up to 9 MFIM Call Processors per IPCR
- Conference recording • Real time monitoring & recording • Added features such as voice packet encryption, local survivability, remote maintenance, and fault alarms

### IP Attendant Console Application, iPECS Attendant

iPECS Attendant is a powerful PC based attendant console, designed to enhance call handling and control functions of the attendant, through superb intuitive drag & drop actions. It also allows the attendant to manage the directory with ease of use and graphical user's interface.

#### Features include:

- Easy User Interface
- Simple Directory and Database Management • Flexible Call Handling
- Multiple attendants • Trunk monitoring
- Making outbound call: keypad dialing, click to call from the phone book, station icon, log view • Superb statistical reporting of all calls



### iPECS Unified Communications Server Single Server UC Solution for SMB

- Presence
- Directory management
- Instant messaging & file send
- Individual call routing
- Conference management
- Schedule management
- Internal & external SMS
- Application sharing
- Video conferencing
- Call related features
- Call recording
- Server related features



### iPECS Contact Center Solution

#### Best suite for small & medium-sized contact center

- Cost effective bundles for basic contact center with iPECS Platforms
- Add-on and optional modules for additional functions
- Easy installation and operation
- Built-in CRM interface for major CRM Solutions

#### Benefits of all software solution

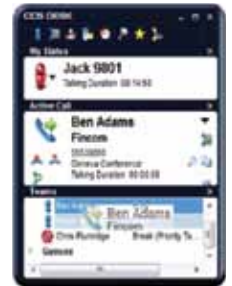
- Software based media processing through SIP
- No PSTN media interface card

#### Next generation single multi-media solution

- E-mail, Voice Mail, Fax, Web chat support
- Social media interface – Twitter, Facebook • Multi-Media Outbound Tele-marketing

#### Web based reporting tool

- Real-time monitoring and historical reports • Business intelligent Dash Board
- Integrating with Voice Recording or CRM/Database



## eMG80 BUNDLES

### eMG80 Pro 6+

- eMG80 ProPack BKSU – 4 CO, 8 Digital, 4 Analog ports
- 4 Channels voice mail with 1 hr storage
- 2 VoIP channels • 2 UCS Standard licenses
- 2 UCS Mobile licenses • 6 LDP-9030D Full Duplex 30 button phones

### eMG80 Pro 6+ with 15 hours Voice Mail

- eMG80 ProPack BKSU – 4 CO, 8 Digital, 4 Analog ports
- 4 Channels voice mail with 15 hr storage
- 2 VoIP channels • 2 UCS Standard licenses
- 2 UCS Mobile licenses • 6 LDP-9030D Full Duplex 30 button phones

### eMG80 Pro 6+ 8 x 16 with 15 hours Voice Mail

- eMG80 ProPack BKSU – 8 CO, 16 Digital, 4 Analog ports
- 4 Channels voice mail with 15 hr storage
- 2 VoIP channels • 2 UCS Standard licenses
- 2 UCS Mobile licenses • 6 LDP-9030D Full Duplex 30 button phones

### eMG80 Pro 10+ 8 x 16 with 15 hours Voice Mail

- eMG80 ProPack BKSU – 8 CO, 16 Digital, 4 Analog ports
- 4 Channels voice mail with 15 hr storage • 2 VoIP channels • 2 UCS Standard licenses
- 2 UCS Mobile licenses • 10 LDP-9030D Full Duplex 30 button phones



### eMG80 STD-8+ 24

- eMG80 ProPack BKSU – 4 CO, 8 Digital, 4 Analog ports
- 4 Channels voice mail with 1 hr storage • 2 VoIP channels • 2 UCS Standard licenses
- 2 UCS Mobile licenses • 8 LDP-7024BD Backlit 24 button phones

### eMG80 STD-8+ 24 with 15 hours Voice Mail

- eMG80 ProPack BKSU – 4 CO, 8 Digital, 4 Analog ports
- 4 Channels voice mail with 15 hr storage • 2 VoIP channels • 2 UCS Standard licenses
- 2 UCS Mobile licenses • 8 LDP-7024BD Backlit 24 button phones

### eMG80 Qwikcable Quick Installation Cable

- Installation Cable – 25 pair female end, 3 RJ-45, 8 RJ-11 terminations for a quick, easy, neat and clean installation



## eMG800 BUNDLES

### eMG800A Analog

- eMG800 KSU • 4 VM Channels
- 4 VoIP channels • Built-in UCS
- Built-in ClickCall • 8 LDP-9030D Full Duplex 30 button phones

### eMG800A-I PRI

- eMG800 KSU • PRI Module included • 4 VM Channels
- 4 VoIP channels • Built-in UCS • Built-in ClickCall
- 8 LDP-9030D Full Duplex 30 button phones



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## NEC SV9100 – SMART COMMUNICATIONS FOR SMALL & MEDIUM BUSINESS



The **UNIVERGE SV9100S and SV9100E Communications Servers** are robust, feature-rich, Unified Communications enabled systems that are ideal for small and medium-sized businesses. Each server is designed to help solve today's communications challenges and is built with a migration path in mind, so you can scale your customer's communications as their business grows.

### SV9100S – System capacity up to 48 ports

The SV9100S is for small businesses that just want the basics, but also want a system that can grow and migrate to the SV9100E when ready

### SV9100E – System capacity up to 1296 ports

The SV9100E is for small to medium businesses that wish to take full advantage of what IP and Unified Communications has to offer



#### UC Suite

NEC's UC Suite for SMBs delivers the tools that will increase performance throughout an organization. The UC Suite gives employees access to the latest productivity enhancing communications applications, such as user presence, instant messaging (IM), whiteboarding, application sharing, a multimedia softphone, and an UC client.

#### InControl

InControl Call Reporting is a browser based program that provides reports of incoming and outgoing calls. Reports include: Extension Call Details, Phone Number Details, Department Call Summary, Extension Summary by Department, Extension Call Summary and Trunk Utilization.

#### NEC Meeting Center

NEC Meeting Center is a sophisticated, premises-based audio conferencing, web collaboration and mass notification solution for NEC's communications platforms allowing real-time sharing and exchange of information between co-workers and customers via PC, smartphones and iPads.

#### Contact Center

Designed specifically to work on NEC's UNIVERGE SV9100, the embedded Contact Center's unique integration is the result of a voice processing system merging with a communications system. It helps improve customer service and agent productivity by intelligently routing calls based upon criteria you provide, such as the inbound line on which a call is received, the line that has the longest idle or the time of day the call is received.

#### InMail

NEC's UNIVERGE InMail is the ideal solution for businesses wishing to maximize customer satisfaction by ensuring that all callers get to the people and information that they need without prohibitive hold times or dropped calls. As an embedded solution on the SV9100, it offers users easy access to voicemail features, advanced call processing, simplified message management, and integration with UC Suite for quick access to messages from your desktop client. Integrates seamlessly with UC Suite's Client for quick and easy access to messages

#### Mobile Extension

Mobile Extension gives you access to all of the features of your desktop phone from nearly any external communications device. It enables you to use a mobile device, home phone or other external device to simulate an extension of your office phone. And customers never know you're not at the office! One number access lets them reach you wherever you are.

#### Multi-Line Client Mobile (MLC)

MLC Mobile re-invents the office telephone by moving the traditional desktop phone onto your iPhone/iPad/Android Phones/Android Tablets. As a telephone, MLC Mobile delivers a full multiline self-labeling desktop telephone user experience. A familiar NEC desktop telephone intuitive interface supports 32-line keys along with the most sought after SV9100 features, including Bluetooth compatibility. It delivers integrated system access to device and Microsoft Outlook contacts plus UC for Enterprise's web-based UC Desktop Client. It gives users the visual displays and features needed to perform their job intelligently, connected to the network.

### WE'RE LOOKING FOR A FEW GOOD DEALER PARTNERS...

When you partner with NEC and Target Distributing, you share in the success of a leader in enterprise communications and a leader in distribution. Channel partners play a critical role in NEC's strategy and our programs reward partners who demonstrate outstanding performance in the market place. Experts on our dedicated support team not only make the on-boarding process as seamless as possible, they provide the resources necessary to ensure continued long-term success with NEC. NEC Associates consistently secure solid margins; in some cases, two to three times higher than those associated with some competitive solutions. **CALL YOUR TARGET SALES REP AT 800-873-5528 TODAY – EXCLUSIVE TERRITORIES STILL AVAILABLE!**



## UNIVERGE SV9100 R7.0

**UNIVERGE SV9100 Release 7.0** software offers new ways to improve business call handling, simplify network maintenance, both onsite and remote, plus more.

The SV9100 Version 7, Phone Pro License is provided and activated automatically- at no charge – to all newly registered UNIVERGE SV9100 CPU's in the License Manager Server (LMS) as an entitlement license, on or after July 12, 2017.

The SV9100 Version 7 License, Phone Pro License and four Web Video Conference Licenses are available to any UNIVERGE SV9100 CPU that was registered prior to July 12, 2017 – if it has Premium Software Assurance. It is provided under the "UNIVERGE SV9100 SWA" link, which is located in the customer license file.

For existing customers without Software Assurance, Premium Software Assurance must be purchased in order to acquire Version 7 License and Phone Pro License, available on July 12, 2017.

For existing customers with Essential Software Assurance (ESA), an upgrade to Premium Software Assurance must be purchased in order to acquire the Version 7 License and Phone Pro License, available on July 12, 2017.

### Packet Capture Capability

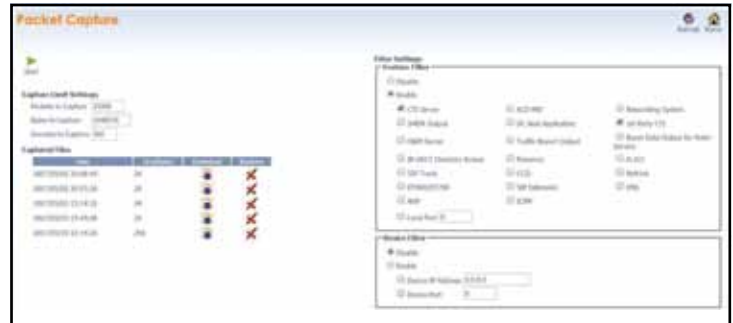
One of the main highlights of the new R7.0 software for the UNIVERGE SV9100 is the Packet Capture capability which further simplifies the analysis and management of overall network traffic and performance. While the SV9100 has several utilities to assist in troubleshooting and diagnosing problems both during and after installation, the Packet Capture enhancement now allows you and your customers to examine and capture real-time running packets over the network.

#### Benefits:

**Network Analysis & Management Simplification** – no need to change network composition to view and monitor packets on the network

**Enhanced Network Security** – data capturing is used to easily identify the point of intrusion of security flaws and breaches

**Quicker Resolution of Network Issues** – ability to capture packets and detect the occurrence of undesired events quickly helps solve them faster



The following features are registered:

Feature No	Group Name	Feature Name	License Qty	Expiry Date	Used Licenses	Remain Licenses
0002	System feature License	NetLink	2	Never	0	49
0007		Hotel/Motel	1	Never	-	-
0017		Remove License	0	Never	-	-
0030		Encryption	1	Never	-	-
0031		NAT traversal	1	Never	-	-
0041		XML Pro	0	Never	-	-
0042		Video MCU	2	Never	-	-
0046		PMS	2	Never	-	-
0047		Remote Conference	12	Never	0	20
0048		H/W migration	0	Never	-	-
0049		Multi Device	0	Never	0	256
0080		Web Video Conference	4	Never	0	32
0081		In-UC Web Client	1	Never	0	128
0082		InUC Web 1st Party CTI	0	Never	-	-
0111	System Port License	1st Party CTI (Ethernet)	8	Never	0	256
0112		3rd Party CTI Client	256	Never	-	-
0123	System feature License	OAI Interface	0	Never	-	-
0136	UC	uaCSTA Channel	0	Never	-	-
0300	System feature License	System Port	257	Never	Trk: 8 Tel: 75	1213

### WebPro License Display

With SV9100 Version 7.0, another new capability the user can take advantage of is the WebPro License Display. This enables them to confirm the "License Qty", "Used Licenses" and "Remaining Licenses" from WebPro. For example: If the system is licensed for 49 Netlink licenses and only 20 are used, WebPro License Display screen will show the 20 used licenses and how many are remaining.

In the past if a customer wanted to add another user or another feature, the technician did not know if they already had purchased enough licenses. This enhancement allows the technician to review this information via WebPro.

### Additional SV9100 R7 Enhancements

(Requires SV9100 R7 System Software and SV9100 Version 7 License)

#### InMail Message Play Control

User can use sofkeys on a display telephone to control voice messages (fast forward, rewind)

#### STD SIP – Codec Profile Support

Support multi-profile of codec setting of STD SIP. For example, when accommodating more than one kind of SIP Extension, a profile can be used for each extension (3rd Party SIP, various mobile device, etc.)

#### Caller ID - LCD Call History View Enhancement

A third line is used on the telephone's LCD to show Call History. The 3rd line will show Last Number Redial and Incoming Call history. The history can be displayed by pressing an Enter Key. User can redial by pressing # (or speaker key).

#### Caller ID – Flexible Caller ID Notification Enhancement

Using the Flexible Caller ID Notification, a user can select a calling party number for an outgoing trunk call using a service code. This is supported on single-line and multiline telephones.



## UNIVERGE SV9100 ENDPOINTS

### DT410 Digital Phone 2-Button Non-Display

BE113810 (Formerly 650000)

- (2) Programmable Function Keys
- (11) Fixed Feature Keys
- (1) Volume Control Key
- Half-duplex speakerphone
- 4-step adjustable legs
- Built-in wall-mount
- 9-Ft Handset Cord
- 7-Ft Base Cord
- Standard dial pad



### DT430 Digital Phone 6-Button Display

BE113811 (Formerly 650001)

- (6) Programmable Function Keys
- (13) Fixed Feature Keys
- (4) Interactive Soft Keys
- (1) Volume Control Key
- Half-duplex speakerphone
- 4-step adjustable legs
- Built-in wall-mount
- 9-Ft Handset Cord
- 7-Ft Base Cord
- Standard dial pad



### DT430 Digital Phone 12-Button Display

BE113805 (Formerly 650002)

- (12) Programmable Function Keys
- (10) Fixed Feature Keys
- (4) Interactive Soft Keys
- Navigator Key
- 4-line black/white display
- Backlit dial pad • Full-duplex speakerphone
- Adjustable legs • Built-in wall-mount
- 9-Ft Handset Cord • 7-Ft Base Cord
- Headset jack
- Connector for 8-Button Line Key Assembly



### DT430 Digital Phone 24-Button Display

BE113807 (Formerly 650004)

- (24) Programmable Function Keys
- (10) Fixed Feature Keys
- (4) Interactive Soft Keys
- Navigator Key
- 4-line black/white display
- Backlit dial pad • Full-duplex speakerphone
- Adjustable legs • Built-in wall-mount
- 9-Ft Handset Cord • 7-Ft Base Cord • Headset jack
- Connector for 8-Button Line Key Assembly



### DT430 Digital Phone 32-Button Display

Q24-FR000000107233

(Formerly 650132)

- (32) Programmable Function Keys
- (10) Fixed Feature Keys
- (4) Interactive Soft Keys
- Navigator Key
- 4-line black/white display
- Backlit dial pad • Full-duplex speakerphone
- Adjustable legs • Built-in wall-mount
- 9-Ft Handset Cord • 7-Ft Base Cord • Headset jack
- Connector for 8-Button Line Key Assembly



### DT430 Digital Phone Desi-Less Endpoint

BE113809

(Formerly 650010)

- (2) Backlit 4-line XML displays
- (11) Fixed Feature Keys
- (4) Interactive Soft Keys
- Navigator Key
- Backlit dial pad
- Full-duplex speakerphone
- Adjustable legs • Built-in wall-mount
- 9-Ft Handset Cord • 7-Ft Base Cord • Headset jack
- Connector for 8-Button Line Key Assembly



### DT820 IP Phone 6-Button Display

BE115109

(Formerly 660030)

- 3-line backlit black/white display
- (6) Programmable Function Keys
- (10) Fixed Feature Keys
- (4) Interactive Soft Keys • (1) Navigator Key
- Full-duplex speakerphone • Built-in wall-mount
- 2-step adjustable legs
- Data switch w/ PC LAN Jack
- Headset Jack



### DT820 IP Phone Desi-Less Endpoint

BE115110

(Formerly 660031)

- 7-line backlit black/white display
- (8) Programmable Function Keys
- (10) Fixed Feature Keys
- (4) Interactive Soft Keys • (1) Navigator Key
- Full-duplex speakerphone • Built-in wall-mount
- 2-step adjustable legs
- Data switch w/ PC LAN Jack
- Headset Jack



### DT830G IP Phone 12-Button Gigabit

Color Display

BE113803

(Formerly 660021)

- (12) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830G IP Phone 24-Button Gigabit

Color Display

Q24-FR000000107285

(Formerly 660136)

- (24) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830G IP Phone 32-Button Gigabit

Color Display

Q24-FR000000107287

(Formerly 660137)

- (32) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830G IP Phone 12-Button Gigabit

Grayscale Display

BE113802

(Formerly 660020)

- (12) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



## UNIVERGE SV9100 ENDPOINTS

### DT830G IP Phone

**24-Button Gigabit  
Grayscale Display  
Q24-FR000000107289**

(Formerly 660138)

- (24) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830G IP Phone

**24-Button Gigabit  
Grayscale Display  
Q24-FR000000107291**

(Formerly 660139)

- (24) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830G IP Phone

**Desi-Less Gigabit  
Grayscale Display  
BE113801**

(Formerly 660018)

- (24) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830 IP Phone

**12-Button  
Display  
BE113795**

(Formerly 660002)

- (12) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830 IP Phone

**24-Button  
Display  
BE113797**

(Formerly 660004)

- (24) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830 IP Phone

**32-Button  
Display  
Q24-FR000000107281**

(Formerly 660134)

- (32) Programmable Function Keys
- (10) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key • Data switch w/ PC LAN jack



### DT830 IP Phone

**Desi-Less Endpoint  
BE113799**

(Formerly 660010)

- (2) Backlit 4-line XML displays
- (11) Fixed Feature Keys
- Backlit dial pad
- (4) Interactive Soft Keys
- Full-duplex speakerphone
- Built-in wall-mount
- Connector for 60-Button DSS
- Headset jack • 4-step adjustable legs
- Connector for 8-Button Line Key Unit
- 5-Section Navigator Key
- Data switch w/ PC LAN jack



### Q24-FR000000114754 UT880 Android Tablet Phone

NEC's new UNIVERGE UT880 integrates the traditional desktop telephone and an Android tablet into one device that provides you with an innovative, feature-packed desktop phone that revolutionizes your user experience.

#### Features include:

- 7-inch color backlit display with multi-touch capabilities
- Gigabit connectivity • Android OS support
- Multiline SIP client that emulates an SV9100 endpoint
- Hands-free, full-duplex, wide-band speakerphone • Bluetooth compatibility
- Built-in camera for future video applications (camera can be disabled) - Allows Peer to Peer video conf between UT880's (Rel 1.3.4)
- Gigabit data switch w/ PC and LAN jacks • Headset jack • USB Port
- 4-step adjustable legs • 9-Ft Handset Cord
- Message Waiting LED • 4GB Flash memory • 1GB SDRAM memory
- Micro SD memory slot • Built-in wall mount



## DECT MOBILITY SOLUTIONS

### Q24-FR000000113114

(Formerly 730653)

**ML440 IP DECT Mobility Bundle**

**(3) ML440 Handsets and (1) AP20 Access Point**

- Up to 30 handsets can be registered to one AP20
- Up to 20 AP20s Per System
- Up to 8 simultaneous calls per access point
- Handset charger has spare battery charging compartment
- AP20 uses DHCP and requires PoE

**730658** Ceiling Mount Bracket for AP20

**730661** Leather Case

**730657** Spare Battery

**730659** Spare/Replacement Handset Charger



### Q24-FR000000119653

(Formerly 730098)

**Digital Cordless DECT Telephone**

- 1.9GHz DECT 6.0 technology.
- Large Display (1 5/16" x 1 13/16")
- (4) Fixed feature keys
- (4) Soft Keys
- (1) Navigation Key
- (8) Programmable Function Keys – Integrated with the SV9100 system
- Speakerphone (hands-free) feature/half-duplex
- Vibrating Ringer
- Headset Jack (2.5mm)
- Connects to a digital station port



**TARGET IS YOUR BEST SOURCE FOR NEC**

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## THE SL1100 – SMART COMMUNICATION FOR SMALL BUSINESS

### 1100010 Main KSU

- Configured as 0x8x4
- Built-in 2-Channel Auto Attendant
- (4) Mobile Extension Ports
- 2 of the 4 Analog Ports can be assigned to doorboxes

### 1100011 Expansion KSU

- 2 of the 4 Analog Ports can be assigned to door boxes

### 1100110 Expansion KSU Interface Card

- Provides interface for up to 3 Expansion KSU's (with Rev. 3.5 Software)
- Installs on Main KSU

### 1100016 Standoff Replacement Kit



### A20-030439-001 (670535)

#### Installation Cable

- 14Ft. Open Ended 25-pair with (6) 8-pin modular plugs.
- Provides connection between chassis cards & MDF



### 721160 (922450) Doorbox

- Connects to the last two analog station ports on the 084 board of the Main or Expansion KSU • Maximum (2) per Main/Expansion KSU
- Maximum (6) per system • For all SL1100 systems



## STATION INTERFACE CARDS and LICENSES

### 1100020

#### 8-Port Digital Station Card

- Maximum (2) per Main KSU and (2) per Expansion KSU

### 1100021

#### 8-Port Analog Station Card

- Maximum (2) per Main KSU and (2) per Expansion KSU

### 1100089

#### 1-Port Third Party SIP Extension / uMobility License

- Requires VOIP Daughter Board (1100111). Maximum (64) SIP Stations allowed per system

### 1100081

#### Encryption License

- Provides encryption for NEC multi-line IP Terminals in a specific SL1100 system. 1 per system

### 1100085

#### Additional 1-Port Mobile Extension License

- Required if you need more than the 4 included in the Main KSU

### 1100086

#### Hotel/Motel License

- Provides Hotel/Motel features, such as:
  - Wake Up Call
  - Single Digit Dialing Menu
  - Message Waiting
  - Room-to-Room Calling Restriction
  - Toll Restriction (When checked in)
  - Room Status (set and monitor)
  - Room Status Reports

This license does NOT provide interface with PMS systems.

If system is equipped with InMail, and "Check-In" related Hotel/Motel features are needed, the InMail Email Integration and Advanced InMail Features License (BE110733) is also required. Maximum (1) Hotel/Motel License per system.

### 1100091

#### ACD License

- Provides Automatic Call Distribution feature.

Capacity per system –

- (2) ACD Groups, each with a maximum of (16) Agents
- Maximum of (36) trunks for ACD feature
- Requires SL1100 System Software 1.5 or higher.

### 1100092

#### SLNet License

- Provides VoIP networking capability between SL1100 sites.
- Maximum of (5) sites in a network. • One SLNet License is required for each site in the network.

Features include:

- Centralized Network Attendant
- Centralized or local voice mail system
- Intercom between all sites
- Share trunks between all sites
- BLF and Centralized Park Orbits across network

- With R3.5 system software or higher, the maximum combined network trunk and station ports total is 256. (Earlier software levels provided a maximum of 168.)

- Maximum network channels: 32

- Requires SL1100 System Software 1.5 or higher.

- Each system in the network must be equipped with a VoIP Daughter Board (BE110290), which provides (16) VoIP channels.

- To increase the quantity of VoIP channels to the maximum of (32), add (1) 16-Channel VoIP License (BE111131).

- The quantity of VoIP channels (16 or 32) that is required for each SLNet site is determined by the amount of VoIP traffic at that site (IP phones, SIP trunks, and SLNetworking).



## VOIP BOARD and LICENSE

### 1100111

#### 16-Channel VoIP Daughter Board

- Provides (16) VoIP channels
- Includes (4) SIP Trunk Ports
- Installs in dedicated slot on CPU-B1 board
- Equipped with 8-conductor jack and ferrite core
- Required for IP telephones & IP trunks
- Can be expanded to (32) VoIP channels with the 16-Channel VoIP Resource License
- Installs in dedicated slot on CPU-B1 board.

### 1100082

#### Additional VoIP Resource License / 16-Channel

- Provides an additional (16) VoIP Channels
- Note: VoIP Daughter Board is equipped with (16) channels
- Max (32) channels per system

### 1100093

#### 2-Port SIP Trunk License

- Required for SIP trunks after the first (4), which are included on the VOIP Daughter Board (1100111) shown above, which is required
- Requires VOIP Daughter Board (BE110290) and appropriate quantity of VoIP Channels.
- Requires SL1100 system software 2.0 or higher.
- Maximum (32) SIP Trunks allowed per system.



## THE SL1100 – SMART COMMUNICATION FOR SMALL BUSINESS

### TRUNK INTERFACE CARDS

- 1100022 4-Port CO Trunk Daughter Board**
- Includes power failure transfer circuit for one line • Max 3 per KSU
  - 1st card mounts on motherboard
  - 2nd & 3rd card mount on either the digital, analog, or 0-port card
- 1100023 0-Port Expansion Card**
- For addition of 4-Port CO Card when no additional stations are required
- 1100024 T1/PRI**
- Maximum (1) per Main or Expansion KSU • Maximum (2) per system

### BE113158 Wireless Headset Adapter

- Provides interface for Plantronics wireless headsets instead of purchasing and installing Plantronics HL10 remote handset lifter • Installs in adapter slot under telephone



### INMAIL VOICE MAIL CARDS and LICENSES

- 1100112 InMail CompactFlash – Small**
- Provides (2) voice mail ports and approximately (15) hours of storage
- 1100113 InMail CompactFlash – Large**
- Provides (4) voice mail ports and approximately (40) hours of storage
- 1100083 Additional 2-Port InMail License**
- Provides an additional 2 ports of InMail
  - Note: Maximum of (16) InMail ports per system
- 1100084 Additional Feature License**
- Provides: E-Mail Notification, Cascading Message Notification, Find-Me/Follow-Me, Password Option and Hotel/Motel



### ENDPOINTS

- 1100061 12-Button – Black**  
**1100060 12-Button – White**

- Full Duplex Speakerphone
- Backlit keypad and soft keys
- 8 ring tones
- Programmable keys with LEDs
- Headset port
- Built-in wall mount kit



- 1100063 24-Button – Black**  
**1100062 24-Button – White**
- Full Duplex Speakerphone
  - Backlit keypad and soft keys
  - Programmable keys with LEDs
  - Headset port • Built-in wall mount kit
  - 8 Selectable ring tones
- 1100065 60-Button DSS/BLF – Black**  
**1100064 60-Button DSS/BLF – White**
- 60 programmable keys with LEDs
  - Ideal for receptionists



### PHONE AND DSS ACCESSORIES

- 1100066** Light Gray Desi Labels for 12-Button Phones – 25-Pack  
**1100067** Light Gray Desi Labels for 24-Button Phones – 25-Pack  
**1100068** Light Gray Desi Labels-For 60-Button DSS – 25-Pack  
**1100069** Black Desi Labels for 12-Button Phones – 25-Pack  
**1100070** Black Desi Labels for 24-Button Phones – 25-Pack  
**1100071** Black Desi Labels-For 60-Button DSS – 25-Pack – 25-Pack  
**1101100** Replacement Handset – Black **1101101** – White  
**1101102** 12.5' HS Cord-BK-5-Pack (Black)  
**1101104** Replacement Plastic Key Overlay - 12-Button Phones  
**1101105** Replacement Plastic Key Overlay - 24-Button Phones  
**1101106** Plastic Key Cover for 60-Button DSS  
**1101107** HS Hanger-BK-10-Pack (Black)  
**1101108** HS Hanger-WH-10-Pack (White)  
**1100162** Wall Mount Unit  
**660035** AC Adapter for 24-Button IP Phone

### 24-BUTTON IP ENDPOINT

- 1100161 – Black**  
**1100160 – White**
- Headset port • Full Duplex Speakerphone
  - Does NOT require a SIP Station License
  - Equipped with (2) RJ45 jacks
  - Requires power by optional AC Adapter (660035/BE115923) or PoE 802.3af
  - Requires optional Cat5 cord



### WIRELESS ENDPOINTS AND ACCESS POINTS



- ML440/AP20 Starter Kit (1100007)**  
**(3) ML440 Handsets, AP20 Access Point Bundle & 1100111 VoIP Card**  
**AP20 (730651) Access Point**  
**ML-440 (730650) IP DECT Handset and Charger**  
**Bundle (730653) (3) ML440 Handsets and AP20 Access Point Bundle**
- Up to 30 handsets can be registered to one AP20 • Works on all SL1100 systems with #1100111 VoIP Card installed • No digital extension required
  - Up to 20 AP20s Per System • Up to 8 simultaneous calls per Access Point
  - Handset charger has spare battery charging compartment • AP20 uses DHCP and requires PoE
- 730658** Ceiling Mount Bracket for AP20 **730661** Leather Case  
**730657** Spare Battery **730659** Spare/Replacement Handset Charger



- Q24-FR000000119653**  
**(Formerly 730098) Digital Cordless DECT Telephone**
- 1.9GHz DECT 6.0 technology.
  - Large Display (1 5/16" x 1 13/16")
  - (4) Fixed feature keys • (4) Soft Keys
  - (1) Navigation Key
  - (8) Programmable Function Keys
  - Speakerphone (hands-free) feature/half-duplex
  - Vibrating Ringer
  - Headset Jack (2.5mm)
  - Connects to a digital station port

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## THE SL2100 – A POWERFUL, FULL-FEATURED SYSTEM FOR SMB

### NEC SL2100 Communications System

With NEC's SL2100, you can ensure that your team stays connected through its wide-range of communication tools that accommodate flexible workspaces and allow free roaming wherever they are.

With VoIP capabilities, it puts Unified Communications within reach of small businesses or it can be used as a resilient TDM solution with future-proof upgrade potential. It also presents considerable savings and functionality over and above alternative hosted solutions.

#### Featuring:

- Slide-in Card Slots • Built-in InMail – 4-Port / 2-Hour
- Built-in VoIP – (8) Channels
- Self-labeling, Gigabit compatible IP Telephone
- ACD provides (8) ACD Groups, each with up to (128) agents
- ACD agents can log into more than one group
- Optional Remote Conference License
- PRI Interface is now a daughter board
- Optional Rack Shelf for Chassis
- SL Net up to (50) SL2100 sites • SL Net with existing SL1100 sites
- Integrates with new Color LCD Cordless & ML440 Handsets
- **5-Year Hardware Warranty**

#### All Phones Feature:

- Full-duplex Hands-free speakerphone • Backlit 3-line/24-character display • Dialpad (not backlit) • User Programmable Function Keys • (4) Soft Keys • Navigator Key
- Tri-color (Red/Green/Orange) Call Indicator LED • 2-Step Leg Angle Adjustment • Headset Jack • 9-Ft handset cord



SL2100 System Capacities				
Total System Ports Allowed		System with	System with	System with
		(1) Chassis	(2) Chassis	(3) Chassis
		209	240 ***	240 ***
<b>Trunks</b>	<i>Combined Analog/Digital/IP Maximum</i>	<b>97</b>	<b>128</b>	<b>128</b>
	<i>Combined Analog &amp; Digital</i>	33	66	99
	Analog	12	24	36
	Digital – PRI/T1	24	48	72
	IP Trunk (SIP/H.323)	64	64	64
<b>Stations</b>	<i>Combined Analog/Digital/IP Maximum</i>	<b>112</b>	<b>112</b>	<b>112</b>
	<i>Combined Digital and IP</i>	<b>112</b>	<b>112</b>	<b>112</b>
	<i>Combined Analog &amp; Digital</i>	38	76	106
	Analog Terminal **	32	64	96
	Digital Terminal *	24	48	72
	IP Terminal (IP-MLT/Std SIP)	112	112	112

DSS Consoles utilize standard digital station ports. Maximum of (12) DSS Consoles per system.

\*\* NEC Doorboxes utilize standard analog station ports (on the Digital/Analog Combo Station Card only). Maximum of (6) NEC Doorboxes per system.

\*\*\* The system port maximum is actually (256), which is the (240) total plus (16) InMail ports. Note: Although the SL2100 can have up to (112) IP stations and up to (64) IP trunks, the maximum amount of IP resources (or talk paths) is (128), so be cautious when configuring IP applications.

### SL2100 System Kits



**BE117448**  
SL2100 Chassis / CPU Combo Package

- Consists of:
- (1) BE116491 SL2100 Chassis
  - (1) BE116496 SL2100 CPU Card
  - Includes 4-port / 2-hour InMail
  - Includes (8) VoIP Channels
- This kit can be used as the base for:
- IP-only applications, where trunk and/or station cards are not required
  - Small digital configurations.



**BE117449** SL2100 Digital Quick-Start Kit with 12-Button Telephones (3x8x2)

- Consists of:
- (1) BE116491 SL2100 Chassis
  - (1) BE116496 CPU Card – Includes 4-port / 2-hour InMail
  - Includes (8) VoIP Channels
  - (1) BE116502 15-Hour InMail SD Card
  - (1) BE116510 3-Port CO Trunk Daughter Board
  - (1) BE116506 8-Digital/2-Analog Station Card
  - (4) BE117451 Digital 12-Button Telephone (Black)
  - (1) A20-030439-001 Installation Cable



**BE117450** SL2100 Digital Quick-Start Kit with 24-Button Telephones (3x8x2)

- Consists of:
- (1) BE116491 SL2100 Chassis
  - (1) BE116496 CPU Card – Includes 4-port / 2-hour InMail
  - Includes (8) VoIP Channels
  - (1) BE116502 15-Hour InMail SD Card
  - (1) BE116510 3-Port CO Trunk Daughter Board
  - (1) BE116506 8-Digital/2-Analog Station Card
  - (4) BE117452 Digital 24-Button Telephone (Black)
  - (1) A20-030439-001 Installation Cable

## SL2100 Chassis / CPU Expansion Cards

### BE116491 SL2100 Chassis

- Equipment cabinet used for Main and Expansion Chassis.
- Slide-in card slots allow for easy installation and maintenance.
- Contains the following:
  - Power Supply and Power Cord, CPU/EXIFE card slot, (4) slots for station cards and Connector for external backup battery
- Wall mountable



### BE116496 SL2100 CPU Card

Provides:

- (8) VoIP channels • (4) ports of InMail/VRS with (2) InMail storage hours
- (4) Mobile Extension Clients
- Telephony Resources – for DTMF, Dial Tone/Busy Tone detection, and FSK Caller ID receiver/sender • Tone Sender – for system tones and DTMF • Conference Resources

Contains:

- Ethernet port (RJ45)
- Connector for VoIP Daughter Board (VOIPDB) – required for additional VoIP channels (up to system max of 128) • Connector for Expansion Card (EXIFB)
- Connector for InMail SD card (for additional storage)
- Slot for memory backup battery (CR2032, included)

### BE116501 SL2100 Expansion Interface Daughter Board for Main Chassis

Provides:

- Interface to (1) or (2) additional chassis
- Additional (12) ports of InMail/VRS (no additional storage)
- Additional Telephony Resources – for DTMF, Dial Tone/Busy Tone detection, FSK Caller ID receiver/sender • V.34 analog modem

### BE116504 SL2100 Expansion Interface Card for Expansion Chassis

Provides:

- Interface to Main Chassis
- Additional Telephony Resources – for DTMF, Dial Tone/Busy Tone detection, FSK Caller ID receiver/sender
- Equipped with connector for Cat5 expansion cable

## SL2100 InMail / VRS

### InMail

- Provides automated attendant and voice mail functions.
- Initially equipped with (4) ports of built-in InMail/VRS, 2-hours of storage and a single language

InMail provides:

- (128) Subscriber Mailboxes
- (32) Group Mailboxes
- (32) Routing Mailboxes

Built-in InMail features include:

- Cascading Message Notification
- Automatic Access to Voicemail by Caller ID
- Security Code (Password) Option
- Hotel/Motel Check-In (Messages, Greeting, Name, & Security Code automatically deleted upon Check-In)
- Find-Me/Follow-Me
- Park and Page
- Message Notification Queuing

### VRS

- VRS (Voice Response System) allows up to (100) system messages, which can be used as General Messages, a Preamble for the receptionist, and ACD Delay Announcements.
- Storage provided by the InMail SD Cards is also used for VRS system messages.
- The maximum duration per VRS message is 4 minutes.

### BE116502 InMail SD Card – Small / 1G

Provides:

- Approximately (15) hours of storage • (25) additional Languages

### BE116503 InMail SD Card – Large / 4G

Provides:

- Approximately (120) hours of storage • (25) additional Languages

### BE116501 Expansion Interface Card for Main Chassis

In addition to its system expansion capabilities, this expansion card also provides (12) additional InMail/VRS ports.

### BE116751 InMail Email Notification License

Provides notification of a InMail message via E-Mail Notification or Text Messaging



## Additional Hardware / VoIP Daughter Board



### Q24-FR000000127823

### Rack Shelf for SL2100 Chassis

- Allows single chassis to be installed in a 19-inch rack
- One rack shelf required per chassis
- For multiple chassis installations, allow 1.75 inches (1U) between rack shelves

### A20-030439-001

### Installation Cable

- 14Ft. Open Ended 25-pair with (6) 8-pin modular plugs.
- Provides connection between chassis cards & MDF.
- On the SL2100, each Installation Cable can connect:
  - Up to (24) Digital Stations or Up to (12) Analog Stations or Up to (18) Analog CO Trunks

### BE116500

### VoIP Daughter Board with (16) VoIP Channels

- Provides (16) VoIP channels – when more than the (8) built-in VoIP channels are required.
- Disables the (8) built-in VoIP channels.
- Allows addition of VoIP channels – in increments of (16), up to the system maximum of (128).

VoIP channels are used for IP phones, IP trunks, and IP networking

Additional VoIP channels require one or more 16-Channel VoIP Licenses (see below)

### BE116744

### Additional 16-Channel VoIP Resource License

- Provides an additional (16) VoIP Channels, when a VoIP Daughter Board is installed.
- Note: (8) VoIP channels are built into the SL2100 CPU. When the VoIP Daughter Board is installed, the (8) built-in channels are no longer available.
- Maximum of (7) 16-Channel VoIP Licenses can be added to a VoIP Daughter Board.
- Maximum (128) VoIP channels per system.

## SL2100 Trunk Interface Card SIP Trunk License

### BE116510

### 3-Port CO Trunk Daughter Board

- Provides interface for (3) standard loop-start CO trunks.
- Equipped with (1) 8-conductor interface jack.
- Must be installed on 082U, 008U, or 000U Cards.
- Max (1) daughter board per 082U, 008U, or 000U.
- Max of (4) can be installed in each Chassis (Main & Exp).
- Max of (12) can be installed per system.

### BE116512

### PRI/T1 Interface Daughter Board

- Provides interface for (1) PRI or T1 circuit.
- Equipped with (1) 8-conductor RJ-45 interface jack.
- Must be installed on 082U, 008U, or 000U Cards.
- Max (1) per Main or Expansion Chassis. • Max (3) per system.

### BE116509

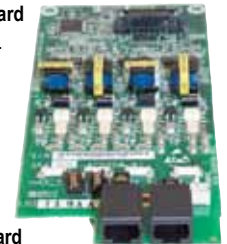
### CO Trunk Mounting Card

- Allows addition of (1) 3-Port CO Trunk Daughter Board (3COIDB) or (1) PRI Daughter Board (1PRDB), when system has fewer station cards than CO Trunk/PRI Daughter Boards.
- Only required for system configurations with fewer station cards than CO Trunk/PRI Daughter Boards.
- Installs in any universal slot of Main or Expansion Chassis

### BE116745

### 1-Port SIP Trunk License

- Required for each SIP trunk. • Requires a VOIP channel.
- (8) VoIP channels are provided on the SL2100 CPU.
- Additional VoIP channels require the VoIP Daughter Board
- Maximum (64) SIP Trunks allowed per system.





## SL2100 Extension Cards

### BE116506

#### 8-Port Digital / 2-Port Analog Combo Station Card

Provides interface for (8) digital stations (12/24-button telephones and DSS consoles) and (2) analog stations.

Also provides (2) audio interfaces for:

- (1) Music Source (for Music-on-Hold or Background Music) • (1) External Paging Zone
- Equipped with (4) 8-conductor interface jacks: (2) for (8) digital stations, (1) for (2) analog stations (or Doorboxes), (1) for Music-on-Hold or Background Music input, and External Paging Zone output, and (2) relay circuit connections.
- Installs only in universal slots 1-3 of Main or Expansion Chassis.
- Allows addition of (1) 3-Port CO Trunk Daughter Board (3COIDB) or (1) PRI Daughter Board (1PRDB).
- Maximum (3) per Main or Expansion Chassis. • Maximum (9) per system



### BE116507

#### 8-Port Analog Station Card

Provides interface for (8) analog stations (not NEC Doorboxes).

- Equipped with (4) 8-conductor interface jacks.
- Allows addition of (1) 3-Port CO Trunk Daughter Board (3COIDB) or (1) PRI Daughter Board (1PRDB).
- Maximum (4) per Main or Expansion Chassis. • Maximum (12) per system

### BE116746

#### 1-Port 3rd-Party SIP Station License (uMobility)

- Required for each 3rd-Party SIP telephone or Smartphone (uMobility)
- Requires VOIP channel (8 are built into the CPU)
- Maximum (112) SIP Stations (SL2100 & 3rd-Party) per system

### BE116747

#### Encryption License

- Provides encryption for all NEC multi-line IP Telephones in a system.
- Compatible with SL2100 (and SL1100) IP telephones only.
- Not compatible with ML440 handsets or 3rd Party SIP terminals.
- Not supported for SIP trunks or SLNet connections

## Other System License

### BE116749

#### SLNet 8-Channel License

Provides (8) channels of VoIP networking capability between SL2100 sites. Additional SLNet 8-Channel Licenses can be added to a site – depending on the network traffic requirement. A maximum of (16) SLNet 8-Channel Licenses is allowed per site. A minimum of (1) SLNet 8-Channel License is required for each site in the network.

Maximum of (50) sites in a network.

Features include:

- Centralized Network Attendant • Centralized or local InMail voice mail system
- Intercom between all sites • Share trunks between all sites
- BLF and Centralized Park Orbits across network

Maximum combined network trunk and station ports total is 256

### BE116750

#### Remote Conference License

- Allows an outside party to call directly into a conference call by dialing a Remote Conference pilot number & entering a password.
- Max (4) Remote Conference Calls per system.
- Each conference that accepts remote callers requires (1) license.
- Up to maximum of (16) participants per conference call.
- Maximum (32) combined total of participants per system

### BE116756

#### 3rd Party CTI License

System-wide TAPI 2 license. Based on the TAPI 2 application, can provide:

- Reduced TAPI Feature Set • Caller ID data to the PC
- Telephone Control (off-hook, on-hook, and dialing)
- Only one 3rd-Party CTI connection allowed per system

### BE116760

#### Web Video Conference License

- Provides video conference session for single party, using WebRTC.
- System allows up to (4) 8-user video conferences.
- Also includes voice conferencing & screen sharing.



## ACD / Contact Center Licenses

### CBE116752

#### ACD License

Provides Automatic Call Distribution feature.

Capacity per system –

- (8) ACD Groups - Each with a maximum of (128) Agents - Each with (1) ACD Supervisor

### BE116765

#### Contact Center Basic License Bundle

Provides PC features related to the SL2100 ACD license:

- Real-time desktop display of ACD/Contact Center status
- Reporting of Contact Center status and activity

Consists of:

- (1) Basic Contact Center Feature License
- (1) Contact Center Monitor License
- (15) additional Monitor licenses (BE116766) can be added.

System must be equipped with ACD License (BE116752).

### BE116766

#### Contact Center Additional Monitor License (Qty 1)

Enables (1) additional PC client for:

- Real-time desktop display of ACD/Contact Center status
- Reporting of Contact Center status and activity

System must be equipped with ACD License (BE116752) and Contact Center Basic License Bundle (BE116765). Maximum of (15) Additional Monitor Licenses can be added



## Call Reporting Licenses

### BE117547

#### InControl Call Reporting License Package

Provides call reports for all users in an SL2100 system.

Consists of:

- (1) InControl Server License • (1) InControl Reporter License

### Q24-DN000000127929 InControl Call Reporting

#### Add-on Reporter License

- Allows (1) additional manager (user) to run reports. (One reporter license is included in the basic package.)
- Maximum of (99) Add-On Licenses allowed

### BE117472

#### SMDR License

- Provides output of Station Message Detail Reporting details.
- Required for non-NEC call reporting software.

## uMobility Client

### uMobility Client

SIP application that connects a supported smart device to the SL2100 over the customer's WiFi network.

Provides a user with a SIP softphone for:

- iPhone® & iPad® • Android™ Phone & Android™ Tablet

Available at no charge from the associated App store, as "NEC uMobility."

The following functions are allowed:

- Answer incoming calls to the associated SL2100 system directly from the smart phone
- Make calls from the smart phone using the SL2100's outside lines, masking your personal cell phone number
- Use the smart phone through WiFi at the office, at home, or at a public hotspot (VPN is required) • Hold calls & transfer calls to other stations in the SL2100
- Access the SL2100 voice mail from the smart phone

### SL2100 system requirements:

Although the "app" is provided at no charge, each uMobility station uses an SL2100 IP station port, and therefore requires (1) 1-Port 3rd-Party SIP Station License. The SL2100 system must be equipped with an appropriate amount of IP channels. The system has (8) built-in IP channels. If more IP channels are required, add the VoIP Daughter Board (BE116500) – and if appropriate, additional VoIP channel licenses (BE116744).



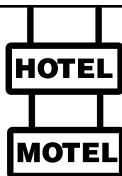
## Hotel / Motel License

### BE116753

#### Hotel/Motel Feature License

Provides Hotel/Motel features, such as:

- Wake Up Call
- Single Digit Dialing Menu
- Message Waiting
- Room-to-Room Calling Restriction
- Toll Restriction (When checked in)
- Room Status (set and monitor)
- Room Status Reports
- InMail Integration (Check-in)



## SL2100 Telephones

**All Phones Feature:** • Full-duplex Hands-free speakerphone • Backlit 3-line/24-character display • Dialpad (not backlit) • User Programmable Function Keys • (4) Soft Keys • Navigator Key • Tri-color (Red/Green/Orange) Call Indicator LED • 2-Step Leg Angle Adjustment • Headset Jack • 9-Ft handset cord



**BE117451 Digital 12-Button Telephone (Black)**

- (12) User Programmable Function Keys
- Includes wall mounting hardware



**BE117452 Digital 24-Button Telephone (Black)**

- (24) User Programmable Function Keys
- Includes wall mounting hardware



**BE117453 IP Self-Labeling Telephone (Black)**

- (11) Fixed Feature Keys
- Equipped with large dual purpose display for:
  - Basic station functions
  - (4) 8-Key Screens for a total of (32) User Programmable Function Keys
- Equipped with (2) RJ45 jacks for LAN and PC connections – Provides Gigabit connectivity
- Requires power by Power over Ethernet only – cannot be powered by AC adapter
- Requires optional wall mount kit (BE110790) for wall mounting

**BE116519 60-Button DSS Console (Black)**

- (60) User Programmable Function Keys for single-button access to extensions, trunks, and system features
- Equipped with a 2-Step leg angle adjustment and wall-mounting hardware.
- Each DSS uses a digital station port (whether it is paired with a digital or an IP telephone).
- Maximum of (12) DSS Consoles per extension.
- Maximum of (12) DSS Consoles per system



**BE109741 Doorbox**

- Self-contained intercom unit, typically used at an entrance door.
- Maximum (2) per 082U Card.
- Maximum (6) per system
- Connects to an analog station port on 082U Cards only (BE116506)



**BE113158 Wireless Headset Adapter**

- Provides interface for Plantronics wireless headsets instead of purchasing and installing Plantronics HL10 remote handset lifter
- Installs in adapter slot under telephone



**Plantronics APD-80 (For IP Phone Above Only)**

The APD-80 is an Electronic Hookswitch (EHS) Adapter Cable that allows connection of Plantronics Savi 7xx and CS5xx series cordless headsets to SL2100 IP telephones.



### Additional Accessories

- Q24-FR000000128534** PoE Injector for SL2100 IP Telephone – Provides power to a single IP telephone – if not using a PoE data switch
- Q24-FR000000127819** Designation Sheets for 12-Button Telephone (Package of 25)
- Q24-FR000000127820** Designation Sheets for 24-Button Telephone (Package of 25)
- Q24-FR000000127821** Designation Sheets for 60-Button DSS (Package of 25)
- Q24-FR000000127822** Designation Sheets for For IP Self-Labeling Telephone–Lower Panel only (Package of 25)



## WIRELESS ENDPOINTS AND ACCESS POINTS



**Q24-FR000000113114 SMB Wireless ML440 Package**

- (3) ML440 Handsets** Each handset consists of:
- ML440 Handset • Li-ion Battery Pack – 3.7V 1100mAh • Belt Clip
  - Charger Unit with slot to charge spare battery - Includes wall-mounting hardware
  - AC Adapter for Charger (5.5VDC / 600ma) • Designation strips for extension # and keys

- Features:**
- Dialpad & Speakerphone • Illuminated Color LCD Display • Navigator Key • Volume & Mute keys
  - (4) Fixed feature keys • (3) Soft Keys • (4) Programmable Function Keys • Headset Jack (2.5mm)

- AP20 Access Point** Omni-directional 1.9GHz access point for ML440 DECT Handsets
- Maximum (20) AP20 Access Points per system. • Maximum of (30) ML440 Handsets can be registered to an AP20. The SL2100 system must have a sufficient quantity of VoIP channels.



**Q24-FR000000119653 (Formerly 730098)**

### Digital Cordless DECT Telephone

- 1.9GHz DECT 6.0 technology.
- Large Display (1 5/16" x 1 13/16")
- (4) Fixed feature keys
- (4) Soft Keys
- (1) Navigation Key
- (8) Programmable Function Keys
- Speakerphone (hands-free) feature/half-duplex
- Vibrating Ringer
- Headset Jack (2.5mm) • Connects to a digital station port



**Q24-FR000000113111 (Formerly 730649)**

### Cordless DECT Repeater

- Extends the range of the DTZ-8R-1 or DTL-8R-1 Cordless DECT Telephone • Supplied with AC Adapter (5VDC/500mA) with 6Ft. cord.
- Repeater must be placed within range of the DECT base or another repeater
- Max (6) repeaters per base unit, - (3) in opposite directions
- Does not require a Repeater Programming Kit

**TALK TO THE NEC EXPERTS AT TARGET TODAY**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## VERTICAL UNIFIED COMMUNICATIONS SYSTEMS – MEGA FEATURES, MORE MOBILITY

Think switching to a robust VoIP system is a challenge? Not with the ability to use both digital and VoIP technologies on a single platform. Get mobility and other great features and capabilities usually found only in more complex – and expensive – enterprise systems, all at a price point that fits your SMB budget.

Vertical UC communications systems let you deploy VoIP now or later as your business needs dictate. Protect your communications investment and migrate easily to the full cost-savings benefits of a powerful IP-based system with the ability to tie together analog, digital, IP phones and SIP trunking – all in one system.

### Take Your Communications to the Summit

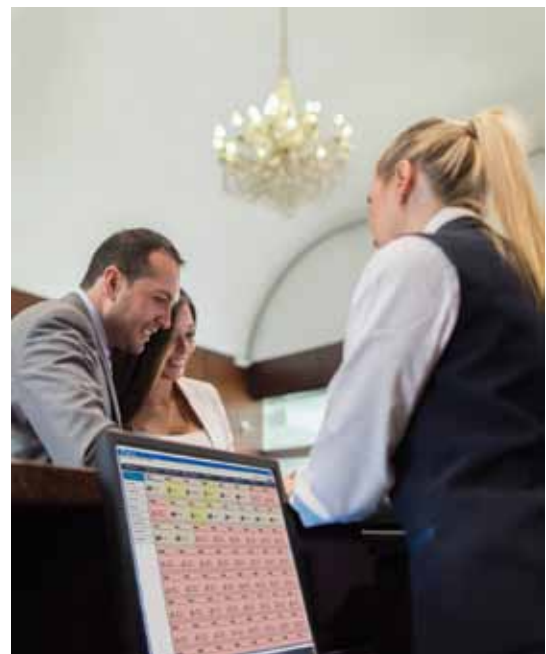


*Available in two models, the Summit offers small to mid-size businesses more ways to cost-effectively service customers, collaborate and work from anywhere.*

Available in two models, the Vertical Summit (for 5-50 users) and the Summit 800 (for 50-800 users) offer flexible, easy to use GUI-based system configuration. Both provide access to advanced UC and mobility applications for desktops and smartphones, including an embedded suite of applications to support hospitality providers with standard features like Check-in/Out, Room Status, Billing, Emergency Call, Wake Up, Registration, mini-bar information and in-room and guest information. (Hospitality suite available with additional license.)

The Summit is built on a multi-cabinet architecture that allows four types of basic system units and one expansion unit to configure a dynamic system that delivers cost-effective communications and affordable expandability to small and midsize businesses. With the Summit and Summit 800, you can quickly network over 250 sites together while creating a simple migration path to the full-feature and cost-saving benefits of the system's built-in VoIP technology.


Easily migrate from analog to IP and expand your communications and collaboration capabilities as you grow. The family of Vertical Summit™ Unified Communications systems offers advanced VoIP technology, low cost SIP trunking, on/off premise mobility and remote connectivity in a cost-effective, hybrid IP/TDM platform.




*The Vertical Summit is the only communications platform with a built-in hotel/motel telephony feature set ideally suited for boutique, small and medium-sized properties. Its exclusive property management interface can be integrated with Fidelio and other existing systems and includes standard features such as room status, wake-up calls, check in/out and more.*



## VERTICAL UNIFIED COMMUNICATIONS SYSTEMS – MEGA FEATURES, MORE MOBILITY

Platform	Features/Benefits	Part No.	Components / Description	
<b>SUMMIT IP 800</b> <ul style="list-style-type: none"> <li>Advanced Applications</li> <li>Large IP Key System</li> <li>50-800 Users</li> <li>Multi-site</li> <li>Licensed Applications*</li> </ul> 	<ul style="list-style-type: none"> <li>Hybrid IP/TDM architecture</li> <li>Easily expands, scales for up to 800 users</li> <li>Mobile client interface for iOS &amp; Android Smartphone</li> <li>Integrated voice mail auto attendant</li> <li>Unified Messaging standard, including .wav file attachment via email</li> <li>Wireless DECT option for in-building mobility solution</li> <li>UCS Mobile licenses included</li> <li>UCS Standard Desktop licenses included</li> <li>ClickCall licenses included</li> <li>Web-based administration</li> <li>Dedicated hospitality feature set (IP Attendant/Hotel)*</li> <li>Supports networking with Summit IP, and SBX IP platforms</li> </ul>	<b>VS-5500-00</b> <b>VS-5500-01</b> <b>VS-5530-08</b> <b>VS-5537-128</b> <b>VS-5591-DTIB</b> <b>VS-5591-SLIB</b> <b>VS-5571-00</b> <b>VS-5532-04</b> <b>VS-5532-08</b> <b>VS-5532-12</b> <b>VS-5532-24</b> <b>VS-5531-04</b> <b>VS-5531-08</b> <b>VS-5531-12</b> <b>VS-5531-51</b> <b>VS-5533-12</b> <b>VS-5533-24</b> <b>VS-5500-80</b> <b>VS-5500-99</b>	Basic KSU Expansion KSU MPB 800 VoIP 128 Port BKSU, PSU, MPB (incl. 6D+6S Intf), LCOB12, DTIB24 BKSU, PSU, MPB (incl. 6D+6S Intf), LCOB12, SLIB24 Power Supply Unit (PSU) 4-Port DECT Interface Board (WTIB4) 8-Port DECT Interface Board (WTIB8) 12 DKT Interface Board (DTIB12) CHAMP Type 24 DKT Interface Board (DTIB24) CHAMP Type 4 LCO Interface Board (LCOB4) 8 LCO Interface Board (LCOB8) 12 LCO Interface Board (LCOB12) T1/PRI Interface Board (PRIB) 12 SLT Interface Board (SLIB12) CHAMP Type 24 SLT Interface Board (SLIB24) CHAMP Type Voice Mail Interface Board (VMIB) Wall Mount Bracket	
		<p>* Available with additional license and/or server</p>		

Platform	Features	Part No.	Components / Description	
<b>SUMMIT IP</b> <ul style="list-style-type: none"> <li>Advanced Applications/UC/Mobility</li> <li>Medium IP Key System</li> <li>5-50 Users</li> <li>Licensed Applications*</li> </ul> 	<ul style="list-style-type: none"> <li>Hybrid IP/TDM architecture</li> <li>Easily expands, scales for up to 140 users</li> <li>Mobile client interface for iOS &amp; Android smartphones &amp; tablets*</li> <li>Integrated voice mail/auto attendant</li> <li>Unified Messaging standard, including .wav file attachment via email</li> <li>Wireless DECT option for in-building mobility solution</li> <li>(2) Free SIP softphones</li> <li>Web-based administration</li> <li>Dedicated hospitality feature set (IP Attendant/Hotel)*</li> <li>Supports networking with Summit IP 800, and SBX IP platforms</li> </ul>	<b>VS-5000-38B</b> <b>VS-5000-330B</b> <b>VS-5000-3E8B</b> <b>VS-5000-3E24B</b> <b>VS-5000-00</b> <b>VS-5001-00</b> <b>VS-5000-816</b> <b>VS-5001-PRI</b> <b>VS-5099-00</b> <b>VS-5000-RM</b> <b>VS-5030-00</b> <b>VS-5002-00</b> <b>VS-5032-48</b> <b>VS-5033-416</b> <b>VS-5035-00</b> <b>VS-5080-00</b> <b>VS-5090-08</b> <b>VS-5090-09</b> <b>VS-5090-11</b> <b>VS-5090-12</b> <b>VS-5090-13</b> <b>VS-5090-16</b> <b>VS-5090-15</b> <b>VS-5092-25</b> <b>VS-5092-26</b> <b>VS-5090-14</b>	4x8 9008 Pkg.: 4COx8Dx4S, 4port 16hr VM & (3) 9008-00 8-Button Digital Phones 4x8 9030 Pkg.: 4COx8Dx4S, 4port 16hr VM & (3) 9030-00 30-Button Digital Phones 4x8 E700 8Btn Pkg.: 4COx8Dx4S, 4port 16hr VM, (3) Edge 700 8-Button Digital Phones 4x8 E700 24Btn Pkg.: 4COx8Dx4S, 4port 16hr VM, (3) Edge 700 24-Button Digital Phones 4x8 System: 4COx8Dx4S, 4port 16hr VM 0x8 System: 0COx8Dx4S System, 4port 16hr VM 8x16 System: 4COx8Dx4S, 4port 16hr VM with 4x8 Expansion T1/PRI System: 0COx8Dx4S, 4port 16hr VM with PRI Interface Board Summit Installation Cable Rack Mount Bracket Modem Unit Expansion KSU 4COx8 Hybrid Ext 4x8 Expansion Board 4COx8 Hybrid Ext 4x16 SLT Expansion Board 4COx16SLT PRI Interface Board VM & VoIP Expansion Resource Board (VVMU) VoIP Channel Expansion License VoIP Channel Expansion License for VVMU (per seat) VM Channel Expansion License for VVMU (per port) VM Memory Expansion License for VVMU (15 hours) Mobile Extension License/inc. Virtual Extension (per seat) SIP Extension License (per seat) Fidelio Interface License (per system) IP Extension License, 10 Port (Only required for greater than 32 IP ports) IP Extension License, 1 Port (Only required for greater than 32 IP ports) Hotel Features License (per system)	
		<p>* Available with additional license and/or server</p>		

**TARGET IS YOUR BEST SOURCE FOR VERTICAL PHONE SYSTEMS**

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## PHONES FOR VERTICAL SUMMIT

Part Number	Description	Summit IP	Summit IP 800
VIP-9002-00	Edge 9000 4-Button IP Phone	X	X
VIP-9820-00	Edge 9000 10-Button IP Phone/HD Full Duplex	X	X
VIP-9830-00	Edge 9000 24-Button IP Phone/HD Full Duplex	X	X
VIP-9812-DSS	Edge 9000 12-Button IP DSS (for use on 9020/9030 only)	X	X
VIP-9824-DSS	Edge 9000 24-Button IP DSS (for use on 9020/9030 only)	X	X
VIP-9824-LSS	Edge 9000 24-Button IP LCD DSS (for use on 9020/9030 only)	X	X
VU-9008-00	Edge 9000 8-Button Digital Phone/HD Full-Duplex	X	X
VU-9048-00	Edge 9000 48-Button DSS	X	X
VU-9030-00	Edge 9000 30-Button Digital Phone/HD Full-Duplex Backlit	X	X
VU-9208-00	Edge 9200 8-Button Non-Backlit Half-Duplex Phone	X	X
VU-9224-00	Edge 9200 24-Button Non-Backlit Half-Duplex Phone	X	X
VU-9224F-00	Edge 9200 24-Button Backlit Full-Duplex Phone	X	X
VU-9240-00	Edge 9200 24-Button Backlit Full-Duplex Large LCD Phone	X	X
VU-9248-DSS	Edge 9200 48-Button DSS Console	X	
VS-5032-99	Wireless DECT System Interface Board/4-Channel (WTIB)	X	
VS-5092-10	UCS Mobile Client License (per seat)	X	
VS-5092-06	UCS Standard Desktop Client License (w/o voice, per seat)	X	
VS-5092-08	UCS Premium Desktop Client License (w/o voice, per seat)	X	
VS-5092-07	UCS Standard Desktop Client License (w/voice, per seat)	X	
VS-5092-09	UCS Premium Desktop Client License (w/voice, per seat)	X	X
VS-UCSDP	Summit 800 UCS Premium Desktop Client License (w/o voice) (per seat, up to 600)		X
VS-UCSDPV	Summit 800 UCS Premium Desktop Client License (w/voice) (per seat, up to 600)		X
VS-UCSDS	Summit 800 UCS Standard Desktop Client License (w/o voice) (per seat, up to 200)		X
VS-UCSDSV	Summit 800 UCS Standard Desktop Client License (w/voice) (per seat, up to 200)		X
VS-UCSM	Summit 800 UCS Mobile Client License (per seat, up to 600)		X
VS-5032-98	Wireless DECT System Base Station	X	X
VS-9007-00	Wireless DECT System Handset	X	X
VW-E700-24-8PB	Edge 700 24-Button Digital Telephone (8 Pack)	X	X
VW-E700-24B	Edge 700 24-Button Digital Telephone	X	X
VW-E700-8-8PB	Edge 700 8-Button Digital Telephone (8 Pack)	X	X
VW-E700-8B	Edge 700 8-Button Digital Telephone	X	
VW-E700-C48	Edge 700 48-Button Console	X	X
4008-00	Edge 4000 8-Button Digital Telephone	X	X
4024-00	Edge 4000 24-Button Digital Telephone	X	X
4010-00	Edge 4000 DSS Unit	X	X
3560-08	Door Phone Box with Call Button	X	X
V11000	Vertical Cordless DECT Phone	X	X

## Edge 9200 Series Phones • DECT Cordless


**VU-9208-00**

- Edge 9200 8 Button Non-Backlit Half Duplex Phone
- 2 lines 2x24 character LCD display without backlight
  - 8 flexible buttons with dual-color LEDs
  - Half duplex speaker phone

**VU-9208-00-8P**

- As above in 8-Pack


**VU-9224-00**

- Edge 9200 24 Button Non-Backlit Half Duplex Phone
- 3 line 3x24 character LCD display without backlight
  - 24 flexible buttons with dual-color LEDs
  - Half duplex speaker phone • Supports 48-button DSS
  - Supports EHSA

**VU-9224-00-8P** • As above in 8-Pack

**VU-9224F-00**

- Edge 9200 24 Button Backlit Full Duplex Phone
- 3 line 192x36 graphic LCD display with backlight
  - 24 flexible buttons with dual-color LEDs
  - Full duplex speaker phone • Supports EHSA
  - Supports 12, 24, and 48-button DSS

**VU-9224-00-8P** • As above in 8-Pack

**VU-9240-00**

- Edge 9200 24 Button Backlit Full Duplex Large LCD Phone
- 8 line 320x144 graphic LCD with backlight
  - 24 flexible buttons with dual-color LEDs (2 pages of 12 each) • Full duplex speaker phone
  - Supports 12, 24 and 48-button DSS
  - Supports EHSA


**VU-9248-DSS**

- Edge 9200 48 Button DSS Console
- 48 LED flexible buttons
  - Paper underlay
  - 3-color LED
  - Requires external power
  - Maximum of 4 cascading

**V-11000**

DECT Cordless Phone

- Full color LCD display 240x320
- Speakerphone
- 4 flexible function buttons
- 4 quick dial buttons
- 4 one-touch buttons to access
- CONFERENCE, HOLD, TRANSFER and REDIAL features (or other programmed features)
- Headset jack (2.5mm)
- Handset volume control
- Vibrate/ringer alert • Ringer volume control
- Out-of-range protection • Low-battery protection
- Base station supports up to 6 repeaters for extended range



## Latest Summit IP Bundles Available


**WITH 9200 SERIES PHONES**
**VS-5000-3VU24**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 16hr Voice Mail
- 3 Edge 9200 24 Button Non-Backlit Half Duplex Phones (VU-9224-00)

**VS-5000-3VU24F**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 16hr Voice Mail
- 3 Edge 9200 24 Button Backlit Full Duplex Phones (VU-9224F-00)

**VS-5000-3VU8**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 16hr Voice Mail
- 3 Edge 9200 8 Button Non-Backlit Half Duplex Phones (VU-9208-00)

**VS-5000-8VU24**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 16hr Voice Mail
- 8 Edge 9200 24 Button Non-Backlit Half Duplex Phones (VU-9224-00)

**VS-5000-8VU24F**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 16hr Voice Mail
- 8 Edge 9200 24 Button Backlit Full Duplex Phones (VU-9224F-00)

**VS-5000B-3VU24**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 1hr Voice Mail
- 3 Edge 9200 24 Button Non-Backlit Half Duplex Phones (VU-9224-00)

**VS-5000B-3VU24F**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 1hr Voice Mail
- 3 Edge 9200 24 Button Backlit Full Duplex Phones (VU-9224F-00)

**VS-5000B-3VU8**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 1hr Voice Mail
- 3 Edge 9200 8 Button Non-Backlit Half Duplex Phones (VU-9208-00)

**VS-5000B-8VU24**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 1hr Voice Mail
- 8 Edge 9200 24 Button Non-Backlit Half Duplex Phones (VU-9224-00)

**VS-5000B-8VU24F**

- Vertical Summit KSU equipped for 4CO x 8D x 4S
- 4-port 1hr Voice Mail
- 8 Edge 9200 24 Button Backlit Full Duplex Phones (VU-9224F-00)

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## KX-NS700 HYBRID IP PBX FOR UP TO 250 USERS

Designed specifically for small or medium-sized businesses looking to take advantage of Panasonic's reputation for quality technology, without needing a huge budget, the KX-NS700 unified communications solution is a small system with the ability to manage big future growth. Easy to install and maintain, it's a cost-effective legacy and IP communication system for companies with up to 250 users in a single site that can be flexibly configured and expanded, making it the ideal alternative to cloud-based solutions.

### Smart Hybrid System

The system has sufficient capacity for legacy and IP ports, and an activation key or expansion cabinet that can be used to expand the system when you want. It can even connect to the Panasonic KX-NS1000 system to create a small, medium and enterprise solution.

### Call Center Solution

The KX-NS700 can support the needs of supervisors in call centres, such as queue announcements, live status monitoring, activity reports, automatic conversation recording and Network Attached Storage (NAS)

### Advanced Features

The system starts from only 6 extensions, up to 288 extensions with Expansion Units. It is also a unified communications system which has rich IP features, such as mobile twinning, integrated voicemail and e-mail, instant messaging (chat), and presence information.

### Simplified Installation and Maintenance

The installer can easily program everything related to functions such as PBX and VM, thanks to a built-in web server. Programming can even be carried out remotely.

### System Capacity: KX-NS700

Maximum Total Trunks	180
Maximum Legacy Trunks	116
Maximum IP Trunks	64
Maximum Endpoints	288
Maximum Legacy Endpoints	160
Maximum Single-line Telephones	132
Maximum Digital Proprietary Telephones	156



### SYSTEM COMPONENTS

Part Number	Description
KX-NS700	Main Unit
KX-NS720	Expansion Unit
KX-NS5110	VOIP DSP-S Card
KX-NS5111	VOIP DSP-M Card
KX-NS5112	VOIP DSP-L Card
KX-NS5162	Doorphone Interface Card (DPH2)
KX-NS5170	4-Port Digital Hybrid Extension Card (DHL4C)
KX-NS5171	Doorphone Interface Card (DPH2)
KX-NS5172	4-Port Digital Hybrid Extension Card (DHL4C)
KX-NS5173	8-Port Digital Extension Card (DLC8)
KX-NS5174	16-Port Digital Extension Card (DLC16)
KX-NS5180	6-port Analog Trunk Card (LCOT6)
KX-NS5290	PRI23 / E1 Trunk Card (PRI23)
KX-NS7130	3-port Expansion Master Card (EXP-M)
KX-NS7134	2GB SD Memory Card
KX-NS7135	8GB SD Memory Card
KX-NS7136	16GB SD Memory Card
KX-NSF991W	Expansion Capacity Activation Key
KX-A247X	Wall Mount Kit

### KX-NS700G – For Smaller Installations

- Small Compact Hybrid Communication Solution; the IP and Digital World in One Box
- Built-in Unified Messaging: Voicemail, Call Center, Simplified Maintenance and More
- Supports an Extensive Lineup of Phones that Includes SIP/IP/Digital and DECT Portables
- Pre-installed Cards (KX-NS5110, KX-NS7134, KX-NS5172 & KX-NS5180) and Activation Keys for Small Installations with Option to Unlock



### System Capacity: KX-NS700G

Maximum Total Trunks	102
Maximum Legacy Trunks	38
Maximum IP Trunks	64
Maximum Endpoints	26
Maximum Legacy Endpoints	22
Maximum Single-line Telephones	4
Maximum Digital Proprietary Telephones	18

## KX-NS1000 HYBRID PBX

Based on IP networking technologies, the NS1000 combines advanced telephony features with a scalable framework of applications that have been carefully chosen and optimized for a variety of business types, whether based on a single site or distributed globally. The NS1000 makes communications simple for office workers as well as mobile, remote and home based staff, in environments as diverse as call centers and distribution centers.

The KX-NS1000 offers flexibility and scalability as your business grows from 10 to 1,000 extensions and up to 16 locations. The One-Look Networking software from Panasonic connects multiple units as a single, fully transparent system with centralized administration and reporting.

Existing Panasonic customers can protect their current equipment investments when migrating to a KX-NS1000-centered communications system. Panasonic KX-NCP, KX-TDE and KX-TDA customers can easily transform their system unit into a gateway that interconnects existing analog and digital components, including phones, to the KX-NS1000. This translates into big savings and the convenience of keeping familiar phones in service.

- 10 to 1,000 extensions and up to 16 locations
- Centralized multi-site web-based telephony and voice mail administration
- Built-in, Integrated, Unified Messaging • Seamless, Multi-site Networking
- Supports an Extensive Line-up of Panasonic Phone Options that include SIP/IP/Digital and DECT Portables • Wide Range of Applications Support

### Compatible with:

- Multi Cell DECT Wireless Systems • SIP DECT Wireless Systems
- SIP phones (UT series) • IP proprietary phones (NT series)



### Part Number

Part Number	Description
KX-NS1000	Main Unit
KX-NS1020	Expansion Cabinet (include KX-NS0131)
KX-NS0106	Fax Interface Card
KX-NS0110	VoIP DSP Card (S TYPE)
KX-NS0111	VoIP DSP Card (M TYPE)
KX-NS0112	VoIP DSP Card (L TYPE)
KX-NS0130	Stacking Master Card (STACK-M)
KX-NS0131	Stacking Card (NCP)
KX-NS0132	Stacking Card (TDE)
KX-NS0135	Storage Memory (S TYPE)
KX-NS0136	Storage Memory (M TYPE)
KX-NS0137	Storage Memory (L TYPE)
KX-NS0161	Doorphone Interface Card
KX-NS0180	2-Port Analog Trunk / 2-Port SLT Card (SLC2/LCOT2)
KX-NS0290	PRI23 / 2-Port SLT Card (SLC2/PRI23)
KX-NS8290	PRI Adapter
KX-NCP0158	8 Chan. DECT Cell Station and Interface Card (IP)
KX-A421	Optional Power Supply (PSLP1662) for the KX-NCP0158 cell station

## KX-TDA50G – HYBRID IP PHONE SYSTEM FOR UP TO 50 USERS

The KX-TDA50G can support up to 12 CO lines and 56 extensions and up to 28 wireless handsets. All of the Panasonic KX-T7000, 7200, 7300, 7400, 7600, 7700 and DT-300/500 series proprietary telephones work with the KX-TDA50G system. So, if you already own a Panasonic system with one of these phone series it will be less expensive to upgrade to this system. Also, while you are upgrading, please don't forget that the KX-TDA50G can also be easily upgraded to our multi-cell wireless telephones, so it's easy to keep on top of things in a busy working environment.

### Email Integration and Voice Mail with Auto Attendant

Add a KX-TVA series voice processing system and easily manage calls using the built-in automated attendant service, voice mail with email integration, and more. With the high level of integration between the TVA and the TDA50G, you can enjoy features like voice mail LCD menus that allow you to access and manage your voice mailbox using the LCD display and soft keys.



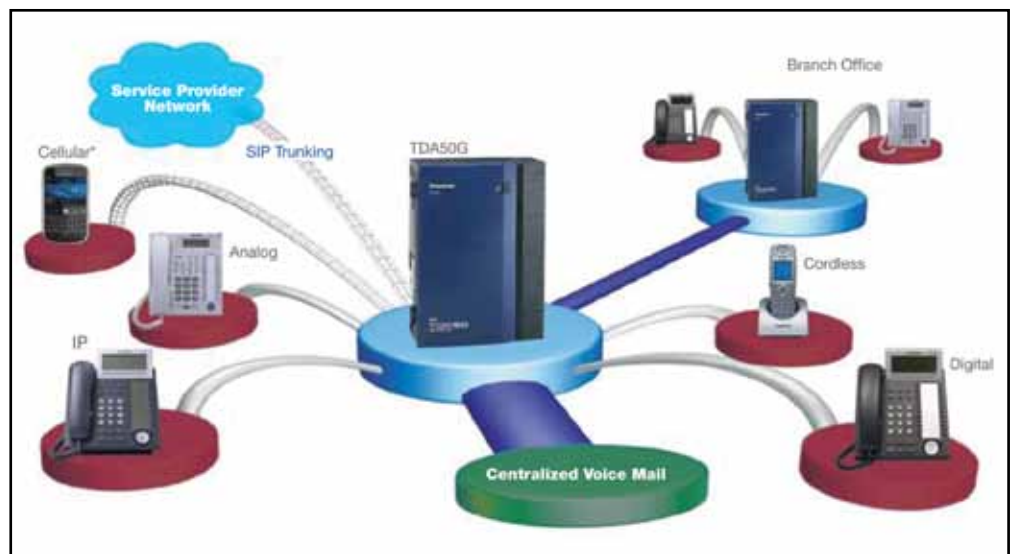
### VoIP Softphone

- Allows a PC to Operate as a system telephone
- 24 Programmable CO keys with Dual Color Indicators
- 6-Line Alphanumeric Display with Interactive Soft Keys
- Easy-to-Use Keyboard or Mouse Operation
- Message Waiting Indicator for VF
- Network Connection Indicator

### Features Include:

- The KX-TDA50G is initially configured for 4 lines and 4 extension ports
- Expandable to 12 CO lines 56 extensions\*
- Built-in Caller ID
- The 28 extension ports can support up to 28 wireless handsets, 48 wired telephones and 8 cell stations\*
- PC based programming
- DXDP (Digital Extra Device Port)
- Automatic Route Selection (ARS)
- Toll Restriction • VoIP • Voice Mail Integration
- SD Memory Card to maintain programmed system features as well as to allow for easy upgrades as new system features are made available
- Uses proprietary system phones, proprietary wireless handsets, single line sets and door phones
- Uniform Call Distribution (UCD)

\*Requires the installation of KX-TDA5105 Memory Expansion Card using DXDP and an additional KX-A236 power supply.



SYSTEM COMPONENTS

Model	Description
KX-TDA50G	Cabinet, equipped 4 CO & 4 ports
KX-TDA5105	Memory Expansion Card (Requires Rev. 1.1)
KX-TDA5161	4-Port Doorphone/Door Opener Card
KX-TDA5166	8-Channel Echo Cancellation Card
KX-TDA5168	SLT Extension Caller I.D. Card
KX-TDA5170	4-Port Hybrid Extension Card
KX-TDA5171	4-Port Digital Extension Card
KX-TDA5172	8-Port Digital Extension Card
KX-TDA5173	4-Port SLT Card with 4 DTMFs
KX-TDA5174	8-Port SLT Card with 8 DTMFs

Model	Description
KX-TDA5175	4-Port Proprietary Extension Card
KX-TDA5176	8-Port Proprietary Extension Card
KX-TDA5180	4-Port Loop CO Card with 2 Power Fail Ports
KX-TDA5193	4-Port Caller I.D. Card
KX-TDA5196	Remote Programming Card
KX-TDA5450	4-Channel SIP Gateway Card
KX-TDA5451	4-Channel SIP Gateway Expansion
KX-TDA5470	4-Channel VoIP Extension Card
KX-TDA5480	4-Channel VoIP Gateway Card
KX-A236	KX-TDA50G Additional Power Supply

### KX-TVA50 Voice Mail System

- 2-ports/4-hours, expandable to 6-ports/8-hours
- 64 mailboxes • 1 USB port • Automated attendant
- E-mail integration • Remote and on-site PC programmable
- Live call screening • Intercom paging
- Paging notification with call back number
- Variable playback speed • Two way record and MORE

### KX-TVA50 Expansion and Feature Cards

KX-TVA502	2-port DPT/APT/SLT Interface Card
KX-TVA503	2-port DPT Interface Card
KX-TVA524	4-Hour Memory Expansion Card
KX-TVA594	LAN I/F Card
KX-TVA296	Remote Modem Card
KX-A249	19" Rackmount Bracket for KX-TVA50



### VOICE MAIL SYSTEMS

#### KX-TVA200 Voice Mail System

- 4-ports, expandable to 24 ports • 1000-hours of storage
- 1024 mailboxes • USB port and RS232 ports
- Automated attendant • E-mail integration
- Remote and on-site PC programmable
- Live call screening • Intercom paging
- Paging notification with call back number
- Variable playback speed • Two way record and MORE

#### KX-TVA200 Expansion and Feature Cards

KX-TVA204	4-port DPT Interface Card
KX-TVA296	Remote Modem Card
KX-A244X	19" Rackmount Bracket for KX-TVA200



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## ENDPOINTS FOR KX-TDA50G and KX-NS 700/700G SYSTEMS



### KX-DT546-B Digital Phone

- 6-line LCD with backlighting
- 24 programmable function keys
- Plantronics compliant EHS
- Full duplex speaker phone
- KX-A433-B Wall Mount Kit



### KX-DT543-B Digital Phone

- 3-line LCD with backlighting
- 24 programmable function keys
- Plantronics compliant EHS
- Full duplex speaker phone
- KX-A433-B Wall Mount Kit



### KX-DT521-B Digital Phone

- 1-line LCD with backlighting
- 8 programmable function keys
- Full duplex speaker phone
- Intuitive user interface
- KX-A432-B Wall Mount Kit



### KX-DT590-B Digital DSS Console

- 48 DSS buttons
- Direct connect to the KX-DT543 or KX-DT546
- Max of 4 DSS console per phone



### KX-NT560-B Gigabit IP Phone

- 4.4 inch Backlight LCD Display
- 4 x 8 Self-Labeling, Flexible CO Buttons
- 2 Ethernet Ports (1000 Base-TX)
- Power-over-Ethernet (PoE)
- Built-in Bluetooth for Headset



### KX-NT556-B Gigabit IP Phone

- 6-Line Backlight LCD Display
- 24 Self Labeling Flexible CO Buttons
- 2 Ethernet Ports (1000 Base-TX)
- Plantronics compliant EHS
- Full duplex speaker phone



### KX-NT553-B Gigabit IP Phone

- 3-Line Backlight LCD Display
- 24 Self Labeling Flexible CO Buttons
- 2 Ethernet Ports (1000 Base-TX)
- Plantronics compliant EHS
- Full duplex speaker phone



### KX-NT551-B Gigabit IP Phone

- 1-Line Backlight LCD Display
- 8 Self Labeling Flexible CO Buttons
- 2 Ethernet Ports (1000 Base-TX)
- Plantronics compliant EHS
- Full duplex speaker phone



### KX-NT546-B 10/100 IP Phone

- 6-Line Backlight LCD Display
- 24 Flexible CO Buttons
- 2 Ethernet Ports (100 Base-TX)
- Plantronics compliant EHS
- Full duplex speaker phone



### KX-NT543-B 10/100 IP Phone

- 3-Line Backlight LCD Display
- 24 Flexible CO Buttons
- 2 Ethernet Ports (100 Base-TX)
- Plantronics compliant EHS
- Full duplex speaker phone



### KX-NT505-B IP DSS Console

- 48 DSS buttons
- Direct connect to the KX-NT553 or KX-NT556
- Max of 4 DSS console per phone



### KX-NS0154 Cell Station

- 4-Channel DECT IP Cell Station
- Use with KX-NS500 and KX-NS1000
- Supports: Panasonic KX-TD7685, KX-TD7695, KX-TD7696, KX-WT125, KX-WT126, KX-TCA185, KX-TCA285 and KX-TCA385

### KX-WT125 DECT 6.0

#### Entry Model

- 8 CO Line Status Display
- 1.8" Backlit LCD Display
- Illuminated Keypad
- Programmable Keys
- Built-in Speakerphone
- Uses standard rechargeable AAA Battery



### KX-TCA185 DECT 6.0

#### Wireless Phone

- 1.8 inch color LCD Display
- Noise reduction
- DECT paging
- Call log (PBX)
- 12 flexible keys
- 3 soft keys
- Full duplex speaker phone • Vibration



### KX-T0155 Cell Station

- 2-Channel DECT Cell Station
- Use with NS, KX-TDA, TDE, NCP and TAW 848 Systems

- Supports: Panasonic KX-TD7685, KX-TD7695, KX-TD7696, KX-WT125, KX-WT126, KX-TCA185, KX-TCA285 and KX-TCA385



### KX-T0158 Cell Station

- 2-Channel DECT Cell Station
- Use with KX-TAW, KX-TDA, KX-TDE, and KX-NCP IP PBX

- Compatible with the KX-TD7685, KX-TD7695 and KX-TD7696 D.E.C.T. portable handsets only



### KX-TCA285 DECT 6.0

#### Wireless Phone

- 1.8 inch color LCD
- Noise reduction
- DECT paging
- Call log (PBX)
- 12 flexible keys
- 3 soft keys
- Vibration
- Full duplex speaker phone • Bluetooth



### KX-TCA385 DECT 6.0

#### Ruggedized Wireless Phone

- 1.8 inch color LCD
- IP65 compliant dust and splash resistant
- Shock resistant
- Noise reduction
- DECT paging
- Call log (PBX)
- 12 flexible keys • 3 soft keys • Vibration
- Full duplex speaker phone • Bluetooth



### KX-A432-B (Black) KX-A432 (White) Wall Mount

- Wall mount for KX-DT521/NT551 (black shown)



### KX-A433X (Black) KX-A433-W (White) Wall Mount

- Wall mount for KX-DT543/DT54/ NT553/ NT556 (black shown)

### KX-A236 Power Supply

- Additional power supply for the KX-TDA50G



The DECT 6.0 handsets require either the KX-NS0154, KX-T0155 or KX-T0158 cell station card in order to function.



## SMART IP WIRELESS PHONE SYSTEM

### KX-TGP600

The Panasonic KX-TGP600 DECT Phone System offers a great value single cell DECT solution that is remarkably easy to set up and manage. Its automated provisioning function enables easy deployment plus remote configuration of settings and handset management. Support for up to 8 DECT handsets / up to 8 SIP registrations

- Up to 8 simultaneous network conversations • Easy setup and maintenance with auto provisioning
- Wall mountable • Broadsoft/BroadWorks Certified
- Includes a KX-TPA60 handset • 1.8" color LCD screen
- HD wideband audio (G.722)
- 500 phone book address/20 last dialed number memory
- Full duplex handset speakerphone
- Headset jack (2.5mm)
- Belt Clip
- Battery Life: Stand-by 200 hours, Talk-time 11 hours
- Battery Charge Time: 6 hours



### KX-TPA60 Wireless Basic Handset for KX-TGP600

- 1.8" color LCD with backlight
- HD wideband audio (G.722)
- 500 phone book address
- 20 last dialed number memory
- Soft keys
- Local or network intercom
- Full duplex handset speakerphone
- Headset jack (2.5mm)
- Belt Clip
- Battery Life: Stand-by 200 hours, Talk-time 11 hours
- Battery Charge Time: 6 hours



### KX-TPA65 Wireless Desk Phone for KX-TGP600

- Compatible with the KX-TGP600 SIP cordless phone system, the KX-TPA65 desktop DECT phone offers a significant advantage over traditional desk phones. While it features the same range of desktop functionality as its wired competitors, the phone's DECT capabilities mean no wired LAN is required for installation, making the process quick, convenient and straightforward anywhere there's an electrical outlet nearby. In addition, the KX-TPA65 desktop DECT phone can work alongside any combination of up to seven additional Panasonic cordless or desktop DECT phones.
- 1.8" Color LCD with Backlight • Color LED Indicator (blue)
  - High-definition Audio (G.722)
  - Integrated Headset Jack (2.5mm)
  - Easy Installation Without Wired LAN
  - Up to 500 Phone Book Addresses



### KX-A406 Wireless Repeater

The coverage area of the base unit is approximately 300m outdoors and 50m indoors, depending on the environment. Because some users require greater coverage, the system can include an optional wireless repeater, the KX-A406, which can expand the practical communication area to around 200m indoors.

- Compatible with wideband audio
- Up to 3 units installable with a cascade connection
- Up to 4 calls simultaneously
- Up to 6 units can be registered to the KX-TGP600



### KX-UDT121 Cordless Phone Handset for the KX-TGP600

### KX-UDT131 IP65 Dust & Water Resistant Cordless Phone Handset for the KX-TGP600

The NEW KX-UDT121 and KX-UDT131 fully featured cordless phones are supported by the KX-TGP600 SIP cordless phone system. Both models feature a full duplex hands-free mode and headset support, giving the user plenty of options to continue working during a conversation. For demanding environments, the KX-UDT131 is a rugged phone that provides IP65-level dust and water resistance.

In addition to the KX-TPA60 phone already included with the KX-TGP600 system, a KX-UDT121/131 phone can work alongside any combination of up to seven additional Panasonic cordless or desktop DECT phones.

#### Common Features

- 1.8" color, backlit LCD display • Vibrating alert • Bluetooth • Up to 2 SIP accounts • Full duplex Speakerphone
- HD wideband audio (G.722) • 500 phone book address • Redial • Do-Not-Disturb
- Calling party name and number presentation • DTMF Dialing During Call • 3-party conference • Call hold
- Call transfer • Distinctive ringing • Firmware Update over the air • Phonebook transfer via Bluetooth
- Up to 13 hours talk time • Up to 200 hours stand-by • 3 hour recharge time • Swivel type belt clip



KX-UDT121

Ruggedized  
KX-UDT131

#### Features for KX-UDT131 Only

- IP65 Dust and Splash Resistance • 2.5mm headset jack • Spring-type belt clip



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## CORDED and CORDLESS SIP TELEPHONES

### SIP VP-T49G

#### A Revolutionary SIP Video Collaboration Phone

Yealink's video collaboration phone T49G is designed for executives and teleworkers. It strikes the perfect balance between simplicity and sophistication, enabling high quality communications for business executives and professionals alike. With an enlarged, eight-inch, liquid crystal display (LCD) touch screen measuring 1280 x 800 pixels, as well as high definition (HD) video and audio, the T49G facilitates seamless and efficient collaboration between employees, business partners, key stakeholders and customers.



#### Features Include:

- 8" 1280 x 800 capacitive (10 points) touch screen IPS LCD
- Full-HD 1080p30 video call • 2 mega-pixel HD camera with privacy shutter
- Built-in Bluetooth 4.0+ EDR for headsets and pairing mobile devices
- Built-in Wi-Fi (Dual-band:2.4GHz & 5GHz, 802.11a/b/g/n)
- Standard HDMI output for connection to monitor
- USB port (2.0 compliant) for media and storage applications • Up to 16 SIP accounts
- 3-way video conferencing • 5-way audio/video mixed conferencing

### W60-PACK SIP DECT Cordless Phone System

The Yealink W60 Package, being a high-performance SIP cordless phone system, is the ideal solution for small and medium-sized businesses. Pairing with up to a total of 8 Yealink W52H/W56H DECT handsets, it allows you to enjoy superb mobility and efficient flexibility immediately as well as significantly eliminates additional wiring troubles and charges. To provide a better and higher performance, this DECT IP phone not only supports up to 8 VoIP accounts and 8 concurrent calls, but also speeds up its startup and signal connection, slashes its upgrade downtime as well.



#### Features Include:

- 2.4" 240 x 320 color screen with intuitive user interface • Up to 8 concurrent calls
- Up to 8 DECT cordless handsets • Up to 8 VoIP accounts
- Supports Opus audio codec • Up to 30-hour talk time
- Up to 400-hour standby time
- Quick charging: 10-min charge time for 2-hour talk time
- Noise Reduction System
- Headset connection via 3.5 mm jack



### EXP20 LCD Expansion Module

- A diverse range of actionable, LCD-accessible icons
- 160 x 320 graphic LCD with backlight
- 20 physical, dual-color LED programmable keys
- 18 additional keys available
- Supports up to six modules
- Two accessible pages
- Stand with two adjustable angles
- Two or less expansion modules can be powered by the host phone
- Compatible with SIP-T27P, SIP-T29G



### EXP40 LCD Expansion Module

- Backlit 160 x 320 LCD with 16-level gray scale
- 20 keys each with a dual-color LED
- 20 additional keys through page switch
- Supports up to 6 modules daisy-chain
- Dual-color LED for status information
- Programmable for Shared Line, BLF List, BroadSoft Group, Call Park, Conference, Forward, Group pickup, Group listening, LDAP, Pick UP, XML Browser, Zero-SP-Touch
- Compatible with SIP-T46G, SIP-T48G

### YEA-W56P SIP DECT Phone with Super Long Battery Life

#### YEA-W56H Additional Handset

- High-end ID design
- Exceptional HD sound with wideband technology
- Up to 4 simultaneous voice calls
- Up to 5 DECT Cordless Handsets Per base depending on your needs
- DECT radio coverage up to 50m indoors and 300m outdoors
- Up to 5 Multiple Lines
- 2.4" 240 x 320 color screen with intuitive user interface • Paging, Intercom, Auto answer
- Full-duplex handset speakerphone • 3-way conferencing
- 12 key keypad, 5 navigation keys, 2 softkeys, 6 function keys, 6 shortcut keys
- **Up to 30 hours talk time, Up to 400 hours standby time**
- Quick charging: 10 mins charge time for 2 hours talk time
- Message Waiting Indication (MWI) • Supports USB charging
- Headset connection via 3.5 mm jack • Charger wall mountable
- New belt clip with better user experience



### EXP50

#### T5 Series Color LCD Expansion Module

The Yealink T5 Series IP phones can be fully equipped with up to three EXP50 Colorscreen Expansion Modules, while adding 180 additional buttons at most. Three pages of 20 flexible button with dual-color LED shown on the display can be programmed up to 60 various features that can be used for speed dialing, BLF/BLA, call forward, transfer, etc.



#### Features include:

- 4.3" 272 x 480-pixel color screen
- Color icons for rich visual experience
- 20 physical keys on each page with dual-color LEDs
- Three independent control keys with illuminated LED for fast switching pages
- Supports up to 3 modules daisy-chain
- Stand with 2 adjustable angles



### YEA-W52P SIP DECT Phone

#### YEA-W52H Additional Handset

- HD sound with wideband technology
- Up to 4 simultaneous external calls
- Up to 5 DECT cordless handsets
- Range is up to 50 meters indoors; up to 300 meters outdoors dependent upon conditions • Up to 5 VoIP accounts
- 1.8" color display • 11 hours talk time, 120 hours standby time
- Desktop or wall mountable • Paging, Intercom, Auto answer
- Call hold, Call transfer • 3-way conferencing
- Call waiting, Mute, DND • Caller ID display, Redial
- Call forward (Always/Busy/No Answer) • Message Waiting Indication (MWI)
- Auto-provision via FTP / TFTP / HTTP / HTTPS • Auto-provision with PnP
- Full-duplex speakerphone



### EHS36 Wireless Headset Adapter



- Compatible with SIP-T48G, T46G, T42G, T41P, T38G, T28P, T26P
- Compatible with Jabra, Plantronics, and Sennheiser wireless headsets
- Answer and end calls through remote wireless headset key
- Plug and play, easy to use

### YHS33 Wired Headset



- Ultra noise cancelling microphone
- Quick disconnection cord
- Weighs only 50g
- 330° rotatable microphone boom
- Pliable steel headband, large size ear pad
- Compatible with SIP-T2X, SIP-T3X and SIP-T4X Series phones

## T5 SERIES SIP SMART MEDIA TELEPHONES

### SIP-T52S Gigabit Smart Media 2.8-Inch Color Screen Phone

Especially designed for busy executives and professionals, Yealink SIP-T52S is an ease-of-use Media IP Phone with a 2.8-inch color-screen and a distinctive new appearance. For its simplified and human-friendly design as well as user interface, it brings the IP phone and users closer and unceasingly boosts the operating experience



- 2.8" 320 x 240-pixel color display with backlight
- Built-in Bluetooth 2.0
- USB 2.0 port for USB recording and wired/wireless USB headsets
- Opus Codec support • Firmware and Auto-P template unified
- Up to 12 VoIP accounts • Dual-port Gigabit Ethernet
- PoE support • Paperless label design • Wi-Fi via WF40 dongle
- EXP-50 color-screen Expansion Module support • Stand with 2 adjustable angles

### SIP-T56A Gigabit Smart Media 7-Inch Color Touch Screen Phone

The Yealink SIP-T56A is a simple-to-use smart media phone that provides an enriched HD audio experience for business professionals. This all-new smart media phone enables productivity-enhancing visual communication with the ease of a standard phone but with the sophistication of the Android 5.1.1 operating system



- 7 inch (1024 x 600) capacitive touch screen
- Runs Android 5.1.1
- Built-in Bluetooth 4.0+ for headsets and pairing mobile devices • Built-in Wi-Fi • Up to 5-party audio conferencing
- USB 2.0 port (2.0 compliant) for USB headset, media and storage applications
- Opus Codec support • Up to 16 VoIP accounts
- EXP-50 color-screen Expansion Module support
- Stand with 2 adjustable angles • Wall mountable

### SIP-T54S Gigabit Smart Media 4.3-Inch Color Screen Phone

Especially designed for busy executives and professionals, Yealink SIP-T54S is an ease-of-use Media IP Phone with a 4.3-inch color-screen and a distinctive new appearance. For its simplified and human-friendly design as well as user interface, it brings the IP phone and users closer and unceasingly boosts the operating experience



- 4.3" 480 x 272-pixel color display with backlight • Built-in Bluetooth 2.0
- USB 2.0 port for USB recording and wired/wireless USB headsets
- Opus Codec support • Firmware and Auto-P template unified
- Up to 16 VoIP accounts • Dual-port Gigabit Ethernet
- PoE support • Paperless label design • Wi-Fi via WF40 dongle
- EXP-50 color-screen Expansion Module support
- Stand with 2 adjustable angles

### SIP-T58A Gigabit Smart Media 7-Inch Color Touch Screen Phone

The Yealink SIP-T58A is a simple-to-use smart media phone that provides an enriched HD audio experience for business professionals. This all-new smart media phone enables productivity-enhancing visual communication with the ease of a standard phone but with the sophistication of the Android 5.1.1 operating system



- 7 inch (1024 x 600) capacitive touch screen
- Runs Android 5.1.1
- Upgradeable to a 720p30 HD video with optional CAM50 camera module • Built-in Bluetooth 4.0+ for headsets and pairing mobile devices • Built-in Wi-Fi • Up to 5-party audio conferencing
- USB 2.0 port (2.0 compliant) for USB headset, media and storage applications
- Opus Codec support • Up to 16 VoIP accounts • Wall mountable
- EXP-50 color-screen Expansion Module support • Stand with 2 adjustable angles

### SIP-T58V Gigabit Smart Media 7-Inch Color Touch Screen Video Phone

The Yealink SIP-T58V is a simple-to-use smart media video phone that provides an enriched HD audio experience for business professionals. This all-new smart media phone enables productivity-enhancing visual communication with the ease of a standard phone but with the sophistication of the Android 5.1.1 operating system



- 7 inch (1024 x 600) capacitive touch screen • Runs Android 5.1.1 • 720p30 HD video
- Built-in Bluetooth 4.0+ for headsets and pairing mobile devices • Built-in Wi-Fi (802.11b/g/n)
- Up to 5-party mixed audio/video conferencing • USB 2.0 port (2.0 compliant) for USB headset, media and storage applications
- Opus Codec support • Up to 16 VoIP accounts • EXP-50 color-screen Expansion Module support
- Stand with 2 adjustable angles • Wall mountable

## SIP CONFERENCE TELEPHONES



### CP860 SIP Conference Telephone

- 192X64 pixel grayscale graphical LCD with backlight
- Optima HD voice • Full-duplex speakerphone
- 10-foot 360° voice pickup
- Connect 2 optional expansion microphones for a range of up to 16-feet (shown above)
- 3.5 mm port for connecting to a mobile phone or PC
- USB Port; supports USB recording and playback
- 5-party Conference • 1 VoIP account
- Local phonebook with up to 1000 entries
- XML/LDAP remote phonebook
- IPv4/IPv6 • NAT transverse: STUN mode
- 4 context-sensitive "soft" keys
- CPE80 Optional wired microphone for CP860 (each)



### CP920 SIP Conference Telephone

- Optimal HD audio, full duplex technology
- 20-foot (6-meter) and 360-degree voice pickup
- Built-in 3-microphone array
- Sensitive touch keypad
- 3.1" 248x120-pixel graphical LCD with backlight
- Power over Ethernet
- 5-way conference call
- Built-in Wi-Fi • Built-in Bluetooth 4.0
- USB call recording
- Local 3-way PSTN conference via Yealink CPN10



### CP-960 SIP Conference Telephone

- Optima HD audio, full duplex technology
- Yealink Noise Proof Technology • USB call recording
- 20-foot and 360-degree microphone pickup range
- Built-in 3-microphone array • Android 5.1 OS
- 5-inch multi-touch screen with 720x1280 resolution
- 5-way conference call • Built-in Wi-Fi/Bluetooth
- Connects to PC via USB Micro-B port
- CPE90 Optional wired microphones for CP-960 (pair)
- CPW90 Optional wireless microphones for CP-960 (pair)

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## SIP ENDPOINTS

### SIP-T21P-E2 Entry Level Telephone - PoE

Yealink's SIP-T21P E2 takes entry-level IP phones to a level never achieved before. Making full-use of high-quality materials, plus an extra-large 132x64-pixel graphical LCD with backlight showing a clear 5-line data display, it offers a smoother user experience, much more visual information at a glance, plus HD Voice characteristics. Dual 10/100 Mbps network ports with integrated PoE are ideal for extended network use. The T21P E2 supports two VoIP accounts, simple, flexible and secure installation options, plus support for IPv6, Open VPN and a redundancy server. It also operates with SRTP/ HTTPS/ TLS, 802.1x. As a very cost-effective and powerful IP solution, the T21P E2 maximizes productivity in both small and large office environments.

Features include:

- Yealink HD Voice
- Two-port 10/100 Ethernet Switch
- 6 features keys: message, headset, redial, transfer, mute, hands-free speakerphone
- PoE support
- Headset support
- 132 x 64-pixel graphical LCD
- Local 3-way conferencing
- Up to 2 SIP accounts
- Wall mountable
- Simple, flexible and secure provisioning options



### SIP-T23G Enterprise HD Gigabit Telephone - PoE

Yealink's SIP-T23G features intuitive user interface and enhanced functionality which make it easy for people to interact and maximize productivity. Yealink HD technology enables rich, clear, life-like voice communications, outsourced management options, flexible deployment and third-party communications applications. As a cost effective IP solution, it helps users to streamline business processes, delivery a powerful, security and consistent communication experience for small and large offices environment.

Features include:

- Yealink HD Voice
- PoE support
- Up to 3 SIP accounts
- Headset support
- IPv6 support
- Simple, flexible and secure provisioning options
- Dual-port Gigabit Ethernet
- 132 x 64-pixel graphical LCD
- Supports Dual-color LEDs
- Wall mountable
- Paperless design



### SIP-T27G Enterprise HD Gigabit Telephone - PoE

With faster response on the phone's user interface and better device performance, the SIP-T27G IP phone, as the upgraded product of T27P, is Yealink's latest feature-rich tool unifying superior voice capabilities and increased function extension capability for business. Yealink Optima HD technology and wideband codec of Opus deliver a superb sound quality and bring you a life-like voice communications. With an all-new USB port, the SIP-T27G boasts unparalleled functionality and expansibility, which comes ready for future Bluetooth, Wi-Fi and USB recording features. Seamlessly migrated to GigE-based network infrastructure, SIP-T27G IP phone is also built with the Gigabit Ethernet facilitating very rapid call handling.

Features include:

- Yealink Optima HD voice
- Gigabit
- Opus codec support
- Paper label free design
- Headset, EHS support
- 3.66" 240x120-pixel graphical LCD with backlight
- USB 2.0
- Up to 6 SIP accounts
- PoE support
- Supports expansion modules



### SIP-T29G Gigabit Color Telephone - PoE

The SIP-T29G IP Phone is the most advanced model in the Yealink T2x IP terminal series. It has a high-resolution TFT color display, delivers a rich visual experience. Yealink Optima HD technology enables rich, clear, life-like voice communications. Supports Gigabit Ethernet, a variety of device connections, including EHS headset and USB. With programmable keys, the IP Phone supports vast productivity enhancing features.

Features include:

- Yealink Optima HD voice
- 4.3" 480 x 272-pixel color display with backlight
- Busy Lamp Field (BLF)
- Up to 16 SIP accounts
- PoE support
- Stand with 2 adjustable angles
- Simple, flexible and secure provisioning options
- Dual-port Gigabit Ethernet
- Built-in USB port, supports Bluetooth headset (Through USB Dongle)
- Bridged Line Appearance (BLA)
- Paper label free design
- Headset, EHS support
- Wall mountable



### SIP-T40P 10/100 Telephone - PoE

The SIP-T40P is a feature-rich SIP phone for enhancing daily business processes and operations. With a revolutionary new design that supports flexible and secure provisioning (the phone utilizes industry-standard encryption protocols for users to provision and perform software upgrades both in-house and remotely), this advanced IP phone is intuitively designed with ease of use in mind. With programmable keys, the SIP-T40P boasts extensive productivity-enhancing features such as Power over Ethernet (PoE) support, superb high definition (HD) sound quality and a rich visual experience.

Features include:

- Yealink Optima HD voice
- 2x RJ45 10/100M Ethernet ports
- Busy Lamp Field (BLF)
- Paper label free design
- Headset, EHS support
- Wall mountable
- 132 x 64 pixel graphical LCD with backlight
- Up to 3 SIP accounts
- Bridged Line Appearance (BLA)
- PoE support
- Integrated stand with 2 adjustable angles
- Simple, flexible and secure provisioning options



## SIP ENDPOINTS

### SIP-T41S 10/100 Telephone - PoE

The SIP-T41S is a feature-rich business tool for superior communications and extended functionality. It offers a faster, more-responsive interface than the T41P and several performance-enhancing functions. It's a six-line IP phone that comes with built-in programmable keys to enhance productivity. The SIP-T41S with Yealink Optima HD Voice technology and wideband codec of Opus delivers superb audio quality and crystal clear voice communications. With an all-new USB port, the SIP-T41S boasts unparalleled functionality and expansibility, which comes ready for future Bluetooth, Wi-Fi and USB recording features. The Yealink's new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration.

Features include:

- 2.7" 192 x 64-pixel graphical LCD with backlight
- USB 2.0
- T4S firmware unified
- PoE support
- Busy Lamp Field (BLF)
- Headset, EHS support
- Wall mountable
- Opus codec support
- T4S Auto-P template unified
- Up to 6 SIP accounts
- Paperless label design
- Bridged Line Appearance (BLA)
- Integrated stand with 2 adjustable angles



### SIP-T42S Gigabit Telephone - PoE

The SIP-T42S IP phone is a dynamic business communications tool for superior voice communications and extended functionality. It has a faster, more responsive interface than the T42G and offers better overall performance. The SIP-T42S is a 12-line IP phone with multiple programmable keys for enhancing productivity. It is with Yealink Optima HD Voice Technology and wideband codec of Opus for superb sound quality and crystal clear communications. What's more, the SIP-T42S is built with Gigabit Ethernet technology for rapid call handling. Plus, with an all-new USB port, the SIP-T42S boasts unparalleled functionality and expansibility, which comes ready for future Bluetooth, Wi-Fi and USB recording features. The new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration.

Features include:

- 2.7" 192 x 64-pixel graphical LCD with backlight
- USB 2.0
- T4S firmware unified
- PoE support
- Busy Lamp Field (BLF)
- Headset, EHS support
- Integrated stand with 2 adjustable angles
- Opus codec support
- T4S Auto-P template unified
- Up to 12 SIP accounts
- Dual-port Gigabit Ethernet
- Bridged Line Appearance (BLA)
- Paperless label design
- Wall mountable



### SIP-T46S Gigabit Color Telephone - PoE

The SIP-T46S IP phone is the ultimate communications tool for busy executives and professionals. In addition to offering better overall performance than the T46G, this device has a faster interface with a rich, high-resolution TFT color display. Built with Yealink Optima HD technology and wideband codec of Opus, this device enables crystal clear communications. The SIP-T46S is also built with Gigabit Ethernet technology, for rapid call handling and use with accessories like a Bluetooth USB Dongle and a Wi-Fi USB Dongle. The new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration.

Features include:

- 4.3" 480 x 272-pixel color display with backlight
- USB 2.0
- T4S firmware unified
- Dual-port Gigabit Ethernet
- Paperless label design
- Wi-Fi via WF40 dongle
- USB call recording
- Stand with 2 adjustable angles
- Opus codec support
- T4S Auto-P template unified
- Up to 16 SIP accounts
- PoE support
- Headset, EHS support
- Bluetooth via BT40 dongle
- Supports expansion modules



### SIP-T48S Gigabit Color Telephone with a 7-Inch Touchscreen - PoE

The SIP-T48S IP Phone is a dynamic business communications solution for executives and professionals. This phone offers a large touch screen that makes switching between pages and applications swift, easy and convenient. The SIP-T48S is also with Yealink's Optima HD Voice technology and wideband codec of Opus for unparalleled audio clarity. Phone users will think they are sitting in the same room with one another. The phone uses Gigabit Ethernet technology for rapid call handling. Plus, it works in conjunction with Bluetooth USB Dongle and Wi-Fi USB Dongle. The new T4S series offers the same elegant appearance of the T4 line, but with improvements for greater interoperability and collaboration.

Features include:

- 7" 800 x 480-pixel color touch screen with backlight
- USB 2.0
- T4S firmware unified
- Dual-port Gigabit Ethernet
- Paperless label design
- Wi-Fi via WF40 dongle
- USB call recording
- Stand with 2 adjustable angles
- Opus codec support
- T4S Auto-P template unified
- Up to 16 SIP accounts
- PoE support
- Headset, EHS support
- Bluetooth via BT40 dongle
- Supports expansion modules



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## SIP ENDPOINTS

### 6863i

- Up to 2 lines on dedicated line keys with LED
- 3 Programmable keys
- 4-way navigation with Select/OK key
- Dedicated function keys including: Transfer, Callers List, Hold, Redial, Goodbye, Options, 2 volume keys, Mute and Speaker (both with LED)
- Power-over-Ethernet
- Hi-Q™ Audio Technology
- Full-duplex quality speakerphone
- Wideband handset and speakerphone
- Monochrome LCD- 2.75" display
- Dual 10/100 Mbps Ethernet ports with hardware based Ethernet switch



Hi-Q™

### 6865i

- Up to 9 lines with 2 dedicated line keys with LED
- 8 Programmable keys
- 4-way navigation key with Select/OK button
- Dedicated function keys including: Conference, Transfer, Callers List, Hold, Redial, Goodbye, Options, 2 volume keys, Mute and Speaker/Headset (both with LED)
- Hi-Q™ Audio Technology • PoE
- Full-duplex quality speakerphone
- Wideband handset and speakerphone
- 3.4" soft white backlit display
- Dual 10/100 Mbps Ethernet ports with hardware based Ethernet switch
- Supports up to 3 expansion modules



Hi-Q™

### 6867i

- **Gigabit with Color Display**
- Up to 9 lines with 2 dedicated line keys with LED
- 6 Programmable soft keys
- 4 Context Dependent soft keys
- 4-way navigation key
- 3.5" QVGA 320x240 pixel color display
- Dedicated function keys including: Conference, Transfer, Directory, Callers List, Hold, Redial, Goodbye, Info Key, Options, 2 volume keys, Mute (with LED) and Speaker/Headset (with LED)
- Built in USB 2.0 port • PoE Class 2
- Hi-Q™ Audio Technology
- Full-duplex speakerphone with dual mics
- Supports up to 3 expansion modules
- Dual Gigabit Ethernet ports (LAN/PC)



Hi-Q™

### 6869i

- **Gigabit with Large Color Display**
- Up to 12 lines with 2 dedicated line keys
- 12 Programmable soft keys
- 5 Context Dependent soft keys
- 4-way navigation key • 4.3" color display
- Dedicated function keys including: Conference, Transfer, Directory, Callers List, Hold, Redial, Goodbye, Info Key, Options, 2 volume keys, Mute (w/LED) and Speaker/Headset (with LED)
- Built in USB 2.0 port • PoE Class 3
- Aastra Hi-Q™ Audio Technology
- Full-duplex speakerphone w/ dual mics
- Supports up to 3 expansion modules
- Dual Gigabit Ethernet ports (LAN/PC)



Hi-Q™

### Mitel 6873i

- **Gigabit with 7" Color Display**
- Up to 24 lines with 2 dedicated line keys
- 48 Programmable soft keys
- 30 Context-sensitive system soft keys
- Mitel Hi-Q Audio Technology
- Full-duplex quality speakerphone
- Echo cancellation • USB headset support
- 7" 800x480 pixel color Touch backlit LCD display
- Touch QWERTY/AZERTY keyboard
- PoE Class 3 (Dynamic switching to Class 4 with expansion modules)
- Dual 10/100/1000 Mbps Ethernet ports (LAN/PC)



Hi-Q™

### M680 Expansion Module

- Supported on the 6865, 6867, 6869 and 6873
- 16 programmable keys with LEDs
- Paper insert labeling
- Can be daisy chained with the M685 for a combined total of up to 3 modules
- Powered by the phone—no separate power adapter required



### M685 Expansion Module

- Supported on the 6865, 6867, 6869 and 6873
- 28 programmable softkeys with LEDs
- 4.3" 480x272 pixel color backlit LCD display
- Can be daisy chained with the M680 for a combined total of up to 3 modules
- Powered by the phone—no separate power adapter required



### 6730i

- Up to 6 lines with call appearances and LEDs
- 2 dedicated keys
- Full duplex speakerphone
- 3-line LCD display
- Single 10/100 port
- 10 dedicated hard keys for common phone functions
- XML browser
- Hi-Q Audio™
- Includes required AC adaptor



Hi-Q™

### 6731i PoE

- Power over Ethernet
- Full duplex speakerphone
- Up to 6 lines with call appearances and LEDs
- Dual 10/100 switched Ethernet ports
- 2 dedicated keys • 3-line LCD display
- 10 dedicated hard keys for common phone functions
- XML browser
- Hi-Q Audio™
- AC adaptor NOT included (D0023-1051-00-75)



Hi-Q™

### 6739i with Color LCD

- **Bluetooth™**
- Large 5.7" Full VGA Color Touch Screen
- Integrated Gigabit Ethernet and Bluetooth support
- Built-in USB port • Intuitive GUI
- On screen keyboard
- XML support
- Up to 9 lines with call appearances
- Distinctive ringing, priority alerting
- Multi-proxy support • BLF support
- Up to 55 programmable softkeys
- Built-in Local 3-way Conference
- Call forward, Call transfer and Call waiting
- Intercom and Paging with auto answer and much MORE!



Hi-Q™



## SIP CONFERENCE PHONE

### MiVoice SIP Conference Phone P/N 50006850

- Array of 16 microphones for 360-degree sound pickup from up to 12 feet away
- Beamforming technology automatically locates the prime speaker in the room, reduces the noise from the other microphones and provides visual indication of the active microphone beam to users in the room
- Full-duplex speakerphone
- Support for two optional wireless HD audio microphones
- Built-in four party conference bridge
- High-resolution, seven-inch color multi-touch display
- In-room presentation display via built-in HDMI port
- Embedded Pictel SmartOffice suite
- One button selection to collaboration services
- Direct access to Cloud-based services
- Web browser allows multimedia support
- USB (2.0) and Micro SD card slots for direct file access
- PoE and MORE!



## SIP DECT MOBILITY

### RFP 35 IP P/N T0000-68637016

The Mitel RFP 35 indoor IP DECT base station connects to your IP PBX and acts as a SIP endpoint device while giving DECT signaling for up to 20 Mitel SIP DECT handsets. The Mitel RFP 35 can be used in access point deployments of 10 or more access points and a system license key is required.

- All 60 DECT channels supported for maximum use of the DECT capacity
- 8 simultaneous voice channels per RFP, 4 additional channels for switching purposes
- DSAA authentication between base and handset • Support of DECT encryption
- Integrated DECT dipole antenna • 3 LEDs signalling the current operating state
- RFP (L)35 IP can be connected via RJ 45 connector • Connection via Ethernet 100/1000 BaseT
- Quality of service supported by Diff-serv / ToS Flag • Adaptive jitter compensation
- Echo cancellation / suppression • Voice activity detection and comfort noise generator



### RFP 36 IP P/N 68635010

The Mitel RFP 36 outdoor IP DECT base station connects to your IP PBX and acts as a SIP endpoint device while giving DECT signalling for up to 20 Mitel SIP DECT handsets. The Mitel RFP 36 can be used in access point deployments of 10 or more access points and a system license key is required. The Mitel RFP 36 is PoE only.

- All 60 DECT channels supported for maximum use of the DECT capacity
- 8 simultaneous voice channels per RFP, 4 additional channels for switching purposes
- DSAA authentication between base and handset • Support of DECT encryption
- Integrated DECT dipole antenna • 3 LEDs signalling the current operating state
- RFP (L)35 IP can be connected via RJ 45 connector • Connection via Ethernet 100/1000 BaseT
- Quality of service supported by Diff-serv / ToS Flag • Adaptive jitter compensation
- Echo cancellation / suppression • Voice activity detection and comfort noise generator



## SIP DECT HANDSETS

### 612d SIP DECT Handset

- Color TFT display
- Telephone book for 200 contacts (if supported by PABX)
- Ambient noise filter for loud areas
- Hands free operation
- Headset connector (2.5 mm jack)
- Intelligent battery management
- 2 programmable navigation keys
- 3 color multi-purpose LED



### 622d SIP DECT Handset

- Color TFT display
- Telephone book for 200 contacts (if supported by PABX)
- Ambient noise filter for loud areas
- Hands free operation
- Headset connector & Bluetooth® support
- Intelligent battery management
- 2 programmable navigation keys
- 3 color multi-purpose LED
- Mini USB PC interface



### 632d SIP DECT Handset

- Color TFT display
- Telephone book for 200 contacts (if supported by PABX)
- Ambient noise filter for loud areas
- Hands free operation
- Headset connector & Bluetooth® support
- 1 programmable Hotkey
- 3 programmable side Keys
- 1 Emergency key on top
- 2 programmable navigation keys
- Mini USB PC interface



TALK TO THE MITEL EXPERTS AT TARGET TODAY

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## VVX BUSINESS MEDIA PHONES

### VVX™ 101 Series Entry Level 1-Line Business Media Phone

VVX 101 10/100 2200-40250-025 (PoE) 2200-40250-001 (AC)

- 1 line • Basic LCD screen (1-2 character rows plus icon row)
- G.722 support up to 7 kHz on all audio paths (speaker, handset, headset)
- Polycom Acoustic Clarity™ technology providing full-duplex conversations, acoustic echo cancellation and background noise suppression • 10/100 Ethernet port • Voicemail support • Reversible deskstand/wallmount
- Hard Keys: 12-key dialpad, home, speaker, mute, headset, volume
- 4-way navigation cluster with center "select" key • IEEE 1329 full duplex Type 1-compliant speakerphone
- Dedicated RJ-9 headset port • Additional programmable line key • Shared call/bridged line appearance
- Flexible line appearance (one or two line keys can be assigned for phone's registration)



### VVX™ 201 Series 2-Line Business Media Phone with HD Voice

VVX 201 10/100 2200-40450-025 (PoE) 2200-40450-001 (AC)

VVX 201 MS Skype for Business / Lync Edition 2200-40450-019 (PoE Only)

HDvoice



- 2 line • 132x64 monochrome backlit LCD • 2 x Ethernet 10/100
- Polycom HD Voice up to 7 kHz on all audio paths (speaker, handset, headset)
- Hard Keys: 12-key dialpad, home, speaker, mute, headset, volume
- 4-way navigation cluster with center "select" key • Voicemail support • Reversible deskstand/wallmount
- Local three-way audio conferencing • 4-way navigation cluster with center "select" key
- IEEE 1329 full duplex Type 1-compliant speakerphone • Dedicated RJ-9 headset port
- Shared call/bridged line appearance • Flexible line appearance • Electronic hook switch capable



### VVX™ 300 Series 6-Line Business Media Phone with HD Voice

VVX 301 10/100 2200-48300-025 (PoE) 2200-48300-001 (AC)

VVX 311 10/100/1000 2200-48350-025 (PoE) 2200-48350-001 (AC)

VVX 301 MS Skype for Business / Lync Edition 2200-48300-019 (PoE Only)

VVX 310 MS Skype for Business / Lync Edition 2200-48350-019 (PoE Only)

HDvoice



- Backlit grayscale graphical LCD (208 x 104) • 6 line or speed dial keys
- HD Voice up to 7KHz on all audio paths (Speaker, Handset, Headset)
- 2 x Ethernet 10/100 (VVX 301) or GigE (VVX 311) • Asian character support
- Hard Keys: 12-key dial pad, home, speaker, mute, headset, volume, messages, hold, transfer
- 4-way navigation cluster with center "select" key • Supports VVX Expansion Module (Expandability up to 3 modules)



### VVX™ 400 Series 12-Line Business Media Phone with HD Voice

VVX 401 10/100 2200-48400-025 (PoE) 2200-48400-001 (AC)

VVX 411 10/100/1000 2200-48450-025 (PoE) 2200-48450-001 (AC)

VVX 401 MS Skype for Business / Lync Edition 2200-48400-019 (PoE Only)

VVX 411 MS Skype for Business / Lync Edition 2200-48450-019 (PoE Only)

HDvoice



- 3.5" TFT (320 x 240) • 12 lines or speed dial keys • 4-way navigation cluster with center "select" key
- HD Voice up to 7KHz on all audio paths (Speaker, Handset, Headset)
- 2 x Ethernet 10/100 (VVX 401) or GigE (VVX411) • Asian character support
- Hard Keys: 12-key dial pad, home, speaker, mute, headset, volume, messages, hold, transfer
- Supports VVX Expansion Module and VVX Color Expansion Module (Expandability up to 3 modules)



### VVX™ 501 12-Line Business Media Phone with HD Voice

VVX™ 501 2200-48500-025 (PoE)

VVX™ 501 2200-48500-001 (AC)

VVX™ 501 MS Skype for Business / Lync Edition 2200-48500-019 (PoE Only)

HDvoice



- Intuitive, gesture-based color, multitouch interface for voice calls and applications
- Flexible twelve line appearances • Simple, flexible, secure provisioning options
- API for integration with business applications • Microsoft® Exchange® calendar and contacts integration
- Productivity suite with Polycom Desktop Connector to PCs; keyboard and mouse sharing
- Visual conference management with local voice call recording and corporate directory access
- Built-in Web application and Digital Photo Frame • Supports expansion modules • Supports USB camera module



### VVX™ 601 16-Line Business Media Phone with HD Voice

VVX™ 601 2200-48600-025 (PoE) 2200-48600-001 (AC)

VVX™ 601 MS Skype for Business / Lync Edition 2200-48600-019 (PoE Only)

HDvoice



- Large (4.3") TFT (480 x 272) capacitive touch-screen
- Hard Keys: 12-key keypad, home, speaker, mute, volume, headset • Up to 16 line appearances/speed dials
- Video playback and video conferencing via external USB cam • Integrated Bluetooth
- Legendary Polycom HD Voice technology up to 14KHz on all audio paths (Speaker, Handset, Headset)
- 2 x Ethernet 10/100/1000 • 2 x USB 2.0 host • Robust SIP feature stack • Full Browser (Webkit)
- Easy integration with 3rd party UC and productivity applications • Complete API toolkit for custom development
- Supports expansion modules • Supports USB camera module



## VVX BUSINESS MEDIA PHONES

### VVX™ 1500 6-Line Business Media Phone with Video and HD Voice

**2200-18061-025 SIP Only**

**2200-18064-025 Dual Stack – SIP & H.323**

The first business media phone that combines advanced telephony, one-touch video, and integrated business applications into a seamless, lifelike experience

- Make simple & fast (one-touch) calls • Access business info at-a-glance
- Increase remote collaboration, build relationships, and view body language
- Enable innovative third-party applications through highly customizable Polycom XML API
- Intuitive, color touch-screen interface • Six-line, feature-rich phone with Polycom HD Voice™
- Instant, one-touch business-grade video conferencing right from the desktop
- Supports expansion modules • First year maintenance contract required



## VVX Business Media Phone Accessories

### VVX™ USB Camera

**2200-46200-025**

- For VVX 500 & 600
- Adjustable tilt control
- Plug and Play setup
- Normal, Full, Crop video screen modes • Autostart video option
- Local side-by-side, PIP window modes
- Adjustable levels and frame rate
- Anti-Flicker compensation
- 2 color / 4 state status LED



### VVX™ Paper Expansion Module

**2200-46300-025**

- 40 illuminated bi-color LED programmable line keys
- Daisy-chainable for a total of 120 contacts (3 x 40)
- 2 x AUX ports (SPI)
- Expandability up to 3 modules
- Legacy PoE support: Up to 3 modules powered by host phone (VVX 300/400/500/600 Series Phones)



### VVX™ Color Expansion Module

**2200-46350-025**

- 4.3" TFT 480 x 272 pixel resolution LCD screen
- 28 illuminated bi-color programmable line keys; GUI configurable
- 3 Page View soft keys to access total of 84 monitored contacts (3 x 28)
- Polycom Desktop Connector (PDC) support



**2200-48560-001** Universal Power Supply for VVX 301/311/401/411/501/601. 1-pack, 48V, 0.52A, NA, Taiwan and Japan power plug.

**2200-48570-001** Universal Power Supply for VVX 301/311/401/411. 1-pack, 48V, 0.3A, NA, Taiwan and Japan power plug.

**2200-46320-001** Wallmount Bracket Kit for all VVX Expansion Modules. 1-pk.

**2200-44514-002** New VVX Wallmount Bracket kit. For use with VVX 3xx/4xx/500/600 phone. 5-pack. 2200-44514-002

**2200-17682-001** 5-pk HD-Voice handset and cord for VVX 201

**2200-17683-025** Desk Stand/Wall Mount for use with VVX 101/201. 5-Pack.

**2200-40350-001** Universal Power Supply for VVX 100 and 200 Series. 5-pack, 12V, 0.5A, NA power plug.

**2200-44405-025** Desk Stand for use with VVX300/400/500. 5-Pack.

**2200-44415-025** Desk Stand for use with VVX600. 5-Pack. 2200-44415-025

## DECT WIRELESS HANDSET FOR VVX BUSINESS MEDIA PHONES

### VVX™ D60 DECT Wireless Handset

**2200-17821-001 PoE Only**

**2200-17823-001 AC**

**2200-17825-001 Additional Handset**



Workspace mobility at its finest: a scalable, SIP-based, on premise, mobile communications system.

The Polycom VVX D60 Wireless Handset complements the portfolio of Polycom VVX Business Media Phones by offering the convenience of cordless with a simple add-on device without losing the SIP features of the VVX Business Media Phones. The VVX D60 Wireless Handset is an ideal solution for small businesses, retail environments or administrative personnel who need to collaborate on the move throughout their day.

- Combines the freedom of wireless communication with business features usually only available for desk bound users: • Seamless call management while "on-the-go"
- Work space mobility - The freedom to take your conversation no matter where you are in your workplace
- Easy to use and easy to navigate with features like a high-resolution VVX color display, hands-free speakerphone and navigation buttons similar to the VVX Business Media Phones • Easy to operate, reliable performance
- Best in class deployment, configuration and administration through web-based configuration tool
- Provisioning and Management through host phone via Ethernet
- 2" TFT (178x220) color display with backlit LCD • Support for 4 simultaneous calls
- Support pairing up to 5 DECT handsets (for VVX 300, 400, 500 and 600 Series Phones) • HD Voice
- Range: 50m(165ft) indoor/300m(980ft) outdoor • 10/100 POE Base Station with pass-through
- DECT 1.92GHz - 1.93GHz(US), 1.88GHz-1.90GHz(EU) • 10 hours talk time, 100 hours standby
- Wall mountable • Belt clip available (optional) • Dedicated 2.5 mm headset port (external 2.5mm to 3.5mm adapter)



## DECT Wireless Handset Accessories

**2200-17828-001** Battery for VVX D60 Wireless Handset. 5-pack.

**2200-17829-001** Belt clip for VVX D60 Wireless Handset. 5-pack.

**2200-17880-001** Wallmount Bracket kit. For use with VVX D60 Base Station. 5-pack.

**2200-17881-001** VVX D60 kit: Wireless Handset battery, Base Station Wallmount, Wireless Handset Belt Clip

**2215-17824-125** Universal Power Supply for VVX D60. 1-pack, 5.1V, 1.7A.

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## SoundStation SIP CONFERENCE ENDPOINTS

### SoundStation® IP 5000 SIP Conference Phone 2200-30900-025 PoE Only

Enjoy the same remarkably clear, Polycom SoundStation, conference phone experience in a smaller form that's optimized for executive offices and small conference room usability. The Polycom SoundStation IP 5000 delivers Polycom HD Voice technology, broad SIP interoperability, and a modern design -- all at an affordable price. The Polycom SoundStation IP 5000 boosts productivity and reduces listener fatigue by turning ordinary conference calls into crystal-clear, interactive conversations through an IP conference phone that sound as natural as being there.

- Polycom HD Voice technology • Patented Polycom Acoustic Clarity™ technology
- 7-foot microphone pickup and a small footprint designed for executive offices and smaller rooms with up to 6 participants • Compatible with a broad array of SIP call platforms • High-resolution display
- Integrated Power over Ethernet (PoE) for easy installation. Optional AC Power Kit
- Resists interference from mobile phones and other wireless devices



HDvoice



#### Accessories:

**2200-43240-001** AC Power Kit for SoundStation IP5000. Includes power supply, 1.8m/6ft power cord and a Power Insertion Cable (PIC).

### SoundStation® IP 6000 SIP Conference Phone 2200-15660-001 Expandable AC/PoE 2200-15600-001 Expandable PoE Only

Delivering superior performance for midsize conference rooms, the Polycom SoundStation IP 6000 conference phone offers a price-to-performance breakthrough for SIP environments. The SoundStation IP 6000 features Polycom HD Voice technology, which boosts productivity and reduces listener fatigue by turning ordinary conference calls into crystal-clear, interactive conversations that sound as natural as being there.

- Polycom HD Voice technology • Patented Polycom Acoustic Clarity™ technology
- 12-foot (4-meter) microphone pickup – ideal for small to midsize conference rooms.
- Add even greater range with optional expansion mics • Strong, robust SIP software
- Robust VoIP interoperability – Compatible with a broad array of SIP call platforms to maximize voice quality and feature availability • Resists interference from mobile phones and other wireless devices • High-resolution display



HDvoice



#### Accessories:

**2215-07155-001** Expansion (EX) microphone kit for SoundStation IP6000. Includes two EX mics and two 7ft/2.3m cables

**2200-00699-001** Wireless Lapel Microphone with Frequency A = 171.905MHz for SoundStation IP 6000 and SoundStation IP 7000

**2200-42740-001** AC Power Kit for SoundStation IP 6000. Includes power supply, 6ft/1.8m power cord and Power-over-Ethernet Insertion Cable

### SoundStation® IP 7000 SIP Conference Phone 2200-40000-001 Expandable PoE Only 2230-40300-001 Expandable AC/PoE

For all conference calls, the SoundStation IP 7000 delivers advanced audio performance that far exceeds previous generations of conference phones. From full-duplex technology that eliminates distracting drop-outs to the latest echo cancellation advancements, only Polycom can deliver a conference phone experience with no compromises. Connect two units together for increased loudness and microphone pickup, as well as multiple call control interfaces in the conference room.

- Polycom HD Voice technology • Large high-resolution display with XHTML microbrowser
- Robust VoIP interoperability • Patented Polycom Acoustic Clarity™ technology
- Applications Port connects to mobile phones for dialing from rooms without an analog phone line, and connects to a PC
- Strong, robust SIP software • 12-foot (4-meter) microphone pickup – ideal for small to midsize conference rooms.
- Add even greater range with optional expansion microphones
- Resists interference from mobile phones and other wireless devices



HDvoice



#### Accessories:

**2200-40040-001** Expansion (EX) microphone kit for SoundStation IP7000. Includes two EX mics and two 7ft/2.3m cables

### RealPresence Trio 8500

#### 2200-66070-001

- 360° microphone coverage • Up to 14-foot / 4.2-meters microphone pickup
- Easily extend the reach with optional expansion microphones
- Ideal for small to mid-size conference rooms
- Eliminate non-speech background noise with Polycom NoiseBlock
- Simplify call platform transitions with hybrid SIP line registration (up to 3 lines)
- Simplified operation with 5" color touchscreen
- One-touch-join meeting experience through Microsoft Exchange calendar integration
- Mute buttons on each leg for simplified operation and convenience
- Only certified conference phones on the market for Microsoft Skype for Business and Office 365 Cloud PBX
- Connect via USB, Bluetooth/NFC or IP and use Polycom Trio as a speakerphone for cloud based conferences or multi-media playback
- Local 5-way HD Voice conference • Modular design provides investment protection and future application expansion
- 1080p30 USB compression camera • Built-in Power over Ethernet (PoE)
- Simple management and provisioning via RealPresence Manager 10.1 or above



HDvoice



## RealPresence TRIO™ 8800 – SMART HUB FOR GROUP COLLABORATION

### RealPresence Trio 8800

- Exceptional audio capabilities including: Enhanced HD Voice and automatic elimination of background noise
- Effortless pairing for audio over USB (wired), Bluetooth, NFC (wireless) and IP using PC-based soft clients, personal contacts or joining calendared events
- One-step-to-join meeting experience through calendar integration
- 360 ° microphone coverage and up to 20-foot (6-meters) microphone pickup.
- 5" LCD, color touch screen display



### RealPresence Trio 8800 Systems

**2200-66070-001** RealPresence Trio 8800 IP conference phone with built-in Wi-Fi, Bluetooth and NFC. 802.af/at Power over Ethernet. SHIPS WITHOUT POWER KIT. Incl. 7.6m/25ft Ethernet cable, 1.8m/6ft USB 2.0 cable and Setup Sheet.

**2200-66070-019** Microsoft Skype for Business/Lync edition RealPresence Trio 8800 IP conf. phone with Polycom UCS Lync License, built-in Wi-Fi, Bluetooth and NFC. 802.af/at PoE. WITHOUT POWER SUPPLY. Incl. 7.6m/25ft Ethernet cable, 1.8m/6ft USB cable and Setup Sheet.

### RealPresence Trio Collaboration Kits

**7200-25500-001** RealPresence Trio 8800 Collaboration Kit, 802.3af/at PoE. Incl. Trio 8800, Trio Visual+, Logitech Webcam C930e and 1 yr Partner Premier. Ships with Ethernet cables (2.1m/4.5m/7.6m), 2m USB cable, 1.8m HDMI cable, VESA mount. NO POWER KIT.

**7200-25500-018** Microsoft Skype for Business/Lync edition RealPresence Trio 8800 Collab. Kit, 802.3af/at PoE. Incl. Trio 8800, Trio Visual+, Logitech C930e, E-net cables (2.1m/4.5m/7.6m), 2m USB and 1.8m HDMI cable, VESA mount and 1 yr Partner Premier. NO POWER KIT

### Accessories:

- 2200-13339-001** RealPresence Trio Visual+. 802.3af Power over Ethernet. Incl. 1.8m/6ft HDMI cable, 4.5m/15ft Ethernet cable, VESA compliant mount and Setup Sheet. Incl. 1 year Partner Premier.
- 2200-41220-001** Cable - Two (2) expansion microphone cables, 2.1m/7ft for SoundStation VTX 1000, SoundStation2 EX, SoundStation2W (Expandable), SoundStation Duo and SoundStation IP 6000
- 2200-41220-002** Cable - Two (2) expansion microphone cables, 4.6m/15ft for SoundStation VTX 1000, SoundStation2 EX, SoundStation2W (Expandable), SoundStation Duo, SoundStation IP 6000 and CX3000
- 2200-65790-001** Expansion Microphone kit for RealPresence Trio 8800. Incl. two expansion microphones and two 2.1m/7ft cables.
- 2457-17977-001** Replacement CAT-5e network cable for connecting RealPresence Trio 8800 to the network. 7.6m/25ft cable length. Shielded.
- 2457-20202-001** Replacement USB 2.0 cable for RealPresence Trio 8800. 2m/6.6ft cable with right-angle right Micro-B/male to Type A/male for using RealPresence Trio 8800 as USB speakerphone for VoIP calls via computer based applications.
- 2457-28808-004** Cable, HDMI(M) to HDMI(M), 1.829m/6ft.
- 7200-23490-001** Power Kit for RealPresence Trio 8800 and Trio Visual+. Incl. 100-240V, 0.8A, 55V/36W, IEEE 802.3at compliant mid-span power injector for 10/100/1000 Mbps Ethernet. Ships with 2.7m/9ft power cord with NA plug and 2.1m/7ft Ethernet cable.

## SoundStation DUO CONFERENCE ENDPOINT

### SoundStation Duo™ Dual Mode Analog and IP Conference Phone

#### 2200-19000-0001 AC

- Best-in-class investment protection – Operates in analog telephony environments and supports the migration to VoIP
- Broadest VoIP interoperability – Compatible with a broad array of SIP call platforms to maximize voice quality and feature availability while simplifying management and administration
- Polycom HD Voice technology
- Strong, robust SIP software – Leveraging the most advanced SIP endpoint software in the industry, with advanced call handling, security, and provisioning features
- Lower cost of deployment and administration – Web configuration tool makes setup simple and eliminates the need for a boot server
- Applications Port – Connects to mobile phones for dialing from rooms without an analog phone line, and connects to a PC or tablet to become a high-quality conference phone for Internet calling
- Resists interference from mobile phones and other wireless devices while delivering clear voice conferencing with no distractions
- Up to 10-foot (3-meter) microphone pickup range. Optional expansion microphones for even larger room coverage



### Accessories:

- 2200-07817-001** Cable - 2.5mm cell phone cable 1.2m/4ft for use with SoundStation Duo
- 2200-15855-001** Expansion Microphone Kit for SoundStation Duo. Includes two expansion mics and 2.1m (7ft) cables
- 2200-17240-002** Computer Calling Kit-use SoundStation Duo as speakerphone for VoIP calls via computer based softclients. 1.5m/5ft cable connects phone to a computer's 3.5mm mic/line in and line out jacks
- 2200-19050-001** AC Power Kit for SoundStation Duo. Includes Power Supply, Power Cord with North American plug, Power Injection Module (PIM) with 21ft/6.4m combined PSTN/Cat5 cable, 7ft/2.1m RJ-11 PSTN cable and 7ft/2.1m Cat5 cable
- 2200-41220-001** Cable - Two (2) expansion microphone cables, 2.1m/7ft for SoundStation VTX 1000, SoundStation2 EX, SoundStation2W (Expandable), SoundStation Duo and SoundStation IP 6000
- 2200-41220-002** Cable - Two (2) expansion microphone cables, 4.6m/15ft for SoundStation VTX 1000, SoundStation2 EX, SoundStation2W (Expandable), SoundStation Duo and SoundStation IP 6000
- 2457-19047-001** Cable - 3.5mm mobile device cable 1.2m/4ft for use with SoundStation Duo. For devices with iPhone (R) style wiring and wiring used by many Samsung, Sony Mobile Communications and Nokia mobile devices

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## SYNAPSE – THE COMPLETE SOLUTION FOR GROWING SMBs

### System Features

- Capacity: Extensions: Up to 100; PSTN lines: Up to 16
- Supports DHCP Servers for Automatic IP Address Assignment
- Automated Attendant • Caller ID • 30 Minutes of Voicemail Storage per Extension • Upgradable Software • System-wide Paging • Transfer
- 3-Party Conference • Custom Recording of On Hold Messages • DND
- 100 Number System Phonebook • Call Forwarding • Redial Log
- Call Park & Retrieve • Ring Groups • Auto Clock Setting Using NTP
- A Maximum of 5 Desksets May Be Equipped With an SB67040 Cordless Accessory Handset

**Synapse™**



### SB67035 Power-over-Ethernet Deskset

- 5 Inch Backlit Display
- Supports cordless and corded headsets
- DECT 6.0 base supports a cordless twin extension
- Speakerphone • Power-over-Ethernet
- Context-sensitive help text and soft keys
- Web-based customization and administration
- DND • Fully integrated digital answering system



### SB67080 Deskset Expansion Module

- Pairs with SB67035 and SB67025

### SB67025 Power-over-Ethernet Deskset

- 2.75 Inch Backlit Display
- Built-in DECT 6.0 technology that pairs with AT&T's cordless headset (TL7600)
- Context-Sensitive Feature Softkeys
- Speakerphone • System Wide Paging
- Handset Volume Control • Power-over-Ethernet
- Selectable Ring Tones • Wall Mountable



### SB67010

#### PSTN

#### Gateway

- Integrated Auto Attendant
- 4 Phone Line Connections
- 1 Ethernet Connection
- Support for up to 100 extensions • Combine 4 Gateways to support up to 16 lines
- Web Based Customization and Administration
- Standard Analog Phone Connection for Power-Failure Conditions
- Rack-Mountable



### SB67080 Deskset Expansion Module

- Pairs with SB67035 and SB67025



### SB67050 Analog Terminal Adapter

- Maximum 4 per system, Stack or Rack Mount
- 2 FXS (Analog Phone) Ports per ATA
- External Music on Hold and Overhead Paging
- 3 Hours - Group/Guest/General Mailbox Recording Time Access • 1 Ethernet Port



### SB67060 T1/PRI Gateway

- Supports primary rate interface trunking, for higher trunking ratios and Direct Inward Dialing numbers
- Integrates seamlessly into existing Synapse systems using the SB67010 Analog PSTN Gateway
- RFC 3261 Compliant • Rack-Mountable



### SB67070 SIP Gateway

- Supports up to 16 SIP Sessions & 4 separate accounts
- Direct Inward Dial (DID) • RFC 3261 Compliant
- Supports site-to-site Calling
- Use with Analog and T1 Gateways
- Rack-Mountable

## SIP CONFERENCE PHONES WITH WIRELESS MICROPHONES

**vtech®**



### VCS752 ErisStation® SIP Conference Phone with 2 Wireless Mics

- Scalable from small office to large conference room
- Support for up to three SIP lines/accounts
- Wireless expansion – Pair up to three VCS850 SIP DECT Expansion Wireless Speakerphones to increase the volume and microphone pickup for 27 or more active participants.
- Bluetooth connectivity for headset and mobile devices
- HD voice quality
- DECT 6.0 wireless microphones with Orbitlink Wireless Technology
- Up to 12 hours of talk time per wireless microphone
- Up to 70 hours of standby time per wireless microphone
- Built-in wireless microphone charging bays in base
- Automatic gain control • 3-way local conference
- N-way network conference
- 2-Year Advance Replacement Warranty



### VCS850 ErisStation® SIP Conference Phone Expansion Unit

- When you need to increase the number of active participants on a call, just add up to three expansion wireless speakerphones to the VCS752 ErisStation SIP Conference Phone
- Full-duplex speakerphone in base
  - Includes two fixed microphones
  - DECT 6.0 wireless connection to VCS752 base
  - Pair up to 3 expansion speakerphones per VCS752 base • Up to 12 hours of wireless talk time
  - Up to 70 hours of standby time
  - Global and local mute options with indicator
  - 10 ring tones/melodies; 6 ring levels
  - Battery-low indicator • Eco mode (Talk mode)
  - Accessory expansion wireless speakerphone only requires VCS752 shown at left to operate
  - 2-Year Advance Replacement Warranty



### VCS754 ErisStation® SIP Conference Phone with 4 Wireless Mics

- DECT 6.0 wireless microphones with Orbitlink Wireless Technology™
- 158 x 57 pixels (w x h) LCD resolution with backlight
- 3 soft keys with 4-way navigational pad
- Built-in wireless microphone charging bays in base
- Includes four wireless microphones and two fixed mics
- USB connection for PC softphone/speakerphone
- Supports up to 3 SIP account registrations
- 10 ring tones/melodies; 10 ring levels
- Up to 70 hours standby time per wireless microphone
- Up to 8 hours talk time per wireless microphone
- Do Not Disturb (DND) • 3-way local conference
- N-way network conference • Call transfer • Call hold
- Central, full-duplex speakerphone in base
- Enhanced noise reduction/Dynamic noise reduction
- 2-Year Advance Replacement Warranty



## STAFF-ALERTER

**Staff-Alerter™** from PM Power Products provides users with a powerful, flexible, completely programmable alerting application to process action inputs and notify selected personnel during an emergency or time of crisis.

Multiple events can be configured with activation through a phone system,

contactswitches, manually activated switches and with wireless panic buttons. Upon activation Staff-Alerter™ follows a predetermined program written specifically for the action initiated. The Staff-Alerter™ notifications can consist of a text message, an email, an automated voice call with text to speech, or all the above. In addition, one of the system outputs can be programmed to trigger additional actions as desired. The PM Power Products Staff-Alerter™ is designed to operate over your Wi-Fi network. An optional cellular based application is available if no network is present or for remote locations served by cellular.

• Staff-Alerter™ can work with any PBX system and is fully integrated into the Ericsson-LG iPECS IP telephony product line.

• Staff-Alerter™ can be combined with the PM Power Products Opti-Switch™ and Vis-Alert™ to provide visual alarm support.



## STAFF-ALERter GUARDIAN

Comprised of the SA-Alert audio and visual alerting system and the SA-PAD (Personal Alerting Device), SA Guardian allows workers to carry out their tasks knowing help is just a press of a button away. SA-PAD supports 3 different messages and connects to your Wi-Fi allowing multiple persons to be notified through the push of a button. Alerts to security can be sent as text, SMS, or phone calls with a prerecorded announcement specific to the alerting SA-PAD.

### SA-Alert

- Alerting device providing a loud siren (>85dB) and LED flashing strobe
- Wi-Fi connectivity • Can be mounted to housekeeping cart or other conveyance
- Can be wall mounted to provide alerting for a work area
- Up to 6 SA-PAD inputs can be registered to the SA-Alert
- 1 Output to send notification of SA-PAD alert
- Panic button on side of unit in case worker cannot activate their SA-PAD

### SA-PAD (Personal Alerting Device)

Operates with StaffAlerter providing 3 press options (single press, double press, long press) to activate up to 3 different alerts or messages.



## VISUAL RING ALERT

### VIS-A-RING Optical Ringer

- Each unit includes 4 high intensity LEDs.
- Weatherproof ready for exterior mounting.
- Light colors:  
Blue/red/yellow/white
- Operates on DC 12 VDC
- Power: 4W (1W/LED)
- Waterproof level: IP62
- 19 programmable lighting modes
- Supplied with PHONE and ALARM labels



Requires Opt-a-Switch control module (not shown)

## 8-PORT PoE DUAL VOLTAGE SWITCHES

**SW8-POE+-60** 8 Port 10/100 PoE Switch with 7 PoE Ports and 1 Uplink Port

**SW8-G-POE+-60** 8 Port 10/100/1000 PoE Switch with 7 PoE Ports and 1 Uplink Port

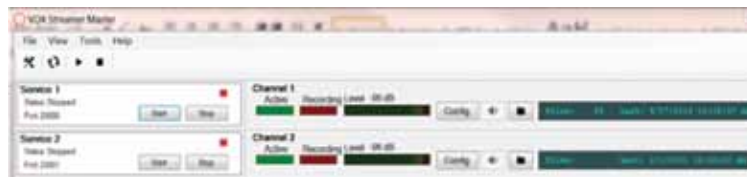
- Accepts dual voltages - can operate both 24V and 48V devices together.
- 18W per port with a 48V 120W supply (power supply additional)
- All 7 PoE ports can supply up to 1 Amp of power per port. • Ideal For high current devices such as cameras with heater elements, Wi-Fi Access Points and large VoIP Phones.
- One PoE port can pass through up to 1.25 Amps of PoE power to a second switch using only a standard CAT5 cable and that switch's uplink port.
- Redundant power supply inputs • Optional 19" rack mount for single or dual installations (SW8-RM)



## VOX STREAMER – MULTI-PURPOSE SOLID STATE SOUND ACTIVATED RECORDER

**VOX Streamer** is the leading professional sound activated recorder with advanced trigger and filter settings for high quality audio recordings. Now with AGC (Automatic Gain Control) and a built in SPL (sound pressure level) meter to document noise levels over time! With multi-channel recording support, VOX Streamer supports up to 16 recording streams on one system.

- Robust and stable sound recording engine
- Flexible recording system
- Unique noise suppression system
- MP3 and WAV format
- Exclusive Dual recording formats
- Automatic gain control (AGC)
- Sound pressure level meter/logger
- Pre-recording digital filters
- Instant timer recording

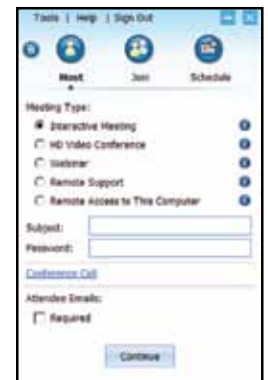


## RHUB 6-in-1 WEB CONFERENCING SERVERS



The RHUB server provides flexibility and value by embedding 6 outstanding real time collaborations and applications in 1 server.

1. **Web Conferencing** – give sales presentations and product demos, and collaborate interactively
2. **Remote Support** – support PC and Mac users remotely
3. **Audio Conferencing** – VoIP based audio conferencing & free landline audio conferencing services
4. **Video Conferencing** – multi-point webcam based video conferencing
5. **Remote Access** – access your office or home PCs from anywhere anytime
6. **Webinar** – provide online seminars without download of any kind for view-only attendees



**TARGET IS YPUR BEST SOURCE FOR PM POWER PRODUCTS**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

8128

### SIP Strobe Light

- Selectable, preloaded flash patterns and intensities
- SIP compliant endpoint
- Multicast receive or broadcast capability • PoE
- Available colored lens cap kit
- Light splashes onto wall or ceiling for enhanced visibility • Mounts to double gang box or any flat surface
- Up to 198 candela luminous intensity
- Connection via RJ45 Ethernet Jack - PoE 802.3af
- ADA and OSHA compliant



8188

### SIP Ceiling Speaker

- Wideband G.722 codec support for HD Voice
- Auto-multicast • SIP compatibility with all leading UC vendors
- Configurable through web interface
- Supports auto-provisioning • Music capable
- Internal memory for uploaded WAV files or recorded messages • Dual SIP extensions for page or notification • Multicast receive or broadcast capability
- Programmable relay input and output
- PoE • UL/CSA, FCC, CE, UL2043



8180

### SIP Audio Alerter

- SoundSure™ automatically adjusts output level
- Voice Paging with talkback capability
- High output wideband speaker
- Pre-loaded with several ring tones including bell, chime, gong, buzzer, warble, and dogs • PoE (Power over Ethernet)
- Supports custom uploaded WAV files or recorded messages • Multicast receive or broadcast capability
- Polycom Group Paging • PoE Outputs for external speaker, slave amplifier, or visual alerter



### 3226 Analog Trunk Port FXO Intercom & Doorphone

#### 3226V Analog Trunk Port FXO Intercom & Doorphone – Vandal Proof

- Digital speech technology provides superior voice quality
- Single pair 24 AWG wiring up to 1,000 Ft between door station and controller for easy new or retrofit installations
- Initiates or accepts calls
- Caller Line ID to telephone helps users easily differentiate door calls from a standard call
- Flush or surface mount (i.e., dual gang)
- Backlit call button for ease of use during night time hours
- CSA/UL 3R weather resistant
- Door control relay located securely inside the premise at the controller location



### 8036 SIP Multimedia Intercom

The 8036 is designed for indoor or outdoor public access locations to provide enhanced communication and support for guests and visitors. The graphic capacitive touch display can be configured for keypad or icon input and provide content to the visitor. This can be as simple as a corporate logo or multiple pages of content navigated by the visitor.

- Sunlight viewable 5.7" VGA color capacitive touch display
- Integrated camera for still snapshot or H.264 video streaming
- Weatherproof • Wideband speaker and dual microphones
- Presence detection • Secure door/gate management
- SIP compliant, PoE, and network administered
- Communicate with graphics, text, speech, or video • **Special Order Only**



### 3228 Station Port FXS Doorphone

- Single pair digital Door Station flush or surface mount makes installation easy
- Digital speech technology provides superior voice quality
- Integrated door control relay with 24 V power source
- Caller Line ID to telephone helps users easily differentiate door calls from standard call
- Programmable control inputs/outputs at controller and Door Station provide flexibility and reduce wiring requirements
- System is configurable through software via USB, or by telephone through touch-tone (DTMF) commands
- Out-of-Box plug and play installation requiring no special tools or additional equipment



### 1186 Weatherproof Horn Speaker

- Rugged weatherproof white plastic enclosure with stainless steel hardware
- Suitable for indoor or outdoor installation
- Interfaces easily with the 8180 (shown above) to provide increased ringing or voice notification volume (up to 112 dBA spl at 1m (3.3ft.))
- No power supply required - draws power from the 8180 device
- Wall-mountable and adjustable ABS plastic base
- 8 ohm speaker rated at 50 watts
- Three-axis adjustable with two large ergonomic T-knobs enables precision aiming regardless of mounting position



### 3201 Door Box – Stainless Steel

#### 3202 Door Box – Brass

- Wall-mount digital intercom station with hands-free capability
- Allows single-pair voice and data communication up to 1,000 feet with an Algo controller
- Backlit call button and separate speaker and microphone
- Speaker tone is provided for call press acknowledgement
- Accepts external switch input (normally open or closed) for elevator button, pull cord, or sensor-activated calling
- Rugged weather-resistant design



### 1127PR Red Visual Indicator with Power Supply

#### 1127PB Blue Visual Indicator with Power Supply

#### 1127PG Green Visual Indicator with Power Supply

The Algo 1127 Visual Alerter is an attractive high-performing LED light that provides visual indication of telephone ringing and notification events where a relay or audio detection is available. Direct activation is by relay input or audio detection.

- Highly visible yet softly diffused light
- Four selectable flash patterns
- 18 high-intensity LEDs available in three different colors: red, blue, and green
- Compatible with Algo 1825PM, 8180, 8186 and 8188 speakers



### 1203 Call Switch

The 1203 Call Switch offers a reliable and integrated solution for applications requiring one-touch programmable page announcement or alert notification. The 1203 is designed for improving customer service or for emergency and non-emergency alerting. The 1203 is not rated for outdoor use, and does not contain a speaker for two-way communication.

- Illuminated pushbutton for day/night visibility
- Designed as a trigger for Algo 8188, Algo 8186, or Algo 8301
- Indoor Rated Switch; commercial-duty stands up to heavy use
- Mounts in a single gang electrical box (not included)
- Stainless metal switch plate includes mounting screws



### 1202 Illuminated Push Button

The 1202 is highly visible and easily activated from its large illuminated button. The button is designed as a simple and intuitive interface for improving customer service or for alerting. Not rated for outdoor usage.

- High visibility easy to use illuminated button with flash confirmation when activated
- Powered via Algo SIP endpoints including 8061, 8186, 8188 and 8301 for simple installation and web configuration
- Single twisted pair extended distance wiring for location almost anywhere
- Fully integrates Algo audible and visual accessories for notification and alerting over any size workplace, campus or enterprise
- User customizable label



### 8039 IP Video Intercom

The rugged narrow form factor of the 8039 PoE video intercom is ideal for installation on mullion door frames. The intercom can also be surface mounted for any entrance security application indoors or out in any climate.



- Video intercom with 187 degree field of view
- Fits a mullion door frame where standard intercoms don't mount properly
- Configurable keypad featuring auto-attendant capability
- Allows door unlock control activated by a keypress from the answering device
- Wideband G.722 codec support for HD Voice
- SIP compatibility with all leading UC vendors
- Configurable through web interface
- Auto-provisioning (i.e., TFTP, FTP, HTTP) • SNMP supervision
- Integrated relay for door opening control or 8061 module for secure relay door control

### 8201 PoE Wideband IP Intercom

The 8201 is a one-piece PoE solution as an alternative to the popular 8028 SIP Doorphone. The intercom can be surface or flush mounted, fitting in a standard double gang electrical box. The 8201 can be used as easily indoors as out. The device offers an outdoor-rated plastic enclosure, stainless steel faceplate, conformal coated electronics, and tactile backlit call button for complete weather protection and long life in any climate.



- Wideband G.722 codec support for HD Voice
- SIP compatibility with all leading UC vendors
- Configurable through web interface
- Auto-provisioning (i.e., TFTP, FTP, HTTP)
- SNMP supervision
- Integrated relay for door opening control or 8061 module for secured relay door control

### 8189 SIP Ceiling Speaker

The 8189 is identical to the 8188 SIP Ceiling Speaker, however, it is a slimmer design better suited for indoor surface mount applications required for voice paging and emergency notification / alerting. The 8189 speaker is a PoE SIP compliant endpoint, and does not require an additional amplifier.



- Wideband G.722 codec support for HD Voice • Auto-multicast
- SIP compatibility with all leading UC vendors
- Configurable through web interface
- Supports auto-provisioning • Music capable
- Internal memory for uploaded WAV files or recorded messages
- Dual SIP extensions for page or notification • Multicast receive or broadcast capability
- Programmable relay input and output
- PoE • UL/CSA, FCC, CE, UL2043

### 8301 IP Paging Adapter

- Wideband G.722 codec support for HD Voice



- Isolated and balanced audio output
- Automatic level control
- Multicast receive or broadcast capability
- Polycom Group Page
- SIP compatibility with all leading UC vendors
- Configurable through web interface
- Supports auto-provisioning
- Internal memory for uploaded WAV files or recorded messages
- Dual SIP extensions for page or ring notification
- Programmable relay (dry contact) output
- PoE (Power over Ethernet) • UL/CSA, FCC, CE, UL2043

### 8186 SIP Horn Speaker

- Wideband G.722 codec support for HD Voice
- Multicast receive or broadcast capability
- Mix with any number and model of Algo speakers, strobes and/or paging adapters using multicast (e.g. 8128, 8180, 8186, 8188, 8301, 8373) for a complete voice paging system
- Polycom Group Page • Syn-Apps SA-Announce
- SIP compatibility with all leading UC vendors
- Configurable through web interface
- Auto-provisioning (i.e., TFTP, FTP, HTTP) • SNMP supe
- Internal memory of 1GB for uploaded WAV files or recorded messages
- Multiple SIP registrations for Ring (10) and Page (50) extensions
- Programmable relay (dry contact) output
- Programmable relay (dry contact) input for illuminated and supervised wall button
- Suitable for outdoor and wet environments



### 8373 Zone Paging Adapter

The 8373 is a PoE IP Paging Adapter for integrating existing and traditional zoned paging solutions into a VoIP environment, whether premise or hosted. Features include G.722 wideband support with isolated and balanced line output for optimum clarity and intelligibility without hum or noise.



- Ethernet Connectivity - 10/100 Mbps
- SIP - 7 Page extensions map to possible zone permutations
- Provisioning - TFTP, FTP, HTTP
- Codec Support - G.711 A-law, G.711 u-law, G.722, Polycom Group Page, OGG Vorbis
- Relay Output - Normally open or normally closed. Max rating 30 V 50 mA.

### 8061 IP Relay Controller

The AL-8061 IP Relay Controller serves as a bridge between the AL-8036 SIP Multimedia Intercom shown at right and peripheral hardware such as door strikes, door sensors, door bells, and alarm systems.



- Access control by either entering a keypad code at the AL-8036 Intercom, or by dialing a code on the answering telephone.
- The 8061 can be located in a secure environment to prevent access or tampering by outside visitors
- The 8061 has four inputs which may be used to connect to a door open sensor, doorbell button, alarm system, or other identity verification system

### 8028 SIP Doorphone

The 8028 doorphone is an outdoor rated IP intercom compatible with any hosted or premise UC platform as a third party SIP endpoint. Any telephone or device in the UC environment can communicate with the 8028, with entry activated by a simple telephone keypress.



- SIP Endpoint with auto-provisioning capability
- Web interface for remote configuration
- Initiates or accepts calls
- Single pair 24 AWG wiring up to 1,000 Ft (300 m) from controller
- Flush or surface mount weather-resistant enclosure
- Full duplex capable • Stainless steel or brass • Backlit call button
- CSA/UL approved for outdoor location
- Door sensor or call button input at controller or door station
- Door control relay from controller with available 24 V 300 mA power



## 011233 SIP Paging Adapter

- Two SIP extensions (Note: One of these extensions is a dedicated "night ringer," which is not capable of answering a call, and will only play a stored message while the call is ringing.)
- Voice prompt pass code and page control • 9 user-uploadable page messages
- 10 channel prioritized Multicast ports • Page to Polycom phones
- HTTP Web Interface and setup
- G711 A-Law and u-Law, G.722 codecs
- Built-in diagnostics
- 10k Ohm input for background music
- 600 Ohm Balanced audio out • Unbalanced Line-Out
- Remote amp fault sensor • DTMF and programmatic controlled Relay
- Delayed page support • DTMF pass-through
- Cisco SRST • 10/100 802.3af PoE



## 011397 Talkback Ceiling Speaker

- Full-duplex (SIP) or half-duplex (push to talk)
- Autoprovisioning via HTTP, HTTPS, or TFTP HTTPS or HTTP web based configuration • 802.11q VLAN tagging
- Support for G.722 codecs
- Powered via PoE or 24V power supply (not included)
- Enhanced interoperability for hosted environments
- SIP (RFC 3261) compatible • Page to Polycom phones
- Simultaneous SIP and multicast • Web-based configuration
- Paging prioritization • Web-based firmware upgradeable
- Plenum-rated enclosure
- Autoprovisioning • High efficiency speaker driver
- DTMF-controlled relay • Line-out connection
- Network and manual speaker volume control
- Can drive one external analog speaker for greater coverage
- User-uploadable ring and alert tones



## 011093 1U Server Rack Mount for CyberData VoIP Gateways and Adapters

- Standard 19-inch rack mounting
- Supports up to two CyberData VoIP Endpoints
- Black powder-coated finish
- Dimensions 18.941" L x 4.018 W" x 1.798" H
- Products shown installed in above rack not included

## 011504 Wall Mount Clock Kit

The Clock Kit enables the CyberData SIP, Singlewire and Syn-Apps Speakers to be upgraded to a highly visible public address device with a time display. The large display characters are easily read and adjust for ambient light conditions. Time sync is performed by NTP and a built-in real-time clock. Power is supplied by the CyberData SIP, Singlewire or Syn-Apps Speaker from a single PoE connection.



- Easy wall or ceiling installation
- Mounting kit included
- Electrogalvanized steel construction • RoHS compliant
- Keyhold for easy installation • Top and bottom cable channels
- 2.3-inch sized digits • 12 or 24 hour format
- Shown with 013394 speaker which is not included

## 011405 SIP Loudspeaker Paging Amplifier - PoE

- Packaged in a NEMA 3/3x (IP55)-rated enclosure
- Support for G.722 codecs • 802.11q VLAN tagging
- 9 user-uploadable page messages
- Page to Polycom phones
- SIP and Simultaneous Multicast
- Dual-speed ethernet 10/100 Mbps
- Web-based configuration
- PoE 802.3at and 802.3af-enabled • Line-in for background music
- Line-out connector • DTMF controlled relay • Direct 8 Ohm speaker drive
- User-uploadable tones and messages • Digital and manual volume control
- Second SIP endpoint "Night Ringer" • Autoprovisioning
- Auto-call voice message from input port sense • Can support two horns
- HTTP Command Interface • 10 channel prioritized Multicast ports
- Built-in diagnostics • Delayed page support • Cisco SRST



## 011121 Auxilliary Analog Speaker

This Auxiliary Analog Speaker is an option for the CyberData SIP speaker to extend the coverage area. When connecting this Auxiliary Analog Speaker to the SIP speaker, the total speaker wattage is the same. However, by adding this Auxiliary Analog Speaker, additional coverage can be realized.



- Low cost 2nd speaker option that attaches to the SIP or SingleWire speakers
- Mounting hardware supplied
- 15 watts at 8 Ohms

## 011039 Conduit Speaker Mount

The Conduit Speaker Mount is the newest option for installation of the CyberData SIP, Singlewire and Syn-Apps Speakers. Made of electro-galvanized steel, the easy-to-install cylindrical design gives the finished look of the mount and speaker a clear and modern appearance.



- Easy to Install
- Galvanized Steel construction
- RoHS compliant
- Shown with speaker which is not included

## 011442 2X Flange

- Optional Flange Mounting Kit
- Mounting kit can be used to adapt an intercom to drywall, stucco, masonry, and wood structures.
- Provides greater security to prevent vandalism.
- Same rugged stainless steel design as our outdoor intercom faceplates use.
- Stainless Steel construction
- CyberData's 2x Flange Mount Kit enables flush mounting for the following CyberData devices:



- 011214
- 011310
- 011414

## 011460 SIP Weatherproof Keypad Phone

- PoE 802.3af enabled
- Water/dust-tight thermoplastic resin enclosure, Type 4X & IP66
- Waterproof connections and stainless steel fittings for longer life
- Corrosion protected and powder coated steel faceplate
- Heavy duty G Type industrial handset
- Spring loaded door
- Vandal resistant armored handset cord
- Surge arrestor • Electronic ringer
- Hearing aid compatible and receiver volume adjustment
- Electret noise reducing microphone for clear communication
- Concurrent SIP call and multicast paging
- Network web management and firmware download • Programmable speed dial



## 011463 SIP Heavy Duty Emergency Keypad Call Station

- PoE 802.3af enabled (Power-over-Ethernet)
- Doubles as a paging speaker
- Corrosion protected and powder coated steel faceplate
- Hands free operation
- Push to call and emergency call buttons
- Surge arrestor to prevent voltage spike damage
- Easy support drill guides for top and bottom mount glands
- LED for visual indication of call
- Electronic ringer
- Concurrent SIP call and multicast paging
- Supports SRST (Survivable Remote Site Telephony) in a Cisco environment
- Network web management and firmware download
- Programmable speed dial
- IP66 water and dust resistant



## 011461 SIP Vandal Resistant Keypad Phone

- PoE 802.3af enabled
- Corrosion protected and powder coated
- Heavy duty G Type industrial handset
- Spring loaded door
- Vandal resistant armored handset cord with lanyard • Surge arrestor
- Electronic ringer
- Hearing aid compatible and receiver volume adjustment
- Electret noise reducing microphone for clear communication
- Concurrent SIP call and multicast paging
- Supports SRST (Survivable Remote Site Telephony) in a Cisco environment
- Network web management and firmware download
- Programmable speed dial



## 011457 SIP IP66 Outdoor Horn

- SIP Enhanced interoperability for hosted environments
- Supports G.711, G.722, G.729 codecs
- 802.11q VLAN tagging
- 9 user-uploadable page messages
- IP66-rated
- Sealed network cable gland
- SIP and Simultaneous Multicast
- Page from Polycom phones
- Dual-speed ethernet 10/100 Mbps • Web-based configuration
- PoE 802.3at and 802.3af-enabled • User-uploadable tones and messages
- Digital volume control • Second SIP endpoint "Night Ringer"
- Autoprovisioning • HTTP Command Interface
- 10 channel prioritized Multicast ports • Built-in diagnostics
- Delayed page support • Cisco SRST



## 011446 Multicast VoIP Microphone

- Multicast Transmit
- Compatible with CyberData endpoints that receive multicast
- Page to Polycom phones
- Delayed page support (up to 60 seconds)
- Web-based configuration and firmware upload
- Autoprovision support
- PoE 802.3af enabled (Power-over-Ethernet)
- G711 codec
- 12-inch flexible shaft microphone
- Desktop Design
- Wall mountable
- Perfect for immediate live paging in schools, retail stores and manufacturing environments.



## 011146 SIP Paging Server with Bell Scheduler

- Bell Scheduler with up to 25 "bells"
- 25 user uploadable stored messages
- Page to Polycom phones
- Voice prompting and password controlled zones
- SIP RFC 3261 compatible
- NTP-based internal clock • Multicast output
- Two SIP endpoints (one for Night Ringer)
- DTMF control of zone selection
- Delayed page support • Line-In connection for background music multicasting
- Line-out connection to support analog amplifiers
- User uploadable audio files
- Web-based configuration and firmware upload
- PoE 802.3af enabled (Power-over-Ethernet)
- 19-inch Rack mount option



## 011414 SIP-Enabled H.264 Video Outdoor Intercom with Keypad

- Can now also be configured to work with Android and iOS
- Integrates with Network Dual Door Strike Relay Module (part number 011375) and Door Strike Relay Module (part number 011269)
- PoE 802.3af enabled • SIP compliant
- Adjustable camera angle
- 12-key keypad with backlight
- Programmable speed dial
- Full-duplex voice operation
- Network web management
- Network adjustable speaker volume and microphone sensitivity
- Network downloadable firmware • Doubles as a paging speaker
- Shown with optional Weather Shroud • IP65 rated enclosure
- Conformal coated PCBA



## 011433 Secure Access Control Keypad

- SIP compliant • PoE 802.3af enabled
- IP 65 outdoor-rated • Optional weather shroud
- Alert buzzer • Red/Green lock status lights
- Can operate in standalone mode. PBX not required.
- NTP time support
- Network web management
- Supports 500 Access Codes
- Blacklisted code alert via dialout and multicast stored message
- Network downloadable firmware
- Dry contact relay to trigger door lock or unlock gates
- Door closure and tamper alert signal
- Support for CyberData's Networked Dual Door Strike Relay (part number 011375) and Intermediate Door Strike Relay (part number 011269)
- Security Torx screws with driver kit included





### US-8-150W-US

#### UniFi Managed PoE+ Gigabit 8-Port Switch with SFP

- (8) Gigabit RJ45 Ports
- (2) SFP Ports
- Non-Blocking Throughput: 10 Gbps
- Switching Capacity: 20 Gbps
- Forwarding Rate: 14.88 Mpps
- Maximum Power Consumption: 150W
- Supports PoE+ IEEE 802.3at/af and 24V Passive PoE
- Quiet, Fanless Operation
- Desktop-Mountable



### US-16-150W-US

#### UniFi Managed PoE+ Gigabit 16-Port Switch with SFP

- (16) Gigabit RJ45 Ports
- (2) SFP Ports
- (1) Serial Console Port
- Non-Blocking Throughput: 18 Gbps
- Switching Capacity: 36 Gbps
- Forwarding Rate: 26.78 Mpps
- Maximum Power Consumption: 150W
- Supports PoE+ IEEE 802.3at/af and 24V Passive PoE
- Rack-Mountable or Wall-Mountable with Rack-Mount Brackets (Included)



### US-24-500W

#### UniFi Managed PoE+ Gigabit 24-Port Switch with SFP

- (24) Gigabit RJ45 Ports
- (2) SFP Ports
- (1) Serial Console Port
- Non-Blocking Throughput: 26 Gbps
- Switching Capacity: 52 Gbps
- Forwarding Rate: 38.69 Mpps
- Maximum Power Consumption: 500W
- Supports PoE+ IEEE 802.3at/af and 24V Passive PoE
- Rack-Mountable



### US-48-750W

#### UniFi Managed PoE+ Gigabit 48-Port Switch with SFP+

- (48) Gigabit RJ45 Ports
- (2) SFP+ Ports • (2) SFP Ports
- (1) Serial Console Port
- Non-Blocking Throughput: 70 Gbps
- Switching Capacity: 140 Gbps
- Forwarding Rate: 104.16 Mpps
- Maximum Power Consumption: 750W
- Supports PoE+ IEEE 802.3at/af and 24V Passive PoE
- Rack-Mountable



### INS-3AF-O-G

#### 802.3af Outdoor

#### Gigabit PoE Converter

This Instant 802.3af Gigabit PoE Converter works with 10/100/1000 Mbps ports to deliver high throughput speeds over its wired connection.

- 802.3af PoE Support • 1 x RJ-45 Gigabit Ethernet Port • 1 x Gigabit Ethernet Cable
- 48V / 802.3af Power Input • 24V / 0.5A Max. Power Output
- 24V Passive PoE Power Method
- ± 15kV Surge Protection
- Ubiquiti Compatibility • Longer Cable Runs



### INS-3AF-I-G

#### 802.3af Indoor

#### Gigabit PoE Converter

This Instant 802.3af Gigabit

PoE Converter works with 10/100/1000 Mbps ports to deliver high throughput speeds over its wired connection.

- 802.3af PoE Support • 2 x RJ-45 Gigabit Ethernet Ports
- 48V / 802.3af Power Input • 24V / 0.5A Max. Power Output
- 24V Passive PoE Power Method • ± 15kV Surge Protection
- Ubiquiti Compatibility
- Longer Cable Runs



### ETH-SP

#### Outdoor Ethernet Surge Protector

- The ETH-SP is a cost-effective solution for protecting outdoor Ethernet devices from damaging electrostatic discharge and surges
- The ETH-SP is engineered to protect Power-over-Ethernet (PoE) or non-PoE devices with connection speeds of up to 1 Gbps
- Two passive, surge-protected RJ45 connections provide maximum equipment compatibility.



### N-SW

#### Outdoor 4-Port PoE Passthrough Switch

- Unmanaged switch with four Gigabit Ethernet ports
- Durable, weatherproof form factor, can be easily mounted on a pole or wall
- (1) PoE In 24V, 2-Pair Port
- (3) PoE Passthrough 24V, 2-Pair Ports
- Supports up to 4 Gbps





### UC-CK-US

#### UniFi Cloud Key

The UniFi Cloud Key is an integrated computer and software controller minus the bulk. It features a quad-core processor with 2 GB RAM, operating the latest version of the UniFi Controller with built-in hybrid cloud technology.

- Secure UniFi Hybrid Cloud Technology
- Integrated, Stand-Alone UniFi Controller
- Remote and Private Cloud Access • Plug-and-Play Installation
- Use the UniFi Controller to provision UniFi APs, configure wireless networks, map out networks, and quickly manage system traffic.



### USG

#### Security Gateway

Wall-mountable form factor with a dual-core, 500 MHz processor for standard hardware-accelerated performance

- (3) 10/100/1000 RJ45 Ports
- (1) RJ45 Serial Console Port
- Quiet, Fanless Operation
- Wall-Mounting Capability
- Layer 3 Forwarding Performance Packet Size of 64 Bytes: 1,000,000 pps
- Packet Size of 512 Bytes or Larger: 3 Gbps (Line Rate)

### UAP-AC-PRO-US

#### UniFi Access Point Enterprise Wi-Fi System

Deploy the UniFi AC Pro AP indoors or outdoors, in wireless networks requiring maximum performance.

Sporting a weatherproof design, the UniFi AC Pro AP features simultaneous, dual-band, 3x3 MIMO technology and convenient 802.3af PoE/802.3at PoE+ compatibility

- 802.11 a/b/g/n/ac Wi-Fi Standards • Range of up to 400'
- 2 x 10/100/1000 Ethernet Ports • UniFi Controller Software
- Integrated Omni Antennas • Guest Portal/Hotspot Support
- Passive Power over Ethernet
- 200+ Concurrent Clients
- Reset Button



### UAP-AC-HD-US

#### Wave 2 Enterprise Wi-Fi Access Point

The UniFi HD AP features the latest in Wi-Fi 802.11ac Wave 2 MU-MIMO technology

- 802.11ac Wave 2 Wi-Fi Standards
- 2.4 GHz: (2) Dual-Port, Dual-Polarity Antennas, 3 dBi each
- 5 GHz: (2) Dual-Port, Dual-Polarity Antennas, 4 dBi each
- 2 x 10/100/1000 Ethernet Ports • 4x4 Spatial Streams
- UniFi Controller Software
- Integrated Omni Antennas
- Guest Portal/Hotspot Support
- Passive Power over Ethernet
- 500+ Concurrent Clients



### UAP-AC-M-US

#### UniFi AC Mesh Wide-Area Indoor/Outdoor

##### Dual-Band Access Point

- 802.11 a/b/g/n/ac Wi-Fi Standards • Range of up to 600'
- 5 GHz Speeds of up to 867 Mbps
- 2.4 GHz: Speeds of up to 300 Mbps
- Weather-Resistant Enclosure
- 1 x 10/100/1000 Ethernet Port • UniFi Controller Software
- 2 x Integrated Omni Antennas
- Guest Portal/Hotspot Support
- Passive Power over Ethernet
- 200+ Concurrent Clients
- Reset Button • CE, FCC, IC Certified



### UAP-AC-M-PRO-US

#### UniFi AC Mesh Wide-Area Outdoor

##### Dual-Band Access Point

- 802.11 a/b/g/n/ac Wi-Fi Standards • Range of up to 600'
- 5 GHz Speeds of up to 1300 Mbps
- 2.4 GHz: Speeds of up to 450 Mbps
- Weather-Resistant Enclosure
- 2 x 10/100/1000 Ethernet Port • UniFi Controller Software
- 2 x Integrated Omni Antennas
- Guest Portal/Hotspot Support
- Passive Power over Ethernet
- 200+ Concurrent Clients
- Reset Button • CE, FCC, IC Certified



### NBE-2AC-13

#### airMAX® ac CPE with

##### Dedicated Management Radio

The NanoBeam 2AC directs RF energy in a tighter beamwidth. With the focus in one direction, the NanoBeam 2AC blocks or spatially filters out noise, so noise immunity is improved. This feature is especially important in an area crowded with other RF signals of the same or similar frequency.

- Uniform Beamwidth Maximizes Noise Immunity
- airMAX ac Processor for Superior Performance
- Dedicated Wi-Fi Radio for Management
- Gain: 13dbi
- Output Power: 27 dBm



### NBE-5AC-GEN2

#### airMAX® ac CPE with

##### Dedicated Management Radio

The NanoBeam 5AC Gen2 directs RF energy in a tighter beamwidth. With the focus in one direction, the NanoBeam 5AC Gen2 blocks or spatially filters out noise, so noise immunity is improved. This feature is especially important in an area crowded with other RF signals of the same or similar frequency.

- Dedicated Wi-Fi Radio for Management • Atheros MIPS 74Kc, 720 MHz Processor
- 128MB DDR2, 8MB Flash Memory • 1 x 10/100/1000 Ethernet Port
- airOS Software • Power/LAN/WLAN LED Indicators
- Quick Assembly • Versatile Mounting
- FCC, IC, CE Approved



## IP VOICE, VIDEO, DATA and MOBILITY SOLUTIONS

### GDS3710

#### HD IP Video Door Phone

- Powerful video resolutions up to 1080p
- Built-in RFID reader for keyless entry
- SIP video streaming to NVRs, video intercom stations, IP phones, or smart phones simultaneously
- Built with a metal casing to make it weatherproof and vandal resistant
- Built-in camera allows for 180-degree wall-to-wall coverage
- Supports motion detection • Integrated PoE
- Built-in microphone and speaker



### DP720 DECT CAT-IQ Cordless Handset

- Supported by Grandstream's DP750 DECT Base Station
- 5 DP720 handsets are supported by each DP750
- Range of 300 meters outdoors and 50 meters indoors
- Supports up to 10 SIP accounts per handset
- DECT authentication & encryption technology
- Full HD audio on both the speakerphone and handset
- 3.5mm headset jack, 3-way voice conferencing
- Automated provisioning options include TR-069 and XML config files



### DP750 DECT CAT-IQ Cordless Base Station

- Up to 10 SIP accounts per system; up to 10 lines per handset; up to 4 concurrent calls per DECT system
- Use with Grandstream's UCM series of IP PBXs for Zero Config provisioning

### GAC2500 Android Enterprise Conference Phone

- 6 lines, 6 SIP accounts, 7-way conferencing
- Runs Android 4.4 and offers full access to the Google Play Store and all Android apps
- Bluetooth
- Built-in 7-way conference bridge
- 4.3" (800x480) capacitive touch screen
- Auto-sensing Gigabit port
- Built-in PoE support
- Built-in WiFi support
- Full HD audio support to maximize voice quality
- Daisy-chain support to combine two GAC2500 together
- TLS and SRTP security encryption



### GWN7610 802.11ac Wi-Fi Access Point

- Support for up to 16 SSIDs per radio and up to 250+ concurrent WiFi clients
- Dual-band 3x3:3 MIMO technology
- Throughput of up to 1.75Gbps and expanded coverage range of up to 175 meters
- Dual Gigabit ports with support for PoE/PoE+
- USB port for future applications
- User friendly built-in provisioning controller
- Advanced QoS to ensure real-time performance of low-latency applications
- Efficient power saving through self power adaptation upon auto detection of PoE or PoE+ network



### HT814 Handytone 4-Port FXS Gateway with Integrated Gigabit NAT Router

- Supports 4 SIP profiles through 4 FXS ports and dual Gigabit ports
- Includes a built-in NAT router which can handle routing speeds up to 100MBps
- TLS and SRTP security encryption
- Supports 3-way voice conferencing
- Failover SIP server automatically switches to secondary server if main server loses connection
- Supports T.38 Fax for creating Fax-over-IP
- Use with Grandstream's UCM series of IP PBXs for Zero Configuration provisioning



### UCM 6200 Series IP PBX

Designed to provide a centralized solution for the communication needs of businesses, the UCM6200 series IP PBX appliance combines enterprise-grade voice, video, data, and mobility features in an easy-to-manage solution. This IP PBX series allows businesses to unify multiple communication technologies, such as voice, video calling, video conferencing, video surveillance, data tools, mobility options and facility access management onto one common network that can be managed and/or accessed remotely. The secure and reliable UCM6200 series delivers enterprise-grade features without any licensing fees, costs-per-feature or recurring fees.

- UCM6202** 2FXO, 2FXS. Supports up to 500 users and 30/45 concurrent calls
- UCM6204** 4FXO, 2FXS. Supports up to 500 users and 30/45 concurrent calls
- UCM6208** 8FXO, 2FXS. Supports up to 800 users and 100 concurrent calls

#### Common Features:

- Auto Discovery and Zero Configuration of Grandstream SIP endpoints
- Gigabit network ports with Integrated PoE, USB, SD card
- Supports up to a 5-level IVR (Interactive Voice Response)
- Built-in call recordings server; recordings accessible via web user interface
- Built-in Call Detail Records (CDR) for tracking phone usage by line, date, etc. • Supports multi-language auto-attendant
- Strongest possible security protection using SRTP, TLS and HTTPS encryption
- Supports any SIP video endpoint that uses the H.264, H.263 or H.263+ codecs and MORE!



## IP VOICE, VIDEO, DATA and MOBILITY SOLUTIONS

**GXP1615**  
**Small-Medium**  
**Business**  
**IP Phone**



- 1 SIP account
- 2 line keys
- 3-way conferencing
- 3 XML programmable context-sensitive soft keys
- Dual-switched 10/100 mbps ports
- EHS support for Plantronics headsets
- Up to 500 contacts
- Call history up to 200 records
- Integrated PoE

**GXP1782**  
**Midrange**  
**Business**  
**IP Phone**



- 8 lines • 8 dual-color line keys • 4 SIP accounts
- 4 XML programmable context sensitive soft keys
- 32 digitally programmable & customizable BLF/fastdial keys • HD wideband audio
- Full duplex speakerphone • Built-in USB port
- 5-way audio conferencing
- Dual-switched Gigabit ports • Integrated PoE
- RJ9 headset jack and EHS support
- TLS and SRTP security encryption

**GXP2170**  
**Enterprise**  
**Business**  
**IP Phone**



- 12 lines • 6 SIP accounts • 5 soft keys
- 5-way voice conferencing
- 48 on-screen digitally customizable BLF/speed-dial keys
- 4.3 inch (480x272) color-screen LCD
- Dual Gigabit ports
- Integrated PoE
- Supports up to four GXP2200EXT Modules for BLF/speed-dial access to up to 160 contacts

**GXV3275**

**6-Line IP Video Phone 7" Touch Screen**



android

- 6 lines 6 SIP accounts
- Up to 6-way voice conferencing
- 3-way video conferencing
- Dual-switched Gigabit ports and integrated WiFi
- CMOS camera
- Runs Android 4.2 and offers full access to the Google Play Store
- Bluetooth for headsets and mobile devices
- USB port, SD card slot, mini-HDMI output
- EHS support

**GVC3200**

**Full HD Video Conferencing System**



- 1080p Full-HD video, up to 9-way video conferences, support for 3 monitor outputs through 3 HDMI outputs
- 9-way hybrid-protocol conferencing with no external MCUs/servers or extra software licenses
- PTZ camera with 12x zoom
- Can be installed in three simple steps
- Plug and Play connection to Grandstream's IPVideoTalk video conferencing service
- Supports most SIP and H.323 video conferencing platforms

**GXV3611IR-HD**  
**Infrared Fixed**  
**IP Dome Camera**



- 1 megapixel • 720p resolution • 2.8mm lens
- Advanced multi-streaming rate real-time H.264, Motion JPEG • Integrated PoE
- Includes built-in speaker, microphone and SD card slot for local storage
- Integrate with third party speakers, microphones, intercom systems, sirens, alarms, alarm devices such as door sensors and third party motion sensors, and more
- IR cut for day and night mode

**GXW4200 Series**

**FXS Analog VoIP Gateways**



- 16/24/32 FXS ports, GXW4248 includes 2 50-pin Telco connectors
- 1 Gigabit network port
- 132x48 backlit graphic display with support for multiples languages
- 4 SIP server profiles per system, independent SIP account per port
- Designed and tested for full interoperability with leading IP-PBXs, soft-switches and SIP-based environments
- Advanced security protection with SRTP/TLS/HTTPS

**GVR3552**

**Network Video Recorder**



- Up to 16 channels of 720p or 8 channels of 1080p HD audio/video real-time recording
- Automatic discovery of Grandstream IP Cameras
- Up to 2 SATA 2.5" internal hard drives (not included) with maximum 4TB storage and RAID 0 or RAID 1 configurations
- Users can view the live feed of up to 4 cameras simultaneously
- Complete security features including role based access control, event/system logs and hard drive content encryption

**GXV3500**

**IP Video**  
**Encoder/Decoder**



- IP video encoder, decoder and public announcement system combo device
- Built-in high performance streaming server
- Supports IE, Chrome and Firefox via network preview
- SIP/VoIP support of two-way audio and video streaming to mobile phones and video phones
- PoE • Full ONVIF compliance
- Encodes/Decodes standard definition PAL/NTSC
- Line Out and Microphone Input
- Composite video output to TV
- Variable bit rate and variable frame rate

**TARGET IS YOUR BEST SOURCE FOR GRANDSTREAM**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**



## VALCOM IP PAGING

Valcom offers a selection of appliances that enable the user to transport audio over LAN/WAN with unrivalled ease and reliability. Audio can enter the network at any point and be delivered to any other point, groups of points or on an "All Call" basis — all without the need for a server. Hence, the inherently extremely high reliability.

The VIP Series products are all fully compatible allowing mix and match capabilities to provide solutions limited only by your imagination. The use of Multicast insures efficient use of network bandwidth. For interfacing with the analog world, these appliances are available in three basic configurations, audio ports (line level), FXS (station port) and FXO (loop trunk port).

- Peer-to-peer, no server required • Auto destination programmable • DTMF dial select - 1024 zones • 1 to 11 digit dial plans
- Two way – transmit/receive • PoE 802.3af, Class 3 or local power 24 VDC • Can use DHCP servers to acquire IP addresses
- Web based configuration/setup • Contact closure for AUX audio input, audio indication and door unlocking • 1 RJ45 Ethernet connection
- Front panel and network activity LEDs • Radio link with mic closure/vox • Point to point, zones, all call

### AUDIO



#### VIP-801 1 Port

- 1 Audio Output • 1 Audio Input
- 2 Programmable Form C Relay Closures
- RJ-45 For Network Connection
- No Server Required • 1 to 11 Digit Dial Plans
- Easy Windows Based Setup • AUX Audio input
- Contact Closure Available for: Audio Indication and Door Unlocking

#### VIP-802 2 Ports

As above except:

- 2 Audio Output • 2 Audio Input
- 2 Programmable Form C Relay Closures
- 2 Programmable Contact Closure Inputs

#### VIP-804 4 Ports

As above except:

- 4 Audio Outputs • 4 Audio Inputs
- 4 Programmable Form C Relay Closures
- 4 Programmable Contact Closure Inputs

### FXS



#### VIP-811 1 Port

- 1 FXS Port
- 2 Programmable Form C Relay Closures
- Provides Caller ID • No Server Required
- 1 to 11 Digit Dial Plans
- Easy Windows Based Setup • AUX Audio input
- Contact Closure Available for: Audio Indication, Ringing Indication and Door Unlocking

#### VIP-812 2 Ports

As above except:

- 2 FXS Ports
- 4 Programmable Form C Relay Closures

#### VIP-814 4 Ports

As above except:

- 4 FXS Ports
- 4 Programmable Form C Relay Closures

### FXO



#### VIP-821 1 Port

- RJ-45 for network connection • 1 RJ-11 FXO
- 1 RJ-11 telephone failover connection
- Front panel activity LED
- Network activity LEDs • 2.5mm jack for DC

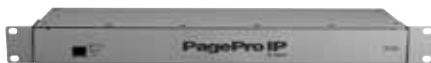
#### VIP-822 2 Ports

- RJ-45 for network connection • 2 RJ-11 FXO
- 2 RJ-11 failover telephone connections
- Decode Caller ID signals
- Front panel and network activity LEDs
- 2.5mm jack for DC power • 802.3af compliant

#### VIP-824 4 Ports

- RJ-45 for network connection
- 4 RJ-11 FXO
- 4 RJ-11 failover telephone connections
- Decode Caller ID signals
- Front panel and network activity LEDs
- 2.5mm jack for DC power

### PAGE PRO IP



#### VIP-201

1 Zone of One-Way Analog Paging Plus  
8 Zones of IP Paging

#### VIP-204

- 4 Zones of One-Way Analog Paging Plus  
8 Zones of IP Paging
- Multiple Simultaneous Pages
  - Live or Recorded Messages
  - 65,000 Speakers, Expandable To 256 IP Paging Zones
  - Compatible With Cisco, Nortel, Avaya, Iwatsu And Most IP Telephone Systems
  - Supports IP And Analog Amplified Speakers
  - Supports IP Talkback Speakers
  - Supports Legacy Paging Systems
  - Synchronized Clock Compatibility
  - PoE (802.3af) Or Local Power
  - SIP And Multicast
  - Feedback Eliminator • DHCP

### IP TIELINE



#### VIP-854 2 Channels

- Supports Telephone Systems that Do Not Provide Calling Party Supervision
- Use w/Analog, Hybrid, Digital Key Systems & PBX's
- Requires One Trunk Port (FXO) & One Analog Station Port (FXS) at EACH System
- Dial Select Desired Remote Office
- Auto Destination for Two Systems

### NETWORKED INPUT and RELAY MODULE



#### VIP-848

- Repeat Contact Closures
- Contact Closure Inputs (An Input May Control a Single Relay, or a Group of Relays)
- 8 Relay Outputs Supervision (A Relay May Be Set to "Follow" Another Relay)
- Power-Up Relay State (Active or Inactive)
- 3 Input Priority Levels

### VoIP SPECIFIC POWER SUPPLY

#### VIP-324 -24 Vdc/120 Vac Power Supply

- 24 Volt DC "B" Battery Power Supply
- Input Thermal Fuse Protected • Floating Output
- Through Ground Connection
- Receptacle Mount
- UL, CSA



60 TARGET CARRIES THE COMPLETE LINE OF VALCOM PAGING SOLUTIONS

E-MAIL – [TGSales@targetdist.com](mailto:TGSales@targetdist.com) • INTERNET – [www.targetd.com](http://www.targetd.com)

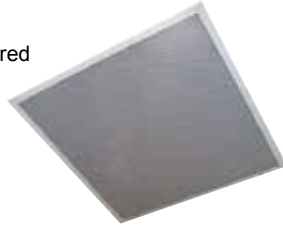
## VALCOM IP PAGING SPEAKERS

### SIP Ceiling Speakers

#### VIP-402

#### SIP One-Way 2 x 2 Lay In Speaker

- PoE (802.3af) - No Local Power Required
- High-Efficiency 8" Speaker
- Durable Electrostatic Powder Coat Finish
- Output Level 103 db/1Meter
- Line Output Supports Valcom Amplified Speakers
- Backbox Included



#### VIP-120

#### SIP One-Way 8" Ceiling Speaker

- PoE (802.3af) - No Local Power Required
- High-Efficiency 8" (203mm) Speakers
- Durable Electrostatic Powder Coat Finish on Metal Surfaces
- Output Level 103 db/1Meter
- Line Output Supports Valcom Amplified Speakers



### SIP Horns

#### VIP-130L

#### SIP One-Way Horn with Long Line Extender

- 5-Watt IP Horn
- PoE (802.3af) - No Local Power Required
- Weather-Resistant
- Includes Long Line Extender for Cabling Up to 1200 Feet
- Indoor/Outdoor
- Beige (BG), Gray (GY), and Marine White (W)



#### VIP-480AL IP Flexhorn

#### SIP One-Way Horn with Long Line Extender

- PoE (802.3af) - No Local Power Required
- Weather-Resistant
- Includes Long Line Extender for Cabling Up to 1200 Feet
- Indoor/Outdoor
- Beige (BG), Gray (GY), and Marine White (W)



#### V-9805

#### Vandal Resistant Enclosure

- Provides A Virtually Indestructible, Recess Mounted Speaker
- Non-Loosening Screws
- Stainless Steel



## SIP DOORPLATE SPEAKERS



#### VIP-172AL-Brass Brass Face VIP-172AL-ST Stainless Steel Face

- SIP DoorPhone w/ Door/Gate Relay • PoE Compatible
- Use with Cisco, Nortel, Avaya, & Most Modern IP Telephone systems
- Companion to IP CCTV Cameras • Automatic Talkback Operation
- Easy, RJ45 Plug in Connection • Includes Long Line extender – up to 300 Meters Between Network Interface and Door Speaker

#### VIP-172L-VR Vandal Resistant Stainless Steel Face

- As above in a vandal-resistant enclosure

## WE'VE GOT IT ALL

At Target Distributing we carry the complete line of Valcom Paging Equipment – if you don't see it here call your rep today!



### SIP Wall Speakers

#### VIP-410

#### One Way 8" Amplified Wall Speaker

- Sleek, modern design
- 8" speaker
- Gray w/ black cloth grille
- Paintable metal housing
- Easy Installation
- Screw terminals
- Uses Standard CAT 3/5/6 Cable
- Excellent voice & music reproduction



#### VIP-411-DS

#### One Way 8" Amplified Wall Speaker with Digital Clock

- PoE (802.3af) - No Local Power Required
- 2.5" - 5 Character
- Red LED's
- Only One Ethernet Port Connection Required
- Output Level 103 db/1Meter



#### VIP-412-DF

#### One Way IP Speaker Faceplate Unit

- PoE (802.3af) - No Local Power Required
- 2.5" - 5 Character
- Red LED's Other LED Colors On Request
- Only One Ethernet Port Connection Required
- Output Level 103 db/1Meter
- Line Output Supports Valcom Amplified Speakers



## IP CLOCKS

### IP PoE Clocks

#### Analog & Digital

- Easy to Install
- via RJ-45 Connection • Power-over-Ethernet
- No Master Clock Required - Set Automatically by NTP (Network Time Protocol)
- DHCP or Static IP Addressable • Industrial Grade Metal Housing



#### Single Sided

- 12 Inch Analog.....VIP-A12A
- 16 Inch Analog.....VIP-A16A
- 4 Digit 4 Inch.....VIP-D440A
- 6 Digit 4 Inch.....VIP-D640A
- 4 Digit 2.5 Inch.....VIP-D425A
- 6 Digit 2.5 Inch.....VIP-D625A

#### Double Sided

- 12 Inch Analog .....VIP-A12A-DS
- 16 Inch Analog .....VIP-A16A-DS
- 4 Digit 4 Inch .....VIP-D440A-DS
- 6 Digit 4 Inch .....VIP-D640A-DS
- 4 Digit 2.5 Inch.....VIP-D425A-DS
- 6 Digit 2.5 Inch.....VIP-D625A-DS

## MULTI-LINE CORDED/CORDLESS SYSTEMS

### SynJ SB67138 4-Line Corded/Cordless Small Business System with Auto Attendant

- 1 to 4 Line Capability • DECT 6.0 Zero Blind Slot Digital Technology—up to 10 accessory handsets active at the same time • Extended Range • Corded Base and Cordless Handset • Push-to-Talk Intercom—from base to handset & handset to handset • Expandable System (use up to 10 SB67108 cordless handsets)
  - Intercom and Call Transfer Between Stations • 10 Speed Dial and 10 Intercom Number Locations
  - 3-Party Conferencing • Speakerphones in Handset and Base • 4 Lighted Line Indicators
  - Selectable Ring Tones • Handset, Speakerphone, Headset and Ringer Volume Control
  - Last 10 Number Redial • 100 Name/Number Phonebook Directory • External Music on Hold
  - 50 Name/Number Caller ID History • Up to 180 Minutes of Digital Recording Time • Auto Attendant on Each Line
  - Individual Voicemail Boxes for Each Extension • Remote Access with Programmable Options • Memo Recording
  - Call Screening/Intercept • Message Retrieval from Handset • Message Time/Day Stamp • Voice Prompts
- SB67108** Cordless Expansion Handset for SB67138 Base



### SynJ SB67148 Expandable 4-Line Cordless Deskset (Requires SynJ SB67138 Above To Operate)

- Last 10 Number Redial • Selectable Ring Tones • English/Spanish Setup Menu • Ringer Volume Control
- Headset Compatible (2.5 mm) • 10 Number Speed Dial • Chain Dialing • 3-Party Conferencing
- Large Blue Lighted Display • Receiver/Speakerphone/Headset Volume Control • Hearing Aid Compatible
- Hold • Mute • Intercom Between Handset and Base • Intercom Between Handsets • Base Speakerphone
- Call Transfer Using Intercom • 1 to 4 Line Capability • 100 Name/Number Phonebook Directory
- Push-To-Talk for instant and easy communication between handsets



### SynJ SB67128 DECT 6.0 Range 4-Line Repeater

- DECT 6.0 Zero Blind Slot Digital Technology—up to 10 Accessory handsets active at the same time
- Connect up to 6 Repeaters to 1 Corded Base Unit
- Extendable Range—up to 980 feet per repeater, up to two repeaters linked for 2940 feet of range



### SynJ SB67108 DECT 6.0 Additional Cordless Handset

- 4-Line accessory handset for use with SynJ SB67138 corded/cordless base shown above
- Push-to-Talk Intercom • Up to 10 of these units can be used with the SynJ SB67138
- Blue backlit display and keypad • 2.5mm headset compatible



#### AT&T 1040

##### 4-Line Speakerphone with Intercom

- Page, Intercom & Call Transfer Between Stations
- 32 Speed Dial and 16 Intercom Locations
- Expandable to 16 Stations
- 3-Party Conferencing
- Speakerphone
- Headset Compatible (2.5 mm)
- Chain Dialing
- Rapid Scroll
- 4-Line Lighted Display
- Memory Loss Protection
- Auto Line Selection • Hold
- Line Status • Do Not Disturb
- Auto Redial • Last 6 Number Redial
- Mute • 2 Data Ports
- Power Failure Operation of all 4 Lines
- Handset, Speaker & Headset Volume Control
- Flash • Selectable Ring Tones
- Hearing Aid Compatible



#### AT&T 1070

##### 4-Line Speakerphone with Intercom and Call Waiting Caller I.D.

- Page, Intercom & Call Transfer Between Stations
- 200 Name/Number Caller I.D.
- 32 Speed Dial and 16 Intercom Locations
- Expandable to 16 Stations
- 3-Party Conferencing • Speakerphone
- Headset Compatible (2.5 mm)
- Chain Dialing • Rapid Scroll
- 4-Line Lighted Display
- Memory Loss Protection
- Auto Line Selection • Hold
- Do Not Disturb • Auto Redial
- Last 6 Number Redial • Mute • 2 Data Ports
- Power Failure Operation of all 4 Lines
- Handset, Speaker & Headset Volume Control
- Flash • Selectable Ring Tones
- Hearing Aid Compatible



#### AT&T 1080

##### 4-Line Speakerphone with Intercom, Answering System and Auto Attendant and Call Waiting Caller I.D.

- Built-in digital telephone answering system/auto attendant with 60 minutes recording • 200 Name/Number Caller I.D.
- 32 Speed Dial and 16 Intercom Locations
- Expandable to 16 Stations
- 3-Party Conferencing • Speakerphone
- Headset Compatible (2.5 mm)
- Chain Dialing • Rapid Scroll
- 4-Line Lighted Display • Hold
- Memory Loss Protection • Auto Line Select
- Do Not Disturb • Auto Redial
- Last 6 Number Redial • Mute • 2 Data Ports
- Power Failure Operation of all 4 Lines
- Handset, Speaker & Headset Volume Control
- Flash • Selectable Ring Tones
- Hearing Aid Compatible





- Standard Desk**  
**2500XX-VBA-20M-Colors\*** 250047-VBA-20M  
 • Fully modular • Hearing aid compatible • Ringer volume control  
 • ADA Volume Control Compliant • \*Available in black, ivory, & ash
- Standard Desk with Flash** 250044-VBA-20F  
 • Fully modular • Hearing aid compatible • Ringer volume control  
 • ADA Volume Control Compliant • Available in ash only
- Standard Desk with Flash and Message Waiting** 250044-VBA-27F  
 • Fully modular • Hearing aid compatible • Ringer volume control  
 • ADA Volume Control Compliant • Available in ash only
- Standard Desk with Message Waiting** 250044-VBA-27M  
 • Fully modular • Hearing aid compatible • Ringer volume • Ash only



- Standard Wall**  
**2554XX-VBA-20M-Colors** 255447-VBA-20M  
 • Fully Modular • 9' Handset Cord • Single-Gong Ringer  
 • Ringer Volume Control • Hearing Aid Compatible • ADA Volume Control Compliant
- Standard Wall with Flash** 255444-VBA-20F  
 • Fully Modular • 9' Handset Cord • Single-Gong Ringer  
 • Ringer Volume Control • Hearing Aid Compatible • ADA Volume Control Compliant  
 • Available in ash only
- Standard Wall with Flash and Message Waiting** 255444-VBA-27F  
 • Fully Modular • 9' Handset Cord • Single-Gong Ringer  
 • Ringer Volume Control • Hearing Aid Compatible • ADA Volume Control Compliant  
 • Available in ash only

**XX = COLORS** 00 = Black 15 = White 44 = Ash 09 = Ivory 47 = Red 13 = Beige 45 = Brown  
 2500 Series desk phones and 2554 Series wall phones are available in the above colors unless otherwise noted in their description.

## DIAL-IN-HANDBSET

- 6150XX-VOE-M Trendline**  
 • Tone/pulse • 3 one-touch  
 • 10 two-touch  
 • Mute • Pause  
 • Flash • Redial  
 • Visual ringer on handset back  
 • Electronic ringer  
 • Desk or wall mount  
 XX = Frost (21) or Black (00)



## MULTI-FEATURE PHONES

- 120300-VOE-27S**  
**Basic Single-Line Business Telephone with Speaker**  
 • Flash (100/300/600 mSec) • Hold with Indicator  
 • Redial • Pause • Mute with Indicator  
 • Twelve One-Touch Memory Locations  
 • Ten Two-Touch Memory Locations  
 • Tone/Pulse Switchable  
 • Ringer Volume Control  
 • Handset Volume Control (-10dB)  
 • Desk/Wall Mountable  
 • 90V Message Waiting • 2.5 mm Headset Jack • Speakerphone • Data Port  
 • Available in black only, as shown



## COLLEAGUE SPEAKERPHONE

- 2201-00-VBA27S** Black  
**2201-21-VBA27S** Frost  
 • Last Number Redial  
 • Flash (100-300-600ms) switchable  
 • 90V Message Waiting Lamp  
 • Handset Volume Control - ADA Compliant  
 • Hook Delay (Positive Line Disconnect)  
 • Data Jack  
 • Hearing Aid compatible  
 • Hold with LED Indicator (Flip-Flop Type) • Desk/Wall Mountable



- 912500TP227S**  
**Single Line Multi-Feature Speakerphone**  
 • Caller ID with Call Waiting  
 • 99 CID Memory  
 • 3 Line Blue Backlit Display  
 • Speakerphone  
 • Voice Message Waiting Indicator/FSK  
 • Mute • Hold • Flash • Redial  
 • 20 # Speed Dial • 2.5mm Headset Jack  
 • Adjustable Stand  
 • Hearing Aid Compatible  
 • Conference • Hold (PBX)  
 • Speaker Volume Control  
 • Handset Volume Control • Ringer Low/High/Off  
 • Pause • 3 Programmable 1 Touch Memory Buttons • Desk/Wall Mountable  
 • Available in black only, as shown



- 2203-00-VBA27S** Black  
**2203-21-VBA27S** Frost  
 Same as 2201 above and adds:  
 • 10 One-Touch Programming Memory  
 • Mute with LED Indicator (Flip-Flop Type)  
 • Handsfree Speakerphone with LED Indicator  
 • Handset Control Switch



- 2205-00-VBA27S** Black  
**2205-21-VBA27S** Frost  
 Same as 2203 above and adds:  
 • **Two Telephone Lines**  
 • Line In-Use Status with LED Indicator  
 • Conference



- 240085VOE21F**  
**ezTouch Memory Telephone**  
 • 10 Number Memory  
 • One-Touch PHOTOMemory  
 • Desk/Wall Mountable  
 • Receiver Volume Control  
 • Ringer Control  
 • Large Dial Buttons  
 • Braille Raised Characters  
 • Redial  
 • Flashing Visual Ring  
 • Hearing Aid Compatible  
 • Available in Frost only, as shown



**TARGET IS YOUR SOURCE FOR CORTELCO PHONES**

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## DESK/WALL CORDED PHONES

### 210-Black

#### Trimline Telephone

- Fully Illuminated Dial Buttons
- 10-Number Memory
- 3 One-Touch Memory Buttons
- Receiver Volume Control
- Redials Last Number Dialed
- Desk or Wall Mount



### 210-White

#### Trimline Telephone

- Fully Illuminated Dial Buttons
- 10-Number Memory
- 3 One-Touch Memory Buttons
- Receiver Volume Control
- Redials Last Number Dialed
- Desk or Wall Mount



### 1909

#### Trimline with Caller ID

- Caller ID/Call Waiting Capability
- 50 Name/Number Caller ID History
- Requires 4 AA batteries (not included)
- Display Dial • 13 Number Memory
- Mute • Flash • Redial
- Ringer and Receiver Volume Controls
- Table/Wall Mountable
- In White Only



### 2909

#### Caller ID Speakerphone

- Speakerphone • 14 Number Memory
- Hold • Redial • Flash • Mute
- English/Spanish/French Setup Menu
- Caller ID/Call Waiting Capability
- 65 Name/Number Caller ID History
- Requires 4 AA batteries (not included)
- In White Only



## 2-LINE MULTI-FEATURE CORDED PHONES

### ML17929

#### Two-Line Speakerphone

- 2-line operation
- 3-party conferencing
- Line-status indicator
- Auto line selection
- ClearSpeak® dial-in-base speakerphone
- 100 name and number phonebook directory
- Ringer volume control
- 18-number speed dial
- Headset compatible (2.5mm jack)
- Display dial
- Line power mode
- Receiver and speakerphone volume control
- Chain dialing
- Data port • Hold • Mute
- Hearing aid compatible
- Caller ID/call waiting • 99 name and number caller ID history • Black only



### ML17939

#### Two-Line Speakerphone with Digital Answerer

- 2-Line Operation
- Speakerphone
- 3-Party Conferencing
- 100 Name/Number directory
- Selectable Ringer tones for both lines
- Headset compatible (2.5mm jack)
- Line status indication
- Data port • Hold • Mute
- Automatic Line Selection • Chain dialing
- Caller ID/Call Waiting Capability
- 99 name/number caller ID history
- Up to 12 minutes of digital recording time for each line
- Message time/day stamp • Call screening/intercept
- Remote access • Voice prompts • Memo recording • Black only



## 1 & 2-LINE CORDLESS PHONES

### CRL32102 Cordless with Digital Answerer

- Up to 14 Minutes of Digital Recording Time
- Backlit LCD and lighted keypad • Caller ID/call waiting
- Quiet mode • Visual ringing indicator • Talking digits
- DECT 6.0 digital technology • Conference • 9# speed dial
- 50 name and number phonebook directory
- Voicemail waiting indicator • Last 10 number redial
- Wall-mount bracket included • Mute • Any key answer



### CRL30102

#### Additional Handset for CRL32102 at Left

- Backlit LCD and lighted keypad
- Caller ID/call waiting display • Visual ringing indicator
- Talking digits • Voicemail waiting indicator
- Audio Assist® temporarily increases overall volume and enhances sound frequencies that make speech easier to understand
- HD audio with equalizer for customized audio



### TL88102 Two-Line Cordless with Dual Caller ID/Call Waiting with User Selectable (On/Off) Voice Mail

- Dial and receive calls on two different phone lines • Intercom between handsets and base unit
- Handset and base speakerphones • Extra Large LCD Display w/ Adjustable Tilt on base
- Conference between an outside line and up to 4 cordless handsets
- 50 name and number phonebook directory • 10 number speed dial
- Headset compatible (2.5mm jack) • Voicemail waiting indicator
- Last 20 number redial • Table-Mountable only • Mute • Any key answer
- 14 minutes of digital recording on each line • Call screening • Call intercept • Remote access
- Message retrieval from handset • Message time stamp

**TL88002 Expansion Handset** Add up to 11 additional handsets for a total of 12



## DECT 6.0 CORDLESS PHONES



### KX-TGD510B

- Large, 1.6" White Backlit Handset Display
- Illuminated Handset Keypad
- Call Block • Intelligent Eco Mode
- Handset Speakerphone
- Up to 3-Way Conference Capability
- Call Waiting Caller ID
- Handset Locator • Intercom
- Wall Mountable • Belt Clip
- **Expandable to 6 Handsets**

**KX-TGDA51** — Additional Handset



### KX-TGD512B 2-Handset Bundle

- Large, 1.6" Amber Backlit Handset Display
- Illuminated Handset Keypad
- Call Block • Intelligent Eco Mode
- Handset Speakerphone
- Up to 3-Way Conference Capability
- Call Waiting Caller ID
- Handset Locator • Intercom
- Wall Mountable • Belt Clip • Ringer ID
- **Expandable to 6 Handsets**

**KX-TGDA51** — Additional Handset



### KX-TGD530M

- Digital Answering System with 17 minutes
- Illuminated Handset Keypad
- Call Block • Intelligent Eco Mode
- Handset Speakerphone
- Up to 3-Way Conference Capability
- Call Waiting Caller ID
- Handset Locator • Intercom
- Wall Mountable • Belt Clip
- **Expandable to 6 Handsets**

**KX-TGA659B** — Additional Handset



### KX-TG9581 2-Line

#### Link-to-Cell Bluetooth Cordless with 1 Handset

- Advanced 2-line calling/messaging • Sync up to four smartphones
- Connect to your home or office PC to make and receive calls from Outlook® • Battery Power Backup
- Dual Speakerphone (Base & Handset)
- 3-way conferencing with hands-free speakers in base unit and handsets • Call Block • Text Alerts
- Superior sound control with tone equalizer and noise reduction
- **Expandable to 12 Handsets**

**KX-TGA950** — Additional Handset



### KX-TG9582 2-Line

#### Link-to-Cell Bluetooth Cordless 2 Handset Bundle

- Advanced 2-line calling/messaging • Sync up to four smartphones
- Connect to your home or office PC to make and receive calls from Outlook® • Battery Power Backup
- Dual Speakerphone (Base & Handset)
- 3-way conferencing with hands-free speakers in base unit and handsets • Call Block • Text Alerts
- Superior sound control with tone equalizer and noise reduction
- **Expandable to 12 Handsets**

**KX-TGA950** — Additional Handset

## CORDED TELEPHONES



### KX-TS880-B Speakerphone

- Step Tilt Angle • Navigation Key
- Hands-Free Speakerphone
- Programmable Flash Time
- Call Waiting Caller ID
- 2.5mm headset jack
- Redial (Last 20 numbers Dialed)
- Dial Lock (4 digits PIN) • Auto Redial
- Electronic Hold • In Black Only



### KX-TSC11-B Single Line Telephone

- 2-Line LCD Display with Clock
- 50-Station Caller ID Memory & Dialer
- Call Waiting
- Phone Company Voice Mail Compatible
- Chain Dial • Programmable Call Restriction
- 3-Step Ringer Volume Control
- Switchable Tone/Pulse
- In Black Only



### KX-TS208-W 2-Line Speakerphone

- Conference • Distinctive ring
- 16-digit LCD with clock
- Programmable restriction
- 10-number 1-touch speed dial
- Data port
- Redial • Pause • Headset compatible
- Mute • Hold • Flash
- Desk/wall mount • White only

**TARGET IS YOUR BEST SOURCE FOR PANASONIC**

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## Inline Receiver Amplifier W10-00

- Works with virtually any phone
- Easily installs between the existing modular telephone base and the current handset
- Up to 19dB amplification
- Rotary volume control
- AC powered with adapter included
- Available in black only



## Inline Receiver Amplifier W-10BP-00

- Works with virtually any phone
- Easily installs between the existing modular telephone base and the current handset
- Up to 19dB amplification
- Rotary volume control
- Uses 2 "AA" batteries (included)
- Available in black only



## HA40 P/N 01933.000

### Handset Amplifier

- Clarity® Power™ technology
- Increases incoming sounds up to 40 decibels
- Adjustable incoming volume control
- Adjustable tone control (600-2400Hz)
- Boost button allows for even more amplification and eliminates background noise and feedback by muting the mic in the handset
- Connects easily between handset and telephone base
- Compact and portable • Battery included • White only



## PTS-500-OP3-00

### Push-To-Signal 6-Wire Handset

- Push-to-Signal (PTS) Initiates radio signal transmission
- The PTS is for radios, FAA, dispatch consoles or where 6-conductor cord is required.
- OP3 - 9 Foot coil cord, hardwired with a 6-wire dual prong plug
- CRBN Carbon Transmitter - 8 Volts DC



## W6-500M-XX

### G-Type Amplified Handset

- Ideal for use in noisy surroundings, poor line quality and for the hearing impaired
- Improves listening volume up to 20dB
- Analog Only
- ADA Compliant (hearing aid compatible)
- Works on most phones
- G-Style
- Line powered, no batteries required
- In ash only



XX = 00-Black, 44-Ash

## PTS-K-6-NC2-00

### Noise Cancelling

### K-Type Push-To-Talk Handset In Black

- Noise cancelling microphone
- Used in 6-wire applications such as:
  - 2-way radio dispatch
  - 911 centers
  - FAA control towers
  - Any noisy environment
- Includes 15-foot coiled cable
- Line powered, no batteries required



## W6-K-M-NC-4-RP-00

### K-Type Reverse Polarity Amplified Handset In Black

- Ideal for use in noisy surroundings, poor line quality and for the hearing impaired
- Improves listening volume up to 20dB
- Analog Only • K-Style
- ADA Compliant (hearing aid compatible)
- Compatible with telephones that have a reverse polarity handset, like Panasonic, and works with most Panasonic phones
- Line powered, no batteries required



## W6-UNI-K-00

### K-Type Amplified Handset In Black

- Ideal for use in noisy surroundings, poor line quality and for the hearing impaired
- Improves listening volume up to 20dB
- Analog Only
- ADA Compliant (hearing aid compatible)
- Works on most phones
- K-Style
- AC powered (adapter included)



## W6-K-M-00 Black

## W6-K-M-44 Ash

### Amplified Handset

- Ideal for use in noisy surroundings, poor line quality and for the hearing impaired
- Improves listening volume up to 20dB
- Analog Only
- K-Style
- ADA Compliant (hearing aid compatible)
- Compatible with with most phones
- Line powered, no batteries required



## NC1-00 Noise Censor for G-Type Handset

The Walker NC-1 Noise canceling censor for handsets offer a unique noise canceling system integrated in directional microphone housing. Reduces side tones. Makes calls clearer. For all noisy environments. Can be used with amplified handsets. Converts existing handset into a noise cancelling handset. For 500 or G-Style Handsets

- Directional microphone for use in noisy areas
- User installable – replaces the standard carbon transmitter
- Available in black only



**D702™ 53702.000**

**DECT 6.0**

**Amplified/Low Vision Cordless**

- Clarity Power™ technology
- Amplifies incoming sounds up to 30 db
- Adjustable tone control
- Loud and clear handset speakerphone
- Large backlit keypad
- Ten (10) loud-and-clear ringtones with six (6) levels of volume
- Expandable up to five (5) handsets



**D703™ 53703.000**

**DECT 6.0**

**Amplified/Low Vision Cordless**

- Clarity Power™ technology
- Amplifies incoming sounds up to 35 db
- Adjustable tone control
- Loud and clear handset speakerphone
- Large backlit keypad
- Ten (10) loud-and-clear ringtones with six (6) levels of volume
- Expandable up to five (5) handsets



**XLC2™ 59522.000**

**DECT 6.0 Amplified**

**Non-Expandable Cordless with Talking Caller ID**

- Digital Clarity Power™ amplifies incoming sound up to 50db
- Three (3) tone settings
- Handset speakerphone
- Amplifies outgoing speech up to 15 decibels
- Illuminated talking dial pad with large buttons that speak the number dialed
- 12 speed dial buttons • Belt clip
- Extra loud ringer (95dB) with adjustable tones
- Direct connection to assistive listening devices
- Dual Power Battery Backup



**D702HS 52702.000**

**Additional Handset**

**D703HS 52703.000**

**Additional Handset**

**P300 76593.000**

**Amplified Corded "Photo" Phone**

- Clarity Power™ technology
- Amplifies incoming sound up to 26 decibels
- 9 programmable photo memory buttons
- Adjustable ringer pitch and volume control
- Bright visual ring indicator
- Extra loud ringer (75+ dB)
- Large, easy-to-use dial pad
- Desk or wall mount options
- Can be directly connected to assistive listening devices or headset (2.5mm) • Works even when the power is out



**Alto 54005.001**

**Digital Extra Loud Big Button Speakerphone**

- Amplifies incoming sounds up to 53 decibels and outgoing speech up to 15 decibels
- Extra loud ringer volume
- Built-in speakerphone
- Soft touch backlight keypad
- Ten (10) one-touch speed dial memory buttons
- ClarityLogic™ remote diagnostic service
- Clarity VoiceAssist talking keypad
- Oversized bright visual ringer
- Headset, neckloop and bedshaker ports
- Battery backup to make calls when the power goes out



**Alto Plus 54505.001**

**Amplified Corded Phone**

- Up to 53dB amplification • Tone and volume control
- Loud 100dB ringer with visual indicator
- Speakerphone • Outgoing speech amplification of 15dB
- 4" backlit screen with large font
- Talking Caller ID/ talking keypad with Clarity Voice Assist
- 3 one-touch memory buttons
- 2.5mm headset jack • 3.5mm neckloop jack
- ClarityLogic™ remote diagnostic service
- Jack for optional bed shaker (not included)



**JV35 76560.001 Black Buttons**

**JV35W 76557.101 White Buttons**

**Amplified Phone with Talk Back Numbers**

- Digital Clarity Power™ amplifies incoming sound up to 50 decibels
- Extra large Braille buttons
- Electronic voice repeats each number as it is dialed
- Speed dial buttons can be programmed to speak name of person for that speed dial out loud
- Adjustable incoming volume and tone control
- Visual ring indicator • Extra loud (95+ dB) ringer



**Q90D 79040.000**

**Digital TTY/VCO with Text Answering Machine**

- 68-key PC-style keyboard with one touch buttons for typing commonly used phrases
- Connects to your TSB-121 compatible cell phone
- Text answering machine with remote message retrieval
- Built-in microphone for hands-free VCO calls
- Rechargeable batteries and AC adapter included

**E814 53730.000**

**Amplified Corded Phone with Digital Answering Machine**

- Amplifies incoming sound up to 40 decibels
- Amplified digital answering machine • Five (5) speed dial buttons
- Large keypad with high contrast numbers
- Large high contrast CID display
- Extra loud and clear speakerphone
- CID display lights up as super bright visual ringer
- Expandable up to four D703HS cordless handsets



**E814CC 53727.000**

**Amplified Corded/Cordless Combo with Answering Machine**

- Amplifies incoming sound up to 40 decibels
- Four (4) tone settings to customize your listening experience
- Amplified digital answering machine
- Large high contrast CID display
- Five (5) speed dial buttons
- Extra loud and clear speakerphone
- Large keypad with high contrast numbers
- Ten (10) loud ringer melodies with six (6) levels of volume
- CID display lights up as super bright visual ringer
- Expandable up to four D703HS cordless handsets (3 more can be added)



**ADDITIONAL CORDLESS HANDSETS**

**D702HS 52702.000**

**Additional Handset**

- For D702 Cordless Phone
- A maximum of 4 handsets may be added



**D703HS 52703.000**

**Additional Handset**

- For D703 Cordless & E814/E814CC
- A maximum of 4 handsets may be added to E814; 3 to the E814CC



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# CORDLESS PHONES

EnGenius™

## EXTREME RANGE SINGLE LINE CORDLESS

### FreeStyl 1

**FreeStyl1** FreeStyl 1 System - Single Line Base Station with (1) FreeStyl 1 Handset  
**FreeStyl1HC** FreeStyl 1 Handset Kit - w/battery pack, charging cradle and ac adaptor

#### Extreme Range Cordless

Offers more coverage than any other consumer rated cordless telephone in North America

#### 2-Way Radio

Multi-functional cordless system offers walkie talkie like functionality which operates independent of the base station.

#### WiFi Compatible

The 900 MHz FreeStyl high power frequency will not interfere with today's wireless networks

#### Expandable Handsets

The FreeStyl system can start out with only (1) handset and expands up to (9) handsets

- Superior Multi Floor Coverage
- More Range than 2.4 or 5.8 Ghz
- Digital Spread Spectrum—Security
- Built in 2-Way Radio between handsets
- Base station dialing w/speakerphone
- 4.5 hours talk time, 70 hours stand-by time
- Wireless full duplex intercom between FreeStyl base & other FreeStyl handsets
- PTT (push to talk) Broadcast PA between FreeStyl base & FreeStyl handsets
- Penetrates Concrete, Wood and Drywall
- Outperforms all DECT solutions
- Expandable to (9) total handsets
- Built in handset broadcast system
- Handset speakerphone
- Works behind any analog port (PBX, VOIP, PSTN, FXS or POTS)



**Coverage:**  
 Up to 25,000 square feet  
 10 acres and  
 6 floors of penetration  
**NO CERTIFICATION REQUIRED**



FreeStyl 1 Handset

#### Accessories

**FreeStyl1BA** Battery Pack  
**FreeStyl1BAE** Battery Pack - Extended Talk Time  
**FreeStyl1ANTB** Antenna Assembly for Base Unit  
**FreeStyl1HSA1** Antenna Assembly for Handset (optimal) (long)  
**FreeStyl1HSA2** Antenna Assembly for Handset (low profile) (short)

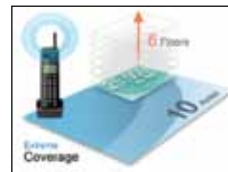
**FreeStyl1ACB**  
**FreeStyl1ACC**  
**FreeStyl1CC**  
  
**FreeStyl1CH**  
**FreeStyl1Pouch**

AC Adaptor for Base  
 AC Adaptor only for Desktop Cradle  
 Desktop Cradle only for Handset (requires FreeStyl 1-ACC)  
 Desktop Charger & AC Adaptor for Handset  
 Handset Pouch (with built in belt clip assembly)

### FreeStyl 2

**FreeStyl2** FreeStyl 2 System - (1) Single Line Base Station with (1) FreeStyl 2 Handset and Charger

- Scalable: supports up to 9 simultaneous handsets (sold separately)
- High Power/High Sensitivity for extreme wireless range and connectivity • Speakerphone in handset • 2-Way Intercom
- Simultaneous broadcast to multiple handsets from any handset
- Operation Frequency: 902~928MHz (option for 902~915MHz & 915~928MHz)
- Up to 400mW Transmit Power / -111dbm Receive Sensitivity • Phone book: 50 entries • Soft menu key
- Handset speakerphone • Broadcast (independent with base)
- Intercom (independent with base) • Transmit power control
- Adjustable microphone gain • Message waiting detection (VMWI)
- 4-line LCD display • Hold • Built-in music on hold • Rapid charging • Mute
- Wall mountable • 2.5mm headset jack • Ringer/ vibrator



#### CALL FOR AVAILABLE ACCESSORIES

## INDUSTRIAL LONG-RANGE CORDLESS SIP PHONE

#### DuraFon-SIP

The DuraFon-SIP Cordless Phone System delivers industry-leading range, durability and reliability, in a flexible, multimode communications platform that provides users with the lowest total cost of ownership (TCO) in the industry. This durable, long-range SIP cordless phone provides up to 250,000 square feet of facility coverage, penetrates up to 12-floors for in-building coverage and up to 3,000 acres of property in open land coverage.

It supports both SIP and one PSTN line analog and is ideal for companies with an existing IP-PBX system on the premises or those using hosted VoIP services that require reliable, long-range communications over large areas or in harsh environments. Such as, organizations whose staff work on large properties outside of a conventional office, or venues where employees need to stay in constant contact with a main office or management team and where Wi-Fi or DECT phones can't reach.

- Long Range SIP Cordless Phone System
- Up to 12 Floors In-Building Penetration
- Up to 250,000 sq. ft. of Facility Coverage
- Up to 3,000 Acres of Property, Open Land Coverage
- Multi-Mode Communications • Base Supports up to Four (4) Concurrent Calls (4-SIP or 3-SIP + 1-PSTN)
- Works with any IP-PBX that Supports Standard SIP Protocols • Independent 2-Way Intercom
- "Push-to-Talk" PTT Broadcast Feature • Proven Durability with Ruggedized Design
- Secure 900 MHz (902 ~ 928MHz) FHSS • Supports up to 10 SIP Accounts per Base Station
- Web-Based Phone Book & System Configuration



68 TARGET CARRIES THE COMPLETE LINE OF ENGENIUS TELECOM PRODUCTS

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## EXTREME RANGE SINGLE LINE INDUSTRIAL-GRADE CORDLESS



### DuraFon 1X Longest Range Cordless Phone and 2-Way Radio System Works Behind PBX/Key Systems!

- 12 floor in-building penetration
- 250,000 sq. ft. in a warehouse or retail store
- 3,000 acres on a farm or ranch • Digital 2-way radio (totally independent of the base)
- Loud broadcast/page feature (1-1, 1-group or 1-all) independent of base
- Multi-handset capable • Call hold • Call transfer • Vibration mode
- Call Waiting/Caller I.D. • 1-touch, 30-number phone directory access
- 6-hours talk time, 50 hours of stand-by time
- Programmable PBX Function Soft Key
- Add up to 9 additional DURAFON 1X-HC handsets for each base station

<b>DURAFON 1X</b>	1 Handset, 1 Base, 1 Li-Ion Battery, 1 Charging Cradle
<b>DURAFON 1X-HC</b>	1 Handset, 1 Li-Ion Battery, 1 Charging Cradle
<b>DURAWALKIE 1X</b>	The DuraWalkie 1X is a 2-way radio only handset that works only with the DuraFon 1X system. Includes charger and battery.
<b>DURAFON 1X-BU</b>	1 Base Unit



In order to resell EnGenius Cordless Telephone Systems to your customers (except for the FreeStyl 1 and 2 on the previous page), you must be an Authorized EnGenius Installer. Let Target help you become authorized today and you'll be on your way to offering the Longest Range Cordless and 2-Way Radio System on the market today!

## EXPANDABLE 4-LINE PRO LONGEST-RANGE CORDLESS

### DuraFon PRO 4-Line System

- 12 Floor in-building penetration
- 250,000 sq. ft. in a warehouse or retail store
- 3,000 acres on a farm or ranch • Multiple Handsets (up to 90)
- Multiple lines (4-ports / lines per base unit)
- Expandable to 8 base units
- Ability to broadcast to handsets via analog port or line as well as from another PRO or DuraWalkie handset directly
- Works behind any analog port of a PBX, phone system or analog phone line
- Durable, Reliable, Ease of Use, Affordable, Superior Sound Quality
- 6 hours talk time, 50 hours stand-by time
- Will only work with DuraFon PRO, OHC and DuraWalkie handsets
- Optional external antenna for indoor use in warehouses and manufacturing plant or outdoor use on farms and car lots

### System Includes:

- One (1) DuraFon PRO Base Unit • One (1) DuraFon PRO Handset
- One (1) Li-Ion Battery Pack • One (1) AC Charging Cradle • One (1) Belt Clip
- One (1) Optimal Performance Antenna • One (1) Low Profile Antenna

**NEW FEATURE:** Telephone Calls Can Be Transferred From a PRO Handset to a DuraWalkie Handset



### DuraFon PRO-HC

#### Extra Handset for DuraFon PRO

Telephone Calls Can Be Transferred From a PRO Handset to a DuraWalkie Handset  
**Will only work with DuraFon PRO shown above**  
 Includes: Handset, Battery Pack, Charging Cradle, Belt Clip and 2 Antennas



### DuraFon OHC

*This new stylish handset works with (and requires) either the 4-line DuraFon PRO, or single-line DuraFon 1X base station shown above*

- Range up to: 12 floors (office), or 250,000 sq. ft. (retail)
- Speakerphone in handset • 2.5 mm headset port
- 2-Way handset-to-handset communication, independent of base station • 50 hours stand by time
- Up to 6 hours of talk time • Sleek contemporary design

### DuraFon PRO PIB20L Kit

- One (1) DuraFon PRO Base Unit
- Four (4) DuraFon PRO Handset
- Eight (8) Li-Ion Battery Pack
- Four (4) AC Charging Cradle w/ power adaptor • Four (4) Belt Clips
- Four (4) Optimal Performance Antenna
- Four (4) Low Profile Antenna
- Four (4) DuraPouch – handset holster
- One (1) External High Gain Antenna Kit w/66' Low Loss Coax Cable • One (1) Lighting Protection Kit



## DURAFON KITS

### DuraFon PRO PIA Kit

- One (1) DuraFon PRO Base Unit
- Four (4) DuraFon PRO Handset
- Eight (8) Li-Ion Battery Pack
- Four (4) AC Charging Cradle w/ power adaptor
- Four (4) Belt Clip
- Four (4) Optimal Performance Antenna
- Four (4) Low Profile Antenna
- Four (4) DuraPouch – handset holster



**CALL FOR THE FULL LINE OF DURAFON ACCESSORIES**

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# BATTERY BACKUP

# RUNTIME CHART

Manufacturer	30 Minutes	1 Hour	2 Hours	4 Hours	8 Hours
<b>ALLWORX</b> 6X - 12W 24X - 21W Connect 320/324 - 9W Connect 530/536/731-10W <b>ZULTYS</b> SE - 30W <b>iPECS</b> MFM50/100 - 18W	EN350 BE600M1 INTERNET600U	EN750LCD BE850M2 INTERNET750U	ETR1000LCD BR1000G SMART1000LCD	PRO1500RT BR1500G SMART1500LCD	E750RTLX2U + 1 BP36RTLX SMX750RM2U + 1 SMX48RMBP2U SMART750RMXL2U + 1 BP24V28-2U
<b>PANASONIC</b> KX-NCP500 - 51W KX-TDA50G - 55W KX-NCP1000 - 65W NS700/1000 - 73W	EN750LCD BE850M2 AVR750	ETR1000LCD BR1000G SMART1000LCD	PRO1500RT BR1500G SMART1500LCD	E750RTLX2U + 1 BP36RTLX SMX750RM2U + 1 SMX48RMBP2U SMART750RMXL2U + 1 BP24V28-2U	ED1000RTLX2U + 1 EDBP48XL SMX1000RM2U + 1 SMX48RMBP2U SMART1000RMXL2U + 1 BP36V15-2U
<b>ZULTYS</b> MX250 - 85W <b>NEC</b> SL2100 (1 Cab.) - 85W <b>NEC</b> SL1100 (1 Cab.) - 77W <b>iPECS</b> eMG80 - 90W <b>IPITOMY</b> 1100 - 80W <b>VERTICAL</b> SBX/SUMMIT - 90W	EN900LCD BR1000G SMART1000LCD	ETR1500LCD BR1500G SMART1500LCD	ED1500RT2U SMX1500RM2U SMART1500RM2U	E1000RTLX2U + 1 BP36RTLX SMX1000 + 1 SMX48RMBP2U SMART1000RMXL2U + 1 BP36V15-2U	ED1500RTLX2U + 1 EDBP48XL SMX1500RM2U + 1 SMX48RMBP2U SMART1500RMXL2U + 1 BP36V42-3U
<b>NEC</b> SL1100 (2-3 Cab.) 154-231W <b>NEC</b> SL2100 (3 Cab.) - 257W <b>NEC</b> SV9100 - 184W <b>ZULTYS</b> MX-E - 180W <b>PANASONIC</b> KX-TDE100/200 240W (Med. Pwr. Sup.) KX-TDE600 - 190W <b>IPITOMY</b> 1200/1500 - 250W	PRO1500RT BR1500G SMART1500LCD	E750RTLX2U + 1 BP36RTLX SMX750RM2U + 1 SMX48RMBP2U SMART750RMXL2U + 1 BP24V28-2U	E750RTLX2U + 2 BP36RTLX SMX750RM2U + 2 SMX48RMBP2U SMART750RMXL2U + 2 BP24V28-2U	E750RTLX2U + 1 BP36RTEXL SMX1000RM2U + 2 SMX48RMBP2U SMART750RMXL2U + 1 BP36V42-3U	E2000RTLX2U + 1 BP27RTEXL SMX3000RM2U + 2 SMX120RMBP2U SMART2200RMXL2U + 1 BP36V42-3U
<b>NEC</b> SL1100- 308W (4 Cab.) <b>VERTICAL</b> SUMMIT 800 - 350W <b>iPECS</b> eMG800 - 350W <b>ZULTYS</b> MX-E - 300W (Maxed)	E750RTLX2U + 1 BP36RTLX SMX750RM2U + 1 SMX48RMBP2U SMART750RMXL2U + 1 BP24V28-2U	E1000RTLX2U + 1 BP36RTLX SMX1000 + 1 SMX48RMBP2U SMART1000RMXL2U + 1 BP36V15-2U	E750RTLX2U + 1 BP36RTEXL SMX1000RM2U + 2 SMX48RMBP2U SMART750RMXL2U + 1 BP36V42-3U	ED1000RTLX2U + 1 + 1 BP24RTEXL SMX1500RM2U + 2 SMX48RMBP2U SMART1000RMXL2U + 1 BP36V42-3U	E3000RTLX2U + 2 BP27RTEXL SMX3000RM2U + 4 SMX120RMBP2U SMART3000RMXL2U + 2 BP48V24-2U

**Notes:** Above based on up to 75% growth. Please use the above chart as a guideline for the amount of extra runtime desired. The actual amount of runtime that you will achieve will depend on a number of factors, such as: the number of additional items plugged into your UPS and the condition of the internal and (if applicable) external battery packs. **UPS manufacturers shown in each box above are in the following order:**

1. Minuteman
2. APC
3. Tripplite



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## STAND-BY UPS SYSTEMS

### EnSpire™ Series UPS Systems

- Eight outlets, four provide battery support along with spike and surge protection and four with spike and surge protection only
- USB communications (except EN350)
- Hot-swappable batteries • Tool-less battery access
- RJ11/45 Network/Phone/Fax protection
- Transformer-friendly receptacles • Built-in self-diagnostics testing
- Audio & Visual alarms • **Wall Mountable**

<b>EN350</b>	350 VA/200W
<b>EN550</b>	550 VA /300W

### EnSpire™ LCD Series UPS Systems

- Ten outlets, five provide battery support along with spike and surge protection and five with spike and surge protection only
- LCD front panel display • USB communications (except EN350)
- Hot-swappable batteries • Tool-less battery access
- RJ11/45 Network/Phone/Fax protection • ECO Mode (EN900LCD)
- Transformer-friendly receptacles
- DC Startup capability
- Independent Battery Bypass • Built-in self-diagnostics testing
- Audio & Visual alarms • **Wall Mountable**

<b>EN750LCD</b>	750 VA/400W
<b>EN900LCD</b>	900 VA/500W

### Entrust™ LCD Series UPS Systems

- 550, 700, 1000 and 1500 VA sizes
- Simulated sine wave UPS technology with Automatic Voltage Regulator (AVR)
- Four surge and battery protected outlets (550/700VA models)
- Four surge-only outlets for protection of non-critical accessories (550/700VA models)
- Five surge and battery protected outlets (1000/1500VA models)
- Five surge-only outlets for protection of non-critical accessories (1000/1500VA models)
- Input circuit breaker protection
- Ultra compact case design
- LCD front panel display
  - UPS status and condition
  - Battery Capacity bar graph
  - Estimated Runtime
  - AC and DC modes
  - Load Capacity bar graph
  - Warning / Fault icons
- USB communications • Hot-swappable batteries
- Easy battery access • Tool-less battery replacement design
- 3-year limited warranty (electronics), 2-year warranty (batteries)
- Energy Star certified • Transformer-friendly receptacles
- DC Startup capability • Independent Battery Bypass
- Built-in self-diagnostics testing • Site-wiring fault indicator
- Audio & Visual alarms • Alarm silencer button

<b>ETR550LCD</b>	- 550VA (330W)
<b>ETR700LCD</b>	- 700VA (420W)
<b>ETR1000LCD</b>	- 1000VA (600W)
<b>ETR1500LCD</b>	- 1500VA (900W)



550/750

1000/1500

For configuration go to [www.sizeups.com/9595.html](http://www.sizeups.com/9595.html)

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## LINE INTERACTIVE UPS SYSTEMS

### Entrepid Series Line Interactive UPS

<b>EP500LCD</b>	500VA / 300W
<b>EP700LCD</b>	700VA / 420W
<b>EP1000LCD</b>	1000VA / 600W
<b>EP1500LCD</b>	1500VA / 900W

- Efficient Automatic Voltage Regulation Hardware
- Protection against spikes, surges, brownouts, and blackouts • Compact form factor
- 8 power outlets (6 surge and battery-protected outlets and 2 surge-only outlets for protection of non-critical accessories and RJ11/45 phone/network surge protection for complete protection)
- LCD display shows unit status, load and battery meter and numeric display
- Transformer-friendly Outlets • Audible alarms
- Free download of Minuteman SentryHD management software connects
- Independent Battery Bypass provides voltage regulation with surge and spike protection, even when batteries are weak or dead
- Built-in self-diagnostics testing • Site-wiring fault indicator
- ENERGY STAR and RoHS 2 Compliant • 6-foot cord



### PRO-RT™ Series

- Affordable line interactive UPS technology • **LCD display panel to show UPS status information**
- **Six UPS outlets and 2 surge-only outlets** • 2U rack design
- Rack, tower or wall installation (wall requires optional kit below)
- Includes Minuteman® SentryPlus™ software
- Built-in USB and RS-232 communications ports
- SNMP compatible (requires optional SNMP card)
- Three-year parts and labor warranty

<b>PRO1000RT</b>	1000 VA/700W
<b>PRO1500RT</b>	1500 VA/1050W
<b>SNMP-NET</b>	NIC Card
<b>SNMP-NV6</b>	NIC Card
<b>E BRKT WALL</b>	Wall Installation Kit



### EnterprisePlus™ LCD Series

- 0.8 & greater power factor - get increased capacity without migrating to larger models
- Three power banks (2 switchable, 1 always-on) allow equipment prioritizing for increased runtime
- Independent Battery Bypass™ - provides voltage regulation with surge and spike protection even when batteries are weak or dead. • Easy to read LCD display - with load/battery meter
- Virtually unlimited runtime with XL Models - no limitation on the number of external battery packs
- Alarm silence button on front panel • Rack or tower configurable; optional wallmount kit available
- Small form factor - 3.5-inch (2U) rack/tower case • Simultaneous DB-9, USB and SNMP communications
- Independent battery pack chargers - reduces battery recharge times for XL Models
- Minuteman® SentryHD™ - UPS monitoring and control software included
- Industry leading product protection - with 3-year non-prorated warranty (including batteries)
- Dedicated remote Emergency Power Off (EPO) port

<b>SNMP-NET</b>	NIC Card	<b>SNMP-NV6</b>	NIC Card
<b>E BRKT WALL</b>	Wall Installation Kit		

### Standard Runtime Models (RT2U)

<b>E750RT2U</b>	750 VA/600W
<b>E1000RT2U</b>	1000 VA/800W
<b>E1500RT2U</b>	1500 VA/1200W
<b>E2000RT2U</b>	2000 VA/1760W
<b>E3000RT2U</b>	3000 VA/2560W



### Extended Runtime Batteries

<b>Extended Runtime Models (RTXL2U)</b>	(Multiple battery packs may be daisychained together for unlimited runtime)
<b>E750RTXL2U</b>	750 VA/600W use BP36RTXL (regular capacity) or BP36RTEXTL (high capacity)
<b>E1000RTXL2U</b>	1000 VA/800W use BP36RTXL (regular capacity) or BP36RTEXTL (high capacity)
<b>E1500RTXL2U</b>	1500 VA/1200W use BP36RTXL (regular capacity) or BP36RTEXTL (high capacity)
<b>E2000RTXL2U</b>	2000 VA/1760W use BP72RTXL (regular capacity) or BP72RTEXTL (high capacity)
<b>E3000RTXL2U</b>	3000 VA/2560W use BP72RTXL (regular capacity) or BP72RTEXTL (high capacity)

For configuration go to [www.sizeups.com/9595.html](http://www.sizeups.com/9595.html)

## ENCOMPASS LCD ON-LINE RACK/TOWER UPS

### Encompass™ LCD Series UPS Systems

- True online, double-conversion technology
- Compact case design, (only 2U for all models), for high density rack installations
- Easy-to-read LCD display • Output receptacle control with 2 banks • Independent Battery Bypass
- Hot-swappable battery replacement • Cold Start capable • Automatic internal bypass
- Simultaneous USB and RS-232 communications • Compatible with Minuteman's SentryHD software
- SNMP compatible (with optional card) • Dedicated EPO port • Tool-less battery replacement design
- 1Gbit RJ45 network protection • Full three-year warranty (including batteries)
- Green UPS design (RoHS2 and Energy Star compliant)

<b>EC1000RT2U</b>	1000 VA/900W	<b>SNMP-NV6</b>	NIC Card IPv4/IPv6 Compliant
<b>EC1500RT2U</b>	1500 VA/1350W	<b>SNMP-NET</b>	NIC Card
<b>EC2000RT2U*</b>	2000 VA/1800W*	<b>E BRKT RAIL</b>	Rail Kit For 4-Post Rack or Cabinet
<b>EC3000RT2U*</b>	3000 VA/2700W*	EC2000 UPS has a 5-20P input plug and EC3000 UPS has an L5-30P that requires a locking 125V/30Amp wall receptacle	



## TRUE ON-LINE, DOUBLE-CONVERSION, LCD RACK/WALL/TOWER UPS

### Endeavor™ LCD Series UPS Systems

- True on-line, double-conversion technology • Compact case design, (only 2U for all models), for high-density rack installations
- Flexible installation format: Rack/Tower or Wall (with an optional install kit) • Rackmount ears come attached to UPS
- Easy-to-read LCD display • Output receptacle control with three load banks • Independent Battery Bypass
- Hot-swappable battery replacement • Cold start capable • Temperature-compensated charging
- Automatic internal bypass • Simultaneous USB and RS232 communications
- Site-wiring fault indicator
- Compatible with Minuteman's SentryHD software
- SNMP compatible (with optional card)
- Dedicated EPO port
- External battery pack capability for virtually unlimited runtime
- 1Gbit RJ45 network protection
- A standard five-year warranty (including batteries)
- Green UPS design (RoHS and Energy Star compliant)

#### Extended Runtime Battery Packs

<b>BP24RTXL</b>	For ED1000
<b>BP48RTXL</b>	For ED1500-2000
<b>BP72RTXL</b>	For ED3000

#### High Capacity Runtime Battery Packs

<b>BP24RTEXTL</b>	For ED1000
<b>BP48RTEXTL</b>	For ED1500-2000
<b>BP72RTEXTL</b>	For ED3000

<b>ED1000RTXL2U</b>	1000 VA/900W	<b>SNMP-NV6</b>	NIC Card IPv4/IPv6 Compliant
<b>ED1500RTXL2U</b>	1500 VA/1350W	<b>SNMP-NET</b>	NIC Card
<b>ED2000RTXL2U*</b>	2000 VA/1800W*	<b>E BRKT WALL</b>	Wall Mount Kit
<b>ED3000RTXL2U*</b>	3000 VA/2700W*	ED2000 UPS has a 5-20P input plug and ED3000 UPS has an L5-30P that requires a locking 125V/30Amp wall receptacle	



## HIGH-END TRUE ONLINE RACK OR TOWER/FLOOR UPS

**Please Note: The Endeavor 5-10kVA Series are SPECIAL ORDER DROP SHIP ONLY**

### Endeavor™ Series UPS Systems

- True on-line architecture supplies critical device with transient-free pure sine wave AC power
- LCD/LED front panel displays status of UPS
- Switches to bypass automatically in case of overloading at 150%
- Maintenance free sealed-type battery minimizes after-sales service
- Intelligent, temperature-controlled • Cold start function
- Intelligent self diagnosis • Smart fan control • Communicate via SNMP/Web card
- Emergency Power Off (EPO) function • True double conversion on-line technology • High input Power Factor and low voltage THD
- Energy efficient UPS • 2X customer options slots • Remotely test major operating functions of UPS
- i-Batt (automatically manages end of discharge voltage according to load capacity)



- ED5000RTXL** – 5000VA, 4500W, 208V Input: Hardwired (terminal block) / L6-30P pigtail cord included, 120/208V Output: 6-NEMA 5-15/20, 1 L6-30R, 1 L6-30R
- ED5200RTXL** – 5000VA, 4500W, 208V Input: Hardwired (terminal block), 208V Output: Hardwired (terminal block)
- ED6000RTXL** – 6000VA, 5400W, 208V Input: Hardwired (terminal block) / L6-30P pigtail cord included, 120/208V Output: 6-NEMA 5-15/20, 1 L6-30R, 1 L6-30R
- ED6200RTXL** – 6000VA, 5400W, 208V Input: Hardwired (terminal block), 208V Output: Hardwired (terminal block)
- ED8000RTXL** – 8000VA, 7200W, 208V Input: Hardwired (terminal block), 120/208V Output: 8-NEMA 5-15/20, 1 L6-30R, 1 L6-30R
- ED8200RTXL** – 8000VA, 7200W, 208V Input: Hardwired (terminal block), 208V Output: Hardwired (terminal block)
- ED10000RTXL** – 10000VA, 9000W, 208V Input: Hardwired (terminal block), 120/208V Output: 8-NEMA 5-15/20, 1 L6-30R, 1 L6-30R
- ED10200RTXL** – 10000VA, 9000W, 208V Input: Hardwired (terminal block), 208V Output: Hardwired (terminal block)

All models above include 1 battery pack

<b>Additional battery packs:</b> <b>BP192RTXL</b> – for ED5-6kVA	<b>BP240RTXL</b> – for ED8-10kVA
<b>EDBP10000T</b> UPS Battery Pack for 6KVA & 10KVA Units	<b>ED6-120RB</b> Rec. Pt. Box (L6-30/L5-30/L5-20/[2]5-15/20)
<b>ED6-208RB</b> Rec. Pt. Box (L6-30/L6-20/[4]6-15/20)	

Up to 24KVA available as a special order/dropship. Call for Details.

For configuration go to [www.sizeups.com/9595.html](http://www.sizeups.com/9595.html)

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## BEST VALUE BATTERY BACKUP & PROTECTION FOR HOME/OFFICE APPLICATIONS



### BE425M

- 4 battery + 2 surge only outlets
- 425VA (255W)
- Ship weight – 6.6 lbs.
- 5-foot cord • LED Status Display
- \$75,000 Lifetime Equipment Protection Policy



### BE600M1

- 5 battery + 2 surge only outlets
- 550VA (330W) • Ship weight – 8.4 lbs.
- 5-foot cord • USB Charging Port
- Cold Start/Hot Swappable Batteries
- \$75,000 Lifetime Equipment Protection Policy



### BE850M2

- 6 battery + 3 surge only outlets
- 850VA (450W) • Ship weight – 9.7 lbs.
- Cold Start/Hot Swappable Batteries
- 5-foot cord • 2 USB Charging Ports
- \$75,000 Lifetime Equipment Protection Policy

## LINE INTERACTIVE UPS and SURGE PROTECTION FOR BUSINESS

### SMC1500

- 1440VA (900W)
- 8 Battery Backup and Surge Protected Outlets
- Pure sine wave output on battery
- LCD Status and Control Console
- Boost and Trim Automatic Voltage Regulation (AVR)
- Power conditioning • Serial port
- USB port • Hot-swappable batteries
- Cold-start cable • 6-foot cord
- Ship weight – 50.1 lbs.
- \$150,000 Lifetime Equipment Protection Policy



### SC420

- 420VA/260W
- 4 outlets
- 1 RJ45
- Interface Port DB-9 & RS-232
- 6-foot cord
- LED Status Display
- Hot Swappable Batteries
- Ship weight – 24 lbs.
- \$150,000 Lifetime Equipment Protection Policy



### SC450RM1U Rackmount/Tower

- 450VA/280W • 1U rackmount
- 4 outlets • 6-foot cord
- DB-9 RS-232, RJ-11, RJ-45 Connections
- LED Status Display
- Hot Swappable Batteries
- Ship weight – 27 lbs.
- \$150,000 Lifetime Equipment Protection Policy

## LINE INTERACTIVE UPS and SURGE PROTECTION FOR BUSINESS

### BR700G

- 700VA (420W)
- 3 Battery Backup and 3 Surge Protected Outlets
- LCD Display
- Automatic Voltage Regulation
- Data line surge protection
- Push button circuit breaker
- Ship weight – 17.6 lbs.
- \$150,000 Lifetime Equipment Protection Policy



### BR1000G

- 1000VA (600W)
- 4 Battery Backup Protected Outlets
- LCD Display
- Automatic Voltage Regulation
- Data line surge protection
- Push button circuit breaker
- Ship weight – 28 lbs.
- \$150,000 Lifetime Equipment Protection Policy
- APCRBC123** Replacement Battery
- Ship weight – 13 lbs.



### BR1300G

- 1300VA (780W)
- 5 Battery Backup / Surge Protected Outlets
- LCD Display
- Automatic Voltage Regulation
- Data line surge protection
- Push button circuit breaker
- Ship weight – 28.4 lbs.
- \$150,000 Lifetime Equipment Protection Policy
- APCRBC124** Replacement Battery
- Ship weight – 13 lbs.



### BR1500G (Expandable)

- 1500VA (865W)
- 5 Battery Backup / Surge Protected Outlets
- LCD Display
- Automatic Voltage Regulation
- Data line surge protection
- Push button circuit breaker
- Ship weight – 30.4 lbs.
- \$150,000 Lifetime Equipment Protection Policy
- APCRBC124** Replacement Battery
- Ship weight – 13 lbs.



## 2-POST RAIL KIT



### AP9625

#### 2-Post Rail Kit

- 2-Post Mounting Kit for Smart-UPS, Smart UPS RT and Symmetra
- Includes installation guide, mounting hardware, and rack mounting brackets.

## NETWORK INTERFACE CARDS

### AP9630

#### Network Interface Card

- Remote monitoring and control of an individual UPS by connecting it directly to the network
- Compatible with all SmartSlot UPSs
- Securely connect via HTTPS/SSL, SSH (up to 2048-bit encryption), SNMPv3
- Offers simultaneous remote management access through Telnet and SSH



### AP9631

#### Network Interface Card with Environmental Monitoring Management

- Both internal and external accessibility
- Multiple users can access system
- Users are notified of problems
- Temperature and (optional) temperature & humidity monitoring
- User friendly UPS firmware upgrade capability
- VMware Ready PowerChute software can shut down multiple servers during outages





## PERFORMANCE POWER PROTECTION FOR SERVERS & VOICE/DATA NETWORKS



**SMT750C – Tower (31.3 lbs)\***

**SMT750RM2UC – Rack Mount (2U) (46.7 lbs)\***

- 750 VA /500 Watts • Intuitive LCD • SmartConnect
- Interface Port DB-9 RS-232, SmartSlot, USB
- 6 Battery/ Surge Outlets, 6 Foot Cord (8 on -2U)

\*Shipping weight



**SMT1000C – Tower (41.9 lbs)\***

**SMT1000RM2UC Rack Mount (2U) (70.2 lbs)\***

- 1000 VA /700 Watts • SmartConnect
- Interface Port DB-9 RS-232, SmartSlot, USB
- Intuitive LCD • 6 Battery/ Surge Outlets, 8 Foot Cord

\*Shipping weight



**SMT1500C – Tower (59.9 lbs)\***

**SMT1500RM2UC – Rack Mount (2U) (70.2 lbs)\***

- 1500 VA /1000 Watts • SmartConnect
- Interface Port DB-9 RS-232, SmartSlot, USB
- Intuitive LCD • 8 Battery/ Surge Outlets (6 on -2U), 6 Foot Cord (8 on -2U) \*Shipping weight



**SMT2200C – Tower (134 lbs)\***

**SMT2200RM2UC – Rack Mount (2U) (109.4 lbs)\***

- 2200 VA /1980 Watts • SmartConnect
- Interface Port DB-9 RS-232, SmartSlot, USB
- Intuitive LCD • 8 Battery (6 on -2U) / 2 Surge outlets, 6 Foot Cord (8 on -2U) \*Shipping weight



**SMT3000C – Tower (134 lbs)\***

**SMT3000RM2UC – Rack Mount (2U) (109.4 lbs)\***

- 2700 VA /3000 Watts • SmartConnect
- Interface Port DB-9 RS-232, SmartSlot, USB
- Intuitive LCD • 10 Battery (6 on 2U) / 2 Surge outlets, 6 Foot Cord (8 on -2U) \*Shipping weight



**SMX750 Rack/Tower 600W/750VA (58.3 lbs)\***

**SMX1000 Rack/Tower 800W/1000VA (60.1 lbs)\***

- LCD interface • SmartSlot • Resettable circuit breaker
- Single switched outlet group • 8-outlet • 8-foot cord
- Hot-swap batteries • With rack mount hardware

\*Shipping weight



## EXTENDED RUNTIME SOLUTIONS

**SMX1500RM2U**

- 1440VA/ 1200W • Rack or Tower
- LCD interface
- Resettable circuit breaker
- Single switched outlet group • SmartSlot
- 8-outlet • 8-foot cord • Serial Connectivity • Hot-swap batteries • With rack mount hardware
- Shipping weight – 66 lbs.



**SMX2000LV**

- Output: 1440VA/ 1200W • Input: 120V
- Rack or Tower • 10 Outlets • 8-foot cord
- Intuitive LCD Interface • Auto Recognition of External Batteries • Green Mode • Energy Meter • Load Shedding • Multiple Switched Outlet Groups • High Online Efficiency • 1 x Smart-Slot • Automatic Voltage Regulation
- Rackmountable (4U Tall) • Shipping weight – 105 lbs.



**SMX2000RMLV2U**

- 1920VA/1800W • Rack or Tower
- LCD interface
- Resettable circuit breaker
- Single switched outlet group • SmartSlot
- 7-outlet • 8-foot cord • Serial Connectivity • Hot-swap batteries
- With rack mount hardware • Shipping weight – 99.8 lbs.



**SMX3000LV**

- Output: 2880VA/ 2700W • Input: 120V
- Rack or Tower • 10 Outlets • 8-foot cord
- Intuitive LCD Interface • Auto Recognition of External Batteries • Green Mode • Energy Meter
- Load Shedding • Multiple Switched Outlet Groups • High Online Efficiency
- 1 x Smart-Slot • Automatic Voltage Regulation • Rackmountable (4U Tall) • 105 lbs.



**SMX2200RMLV2U**

- 2200VA/1980W • Rack or Tower
- LCD interface
- Resettable circuit breaker
- Single switched outlet group • SmartSlot
- 8-outlet • 8-foot cord • Serial Connectivity • Hot-swap batteries
- With rack mount hardware • Shipping weight – 99.8 lbs.



**SMX3000RMLV2U**

- 2880VA/ 2700W • Rack or Tower
- Resettable circuit breaker
- Single switched outlet group
- SmartSlot • 7-outlet • 8-foot cord • Serial Connectivity
- Shipping weight – 99.8 lbs.
- Hot-swap batteries • With rack mount hardware



## EXTENDED RUNTIME BATTERIES

**SMX120BP**

Extra Runtime Battery for 2000-3KVA SMX Models Only

• Battery Volt-Amp-Hour Capacity: 1200 • Shipping weight – 144 lbs.

**SMX120RMBP2U**

Extra Runtime Battery for 2200-3KVA SMX Models Only

• Battery Volt-Amp-Hour Capacity: 1200 • Shipping weight – 140 lbs.

**SMX48RMBP2U**

Extra Runtime Battery for 750-1500VA SMX Models Only

• Battery Volt-Amp-Hour Capacity: 864 • Shipping weight – 63 lbs.



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# BATTERY BACKUP



## Wall-Mountable Standby UPS Systems

### INTERNET550U

- 550VA/300 Watts • 4 UPS battery supported outlets, 4 surge-only outlets • NEMA 5-15P input plug and 8 NEMA 5-15R outlets
- Right-angle plug • USB port for unattended shutdown when used with Tripp Lite's PowerAlert software • TEL/DSL protection

### INTERNET600U

- 600VA/300 Watts • 4 UPS battery supported outlets, 4 surge-only outlets • NEMA 5-15P input plug and 8 NEMA 5-15R outlets
- Right-angle plug • USB port for unattended shutdown when used with Tripp Lite's PowerAlert software • TEL/DSL protection

### INTERNET 750U

- 750VA/450 Watts • 6 UPS battery supported outlets, 6 surge-only outlets • NEMA 5-15P input plug and 12 NEMA 5-15R outlets
- Right-angle plug • USB port for unattended shutdown when used with Tripp Lite's PowerAlert software • TEL/DSL protection

### INTERNET 900U

- 900VA/480 Watts • 6 UPS battery supported outlets, 6 surge-only outlets • NEMA 5-15P input plug and 12 NEMA 5-15R outlets
- Right-angle plug • USB port for unattended shutdown when used with Tripp Lite's PowerAlert software • TEL/DSL protection



3-Year Limited Warranty,  
\$100,000 Ultimate Insurance

## Wall-Mountable Line Interactive UPS Systems

### AVR550U

- 550VA/300 Watts • 4 UPS battery supported outlets, 4 surge-only outlets • Right-angle plug
- USB port for unattended shutdown when used with Tripp Lite's PowerAlert software • TEL/DSL protection

- AVR750U • 750VA/450 Watts • 6 UPS battery supported outlets, 6 surge-only outlets • Right-angle plug
- USB port for unattended shutdown when used with Tripp Lite's PowerAlert software • TEL/DSL protection

- AVR900U • 900VA/480 Watts • 6 UPS battery supported outlets, 6 surge-only outlets • Right-angle plug
- USB port for unattended shutdown when used with Tripp Lite's PowerAlert software • TEL/DSL protection



3-Year Limited Warranty,  
\$100,000 Ultimate Insurance

## Line Interactive LCD Display UPS Systems



### OMNI900LCD

#### Line Interactive UPS w/LCD display

- 900VA/475W UPS • USB port • AVR
- 4 UPS battery supported outlets, 4 surge-only outlets
- Corrects brownouts as low as 89V without using battery power • LCD screen reports input voltage, battery charge and UPS status



### SMART1000LCD

#### Line Interactive UPS w/LCD display

- 1000VA/500W UPS • Automatic Voltage Regulation
- 4 UPS battery supported outlets, 4 surge-only outlets
- USB port, TEL/DSL/Coax protection • USB interface
- LCD screen reports real-time UPS and power status
- Plugs into any NEMA 5-15R socket



### SMART1500LCD

#### Line Interactive UPS w/LCD display

- 1500VA/900W UPS • 19" rack mountable
- 8 UPS battery supported outlets
- USB interface • USB port, TEL/DSL/Coax protection
- Offers automatic voltage regulation (AVR)
- LCD screen reports real-time UPS and power status

## Green Power Solution Energy-Saving Standby UPS

### ECO350UPS

350VA/180W

- Maintains AC output during power failures, 99% line mode efficiency • ECO option turns off set of two ECO outlets when the computer is not in use • USB, TEL/DSL protection, Wall mountable, Surge-only outlets • NEMA 5-15P input plug and 6 NEMA 5-15R outlets

### ECO550UPS

550VA/300W

- Maintains AC output during power failures, 99% line mode efficiency • ECO option turns off set of two ECO outlets when the computer is not in use • USB, TEL/DSL protection, Wall mountable, Surge-only outlets • NEMA 5-15P input plug and 8 NEMA 5-15R outlets

### ECO650LCD

650VA/325W

- LCD display • Maintains AC output during power failures, 99% line mode efficiency • ECO option turns off set of two ECO outlets when the computer is not in use • USB, TEL/DSL protection, Wall mountable, Surge-only outlets • NEMA 5-15P input plug and 8 NEMA 5-15R outlets

### ECO750UPS

750VA/450W

- Maintains AC output during power failures, 99% line mode efficiency • ECO option turns off set of two ECO outlets when the computer is not in use • USB, TEL/DSL protection, Wall mountable, Surge-only outlets • NEMA 5-15P input plug and 12 NEMA 5-15R outlets

### ECO850LCD

850VA/425W

- LCD display • Maintains AC output during power failures, 99% line mode efficiency • ECO option turns off set of two ECO outlets when the computer is not in use • USB, TEL/DSL protection, Wall mountable, Surge-only outlets • NEMA 5-15P input plug and 12 NEMA 5-15R outlets

3-Year Limited Warranty, \$100,000 Ultimate Insurance



## Rackmount Line-Interactive UPS Systems

- USB ports, DB9 ports, SNMPWEBCARD slot • Network-grade AC surge suppression • Advanced AVR
- Simultaneous monitoring by up to 3 directly-connected devices through included USB, DB9 and SNMP slots
- Supports rackmount installation in 2 or 4 post rack enclosures, upright tower placement supported - mounting accessories included • Up to a 3-year warranty • \$250,000 connected equipment insurance



### SMART500RT1U

500VA/300 Watts • 6 outlets • 1U rack/tower • 8 minute half load run time • 6 UPS-supported outlets with 1 on/off software controlled outlet

### SMART750RM1U

750VA/600 Watts • 6 outlets • 1U • 16 minute half load run time • 6 UPS-supported outlets with 2 on/off software controlled outlets

### SMART1000RM2U

1000VA/800 Watts • 6 outlets • 2U • 14 minute half load run time • 6 UPS-supported outlets with 2 on/off software controlled outlets

### SMART1500RM2U

1500VA/1350 Watts • 8 outlets • 2U • 13 minute half load run time • 8 UPS-supported outlets with 2 on/off software controlled outlets

### SMART2200RMXL2U

2200VA/1920 Watts • 8 outlets • 2U • 12 minute half load run time • Optional BP48V24-2U external rack/tower battery packs for additional runtime

### SMART3000RM2U

3000VA/2220 Watts • 8 outlets • 2U • 10 minute half load run time • Optional BP48V24-2U external rack/tower battery packs for additional runtime  
• Automatic Voltage Regulation (AVR) • Optional BP48V60RT-3U external rack/tower battery packs for additional runtime

## SmartOnline Rackmount UPS Systems

Provides mission-critical equipment with the highest level of power protection. Pure sine wave output, with zero transfer time to battery power during a blackout! Interactive LCD Display. Energy Star Qualified. PowerAlert Power Management Software up to .9 power factor. \$250K insurance; 2-year limited warranty



### SU1500RTXLCD2U

- 2U Rack/Tower, Extended Run UPS • 1500VA / 1.5kVA / 1350W on-line double-conversion 2U rack / tower UPS • 100/110/120/127V 50/60Hz output; High efficiency economy mode option • Interactive LCD with 9 selectable screens of UPS and site power data • Expandable runtime, Hot-swap batteries, 18.5 in / 47cm depth
- USB, RS232 & EPO ports, slot for network management card options • 2 independently switched load banks • NEMA 5-15P input; 6 NEMA 5-15R outlets

### SU2200RTXLCD2U

- 2U Rack/Tower, Extended Run UPS • 2200VA / 2.2kVA / 1800W on-line double-conversion UPS • 100/110/120/127V 50/60Hz output; High efficiency economy mode option
- Interactive LCD with 9 selectable screens of UPS and site power data • 10 minute half load • Expandable runtime, Hot-swap batteries, 19 in / 48.3cm depth
- USB, RS232 & EPO ports, slot for network management card options • 2 independently switched load banks • NEMA 5-20P input; 6 NEMA 5-15/20R & 1 L5-20R outlets



## True Online Double-Conversion UPS

### SU750RTXL2U

#### 2U Rack/Tower, Extended Run UPS

- 750VA / .75kVA / 600 watt on-line double-conversion 2U rack/tower UPS
- 100/110/120V +/-2% output at 50/60Hz, high efficiency economy mode option
- Extended runtime available with optional BP24V15RT2U (limit 1), BP24V28-2U (limit 1), BP24V70-3U (multi-pack compatible) and BP24V36-2US (multi-pack compatible) external battery packs
- USB, RS232 & EPO ports; support for network management card options
- Front panel status LEDs with detailed load and battery metering
- 2 independently switchable output load banks • NEMA 5-15P input; 5-15R outlets
- 2-year warranty • \$250,000 connected equipment insurance

## True Online Double-Conversion UPS

### SU1000RTXL2UA

#### 2U Rack/Tower, Extended Run UPS

- 1000VA / 1kVA / 800 watt on-line double-conversion 2U rack/tower UPS
- 100/110/120V +/-2% output at 50/60Hz, high efficiency economy mode option
- Extended runtime available with optional BP24V15RT2U (limit 1), BP24V28-2U (limit 1), BP24V70-3U (multi-pack compatible) and BP24V36-2US (multi-pack compatible) external battery packs
- USB, RS232 & EPO ports; slot for Network Management Card options
- Front panel status LEDs with detailed load and battery metering
- 2 independently switchable output load banks • NEMA 5-15P input; 5-15R outlets
- 2-year warranty • \$250,000 connected equipment insurance



## True Online Double-Conversion UPS

### SU3000RTXLCD2U

#### 2U Rack/Tower, Extended Run UPS

- 3000VA / 3kVA / 2700W on-line double-conversion 2U rackmount UPS
- 100/110/120/127V 50/60Hz output; High 98% full load efficiency economy mode option
- Interactive LCD with 9 selectable screens of UPS and site power data
- Expandable runtime, Hot-swap batteries
- USB, RS232 & EPO ports, Network management card options
- 2 independently switched 4 outlet load banks
- NEMA L5-30P input; 4 NEMA 5-15R, 4 5-15/20R & 1 L5-30R outlets
- 2 year warranty, \$250,000 connected equipment insurance

## True Online Double-Conversion UPS

### SU5000RT4UTF

#### 6U Rack/Tower, Extended Run UPS

- 5kVA / 5000VA / 4500 watt on-line double-conversion UPS; 0.9 power factor
- 208/120V 60Hz output; high efficiency economy mode option
- 6U Rack/Tower compatible; Hot swappable battery modules
- USB, RS232 & EPO ports; Slot for network management card options
- Front panel LEDs with detailed LCD monitoring and control screen
- Expandable runtime with optional external battery packs
- NEMA L6-30P input (3 wire); L6-30R, L6-20R & 5-15/20R output

## Web Management Accessory Card



### WEBCARDLX

#### Web Management Accessory Card

Operate any compatible UPS system or PDU as a managed device on your network. Monitor and control the device using an SNMP network management platform, web browser, SSH or Telnet.

- Enables remote management via SNMP, web, SSH or Telnet
- Sends user-configurable alerts via SNMP or email
- Reboots unresponsive equipment without requiring a site visit
- Allows mass configuration and updating of multiple units
- HTML5-based interface—no Java required

## Installation Accessories

### 2POSTRMKITHD 2-Post Rack-Mount Installation Kit

Allows for 2 post mounting of Tripp Lite 3U and larger UPS, Transformer and Battery Pack components with a maximum load capacity of 200 lbs



### 2POSTRMKITWM 2-Post Rack-Mount or Wall-Mount Adapter Kit

Allows for 2 post mounting of Tripp Lite 2U rackmount UPS systems and battery packs with a maximum load capacity of 150 lbs.

## Extra Battery Packs

### BP48V24-2U

#### External 48V 2U Rack/Tower Battery Pack

- Extends the runtime of compatible 48V Tripp Lite UPS Systems
- Supports 2U rackmount installation; 4 post installation accessories included



### BP48V60RT-3U External 48V 3U Rack/Tower Battery Pack

- Extends the runtime of compatible 48V Tripp Lite UPS Systems
- Supports 3U rackmount installation; 4 post installation accessories included



# SURGE SUPPRESSION



by Schneider Electric

## PNET1GB Ethernet Surge Protector

- Catastrophic Event Protection
- Data-line Protection
- Lightning and Surge Protection
- Grounding lug
- 6" Cat6 cable included



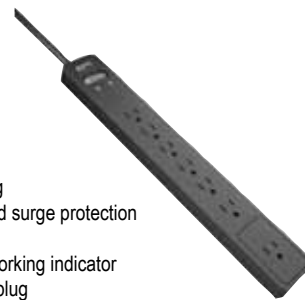
## P74 7-Outlet Power Strip

- 7 outlets
- 4 foot cord
- Status Indicator LED's
- Transformer Block Spacing
- Lightning and Surge Protection
- 840 joules
- Noise filtering



## P76 7-Outlet Power Strip

- 7 outlets
- 6 foot cord
- EMI and RFI noise filtering
- Lightning and surge protection
- 1440 joules
- Protection working indicator
- Right angle plug



## PER7 7 Outlet Surge Protector

- Basic Protection for Computers and Electronics
- 6-Foot Power Cord
- EMI/RFI Line Noise Attenuation
- Lightning and Surge Protection
- 240 joules



## NET7 AC Protection – Tel Line

- 7 Horizontal Outlets • 6-Foot Power Cord
- 480 joules
- Right Angle Plug
- Data-line Protection
- EMI/RFI Line Noise Attenuation
- Phone Line Splitter



## NET9RMBLK AC Protection

- 1U rackmount
- 9 outlets (8 rear, 1 front)
- 15-foot cord • 2770 joules
- Includes: Cord management rails, Plug pull protectors, Rack Mounting brackets, User Manual



## P6W 6-Outlet Surge Protector

- Up to 1200W input
- 6 outlets
- 15A
- 1080 joules
- Attenuates EMI/RFI line noise



## PDIY8 AC Protection

- 8 Outlets • Ruggedized
- 15-Foot Power Cord
- 820 joules • LED Status Indicator
- Hanging Hook
- EMI/RFI Line Noise Attenuation



## PDIY7 AC Protection

- 7 outlets
- Ruggedized
- 8-foot cord
- 800 joules
- Hanging hook
- Noise filtering
- Lifetime Warranty



## P1T Single Outlet Travel Surge Protector

- Tel Line Protection
- Includes RJ11 Cable
- Building Wiring Fault Indicator
- Lightning and Surge Protection
- 320 joules



## LE600 600VA Automatic Voltage Regulator

- Automatically steps up low voltage and steps down high voltage to levels that are suitable for your equipment
- 680 joules • 4 outlets • 5 Amps
- For protection against brownouts and overvoltages



## AP9562 1U Basic Rack Power Distribution Unit

- Input Receptacles: NEMA 5-15P
- Output Receptacles: 10 x NEMA 5-15R
- Input Voltage: 120 V AC • Output Voltage: 120 V AC
- Color: Black • Form Factor: Rack-mountable
- Height: 1.8" • Width: 17.6" • Depth: 2.3"
- Weight (Approximate): 5.50 lb
- Rack Height: 1U • Cord Length: 12'



## AP7801 1U Metered Rack Mount PDU

- Two digit, 7-segment LED display
- 20A/120V • 8 NEMA 5-20R outlets • 16A
- User definable alarm thresholds • Flash Upgradeable
- Color: Black • Form Factor: Rack-mountable
- Weight (Approximate): 3.8 lb
- 12-foot cord • 1 U rack space
- Height: 1.74" • Width: 17.47" • Depth: 4.03"



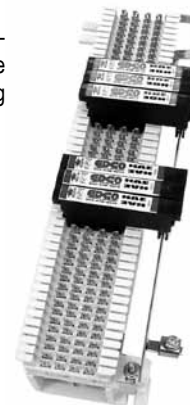
## EDCO™ H-SERIES FOR 66-BLOCK PROTECTION

The Edco COHP modules are three-stage hybrid protectors for low voltage data and telecommunications applications. The modules address over-voltage transients with gas tubes and silicon avalanche components. In addition, sneak and fault currents are mitigated with resettable fuses (PTCs). Edco COHP modules are intended to be used on pairs without the presence of ringing voltage. The modules are designed for data and control applications as an isolated loop circuit protector.

- Patent Pending UHS technology
- Fastest industry trip time
- Silicon Foldback Technology
- Auto Reset Fusing (PTC's)
- Surge and sneak current protection
- Snap-on, screwless installation



**EMERSON**  
Network Power



- HCO** CO Protection
- HDE** Digital Extensions

- HAE** Analog Extensions
- MGB** Ground Rail for 66 Blocks

78 TARGET HAS THE BEST SELECTION OF SURGE SUPPRESSION PRODUCTS

E-MAIL – [TGSales@targetdist.com](mailto:TGSales@targetdist.com) • INTERNET – [www.targetd.com](http://www.targetd.com)

## SURGE SUPPRESSORS

### MMS362P Surge Suppressor

- Two units in one pack
- Protects against surges and spikes
- Six grounded outlets each
- Wall mountable • 241 Joules



### MMS370 Surge Suppressor

- 7 outlets
- Child safety covers
- Wall mountable
- 9-foot cord
- 1440 joule rating
- \$75,000 Equipment Protection Warranty



### MMS370T Surge Suppressor

- 7 outlets
- Phone/fax/modem protection • Includes telephone cord
- Child safety covers
- Wall mountable
- 9-foot cord • 1440 joule rating
- \$75,000 Equipment Protection Warranty
- Sold in 10-Packs Only**



### MMS7100RT Surge Suppressor

- Five 90° rotating grounded outlets and five fixed grounded outlets
- **2880 Joules**
- Wall mountable
- Phone/fax/modem and coax protection
- Telephone cord included
- LED indicators
- Seven-foot power cord
- Sold in 10-Packs Only**



### MMS7120RCT Surge Suppressor

- Eight 90° rotating grounded outlets and four fixed grounded outlets
- **4320 Joules**
- Phone/fax/modem/coax protection
- Telephone cord included
- Wall mountable • LED indicators
- Nine-foot power cord
- Sold in 5-Packs Only**



## POWER DISTRIBUTION UNITS AND REMOTE POWER MANAGERS

### OEPPD815HV

#### Power Distribution Unit

- 8 (5-15R) outlets (6-Front / 2-Rear)
- One 15-Amp UL1077 Circuit Breaker
- Rackmount and 0U Brackets Included
- 15-foot power cord
- UL 60950-1 standards
- 1U-Rackmount / 0U Vertical
- 1.7" H x 17" W x 3.5" D



### OEPPD1415HV

#### Power Distribution Unit

- (6) 5-15R Front Outlets
- (8) 5-15R Rear Outlets
- Rackmount and 0U Brackets Included
- 8-foot 4-inch power cord
- Maximum Input 15 Amps
- [5-15P] Power Plug Type 5-15P
- 1.74"H x 17"W x 3.5"D



### OES1015HV

#### Surge Suppressor and Power Distribution Unit

- 10 (5-15R) outlets (2-Front / 8-Rear)
- One 20-Amp UL1077 Circuit Breaker
- 15-foot power cord
- 2000 Joule Rating
- UL 60950-1 & UL 1449 standards
- 1U-Rackmount / 0U Vertical
- 1.7"Hx17"Wx3.5"D



### OES1020HV

#### Surge Suppressor and Power Distribution Unit

- 10 (5-15R) outlets (2-Front / 8-Rear)
- One 20-Amp UL1077 Circuit Breaker
- 15-foot power cord
- 2000 Joule Rating
- UL 60950-1 & UL 1449 standards
- 1U-Rackmount / 0U Vertical
- 1.7"Hx17"Wx3.5"D



### OEPPD615HV12PC6

#### Power Distribution Unit

- (6) 5-15R Front Outlets
- 6-foot power cord
- Maximum Input 15 Amps
- Voltage In/Out 120V/120V
- Maximum Output 12 Amps per outlet
- 5-15P Power Plug Type 5-15P
- Dimensions 1.5 x 12.0 x 1.6 in



### MMPD1815V48

#### Power Distribution Unit 18 5-15R Outlets

- One 15-Amp UL1077 Circuit Breaker
- 15-foot power cord
- (18) 5-15R Front Outlets
- Maximum Input 15 Amps
- Voltage In/Out 120V/120V
- Maximum Output 12 Amps per outlet
- Power Plug Type 5-15P • Power On/Off LED
- 1.63" H x 48" W x 1.5" D

### RPM1521E

#### Remote Power Manager

- IP-addressable Remote Power Manager with built-in web server and 2 power outlets
- Allows rebooting from any internet-enabled device via a secure connection
- Allows scheduling of tasks
- Offers password-protected security levels
- Configure and control RPM units through most standard web browsers
- Provides Surge Protection
- 10 foot power cord for versatile installations
- SNMP & DNS Support



### OEPPD1420HV

- (6) 5-15/20R Front Outlets
- (8) 5-15/20R Rear Outlets
- 15-foot power cord
- Rackmount and 0U Brackets Included
- Maximum Input 20 Amps
- Maximum Output 16 Amps per outlet
- Power Plug Type 5-20P
- Power On/Off LED
- Frequency 50/60Hz
- Dimensions 1.7 x 17 x 3.5 in.



### OES620V16PC6

- (6) 5-15/20R Front Outlets
- **Surge Protection Included**
- Maximum Input 20 Amps
- Voltage In/Out 120V/120V
- Maximum Output 16 Amps per outlet
- 5-20P Power Plug Type 5-20P
- Power On/Off LED
- Frequency 50/60Hz
- Dimensions 1.64 x 16.0 x 1.5 in.



### RPM1581HVN

#### Remote Power Manager

- 8 5-15/20R receptacles (with load meter and LCD display)
- Allows rebooting from any internet-enabled device via a secure connection
- Allows scheduling of tasks
- Offers password-protected security levels
- Configure and control RPM units through most standard web browsers
- 10 foot power cord for versatile installations
- SNMP & DNS Support



LET MINUTEMAN PROTECT YOUR VALUABLE EQUIPMENT

TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494

## SurgeGate M4 and M8 SERIES AC PROTECTION



### M4KSU

- 4 switched AC outlets

### M8KSU-60

- 8 switched AC outlets

### AC Line Protection

- Diagnostic indicator lights (four)
- Expandable protection using SurgeGate Modules
- SurgeGate™ Plus Circuitry
- EMI / RFI noise filtration
- 8-foot power cord with right angle plug
- 1650 joules



### M4L-POE

### AC Line and PoE Protection

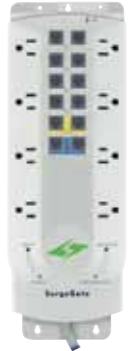
- 1 PoE cable protected
- 4 transformer spaced AC receptacles
- Expandable protection using SurgeGate Modules
- 15 Amps max
- 8-foot power cord with right angle plug
- 1650 joules



### M8COM-60

### CO Line Protection

- 4 auto-resetting tel line ports
- 1 auto-resetting T1/LL port
- LAN link protection
- 4 switched & 4 "Always On" outlets
- 1650 joules



## The Modules Shown Below Work With The SurgeGate™ Series Shown Above

### ANALOG



### MC025-60 CO Module

- Protects 25 CO lines
- Uses 50-pin RJ21X connectors
- Auto resetting PTC resistors

### MC08110 CO Module

Protection of 8 CO lines using two 110 punchdown blocks on the input and two 110 punchdown blocks on the output.

### MC04110

### CO Module

Protection of 4 CO lines with one 110 connector on the input and one 110 connector or four RJ-11 or RJ-14 jacks on the output



### MC04X4-60

### CO Module

- Auto resetting for 4 CO lines
- Sneak current protection
- 4 RJ-11/45 jacks in/out

### MC04 CO Module

- Protects 4 CO lines
- RJ-11 and RJ-45 compatible
- 2 RJ-11/45 jacks in/out

### DIGITAL



### MDS25

### Digital Station Module

- Protects Up to 25 2-Wire or Up to 12 4-Wire Digital Stations Lines Using RJ-21X (Amphenol) Connectors (Pins 1-50, Male In / Female Out)

### MDS2

### Digital Station Module

- Protects One 8-Wire (4-Pairs) (e.g. AVAYA ATL) Using RJ-45 Connectors Using Jack 1 or Two 4-Wire (2-Pairs) (e.g. Lucent MLX) Using RJ-11/45 Connectors Using Jacks 1 and 2 (Pins 3, 4, 5, 6).

### LAN/PoE or IP NETWORK CAMERAS



### CAT6A-LAN

- For 110 connectors
- 16V clamping • CAT 6A rated

### CAT5-LAN

- For 110 connectors
- 16V clamping • CAT 5e rated

### CAT5-LAN-RJ45

- For RJ-45 connectors
- 16V clamping • CAT 5e rated

### 66 BLOCK PROTECTION



### UP3B Series 66 Block Protection

- Dual Indicator Lights
- Fused protection
- Single Pair Protection
- Sneak Current Protection

### UP3B-235

For CO Lines or Analog Extensions

### UP3B-75

For Digital Extensions To Clamp At 75V

### UP3B-39

For Nortel Digital Extensions Only At 39V

### MGBSGL-1

Grounding Bar w/Lug For UP3B Series

- 1 required per 66 block

### T1



### MLLT1 CO Module

- Protects 2 4-wire leased or T-1 lines
- Clamping 70V • Use with KSU base unit

### LAN/DATA APPLICATIONS

### CAT6-LAN

- Uses 110 punchdown In/Out
- 16V clamping
- Protects high-performance 4-pair CAT 6 Outside Plant Cables as well as CAT 6 UTP cables for LAN/Data applications

### CAT6-LAN-RJ45

- Uses RJ45 In/Out
- 16V clamping
- Protects high-performance 4-pair CAT6 Outside Plant Cables as well as CAT 6 UTP cables for Voice or LAN/Data applications



### RACK MOUNT AC PROTECTION

### RACMAX 2600 (GRM-0600)

- 8 protected AC power outlets (rear), 15-amps
- SurgeGate Plus Circuitry protects against prolonged overvoltages and undervoltages by automatically disconnecting the power to your equipment, then reconnecting it when the power has returned to a safe level • Protect or Disconnect Circuitry • Front panel circuit breaker • Power indication light
- Single-height rack mountable chassis (1U) • 10-foot power cord • Lifetime warranty



### BUILDING ENTRANCE PROTECTION

### CAT6-75-RJ45

- Use between buildings in a campus environment as a building entrance protector
- 75V clamping
- Can be used in high power POE (POE+) applications





### Super 7 AC Protection

- 7-Outlets
- 7ft. Cord
- 2160 Joules
- \$75,000 Ultimate Lifetime Insurance, Lifetime warranty



### IBLOK2-0 AC Protection

- 2 outlets
- Direct plug-in
- 1410 joules
- Metal housing
- Diagnostic LED lights
- \$10,000 Ultimate Lifetime Insurance



### TLP26USBB Personal Desktop Charging Station

- 2 outlet / 6-ft. cord • 1080 joule rating
- 4.8 amp quad port USB charger
- Built in slot to hold phones & tablets
- 15 amp resettable circuit breaker
- \$50,000 Ultimate Lifetime Insurance, Lifetime Limited warranty



### TLP606 AC Protection

- 6 outlets
- 6-ft. cord
- 790 joules
- \$20,000 Ultimate Lifetime Insurance



### TLP808 AC Protection

- 8-Outlets
- 8ft. Cord
- 1440 Joules
- \$75,000 Ultimate Lifetime Insurance, Lifetime warranty



### ISOBAR6 ULTRA AC Protection

- 6 outlets/6-ft. cord • 3330 joules
- All metal housing with LEDs
- Isolated filter banks • \$50,000 Ultimate Lifetime Insurance



### ISOBAR12 ULTRA AC Protection

- 12 outlets/15-ft. cord • 3840 joules
- Durable metal housing designed for tough environments
- 2 exclusive isolated filter banks
- \$25,000 Ultimate Lifetime Insurance



### TLP808B AC Protection

- 8 outlets
- 1440 joules
- EMI/RFI filter
- 15A resettable circuit breaker
- 8 ft. AC power cord with right-angle plug
- \$75,000 Ultimate Lifetime Insurance, Lifetime Limited warranty



### TLP1008TEL AC Protection

- 10-Outlets
- 8ft. Cord
- 2395 Joules
- \$75,000 Ultimate Lifetime Insurance, Lifetime warranty



### RS-0615-R

#### 1U Rack-Mount Network Server Power Strip – Rear Facing Outlets

- 6 rear facing outlets
- 15 ft. cord • 19" 1U rackmount
- All-metal housing
- Lifetime limited warranty



### DRS-1215 Rackmount Surge 1U AC Protection

- 14 outlets (6 front/8 rear)
- 15-ft. cord • 3000 joules
- Adjustable rackmount hardware, 1U
- Diagnostic LED confirms suppressor operation • Lighted power switch
- Lifetime Limited warranty



### HT10DBS

#### Coaxial, Telephone, Modem and Ethernet Protection

- 10-Outlets • 8ft. Cord
- 3840 Joules
- \$500,000 Ultimate Lifetime Insurance, Lifetime warranty



### SS7415-15 Industrial AC Protection

- 16-Outlets • 15ft. Cord
- 1650 Joules
- Mounts horizontally or vertically
- Lifetime Warranty



### "SNAP-LITE" 66-Block Data and Voice Protection

- Protects against transient voltage surges and sneak current
- Self-resettable

Model	Volt	Protection
SL-130A	130V	CO Protection
SL-95A	95V	Analog Extension Protection
SL-50A	50V	Digital Extension Protection
SL-30A	30V	Digital Protection

- DTK-SIGB Grounding Bar for 66 Blocks



### DTK-MRJ45SCP-XX Modular Surge Protection

- Protects against overvoltage and limits current with self resetting sneak fuse
- Protects all 4 pairs
- RJ45 in/out with external grounding screw
- Automatically resets to protect against multiple surges
- XX = RUV (130V), D (6V), OPX (50V)



### DTK-110C6A

- Now available with 110 – RJ connections
- Protects all four pairs
- Automatically resets to protect against multiple surges
- Service Voltage = 0-12V • MCOV = 18V
- Clamp Voltage = 21.6V



### DTK-PVPIP Gigabit Ethernet Surge Protection

- Low-impedance video/data protection with Gigabit speed
- RJ45 In/Out
- Service Voltage: 48V Data; 12/24V Power
- MCOV: 64V Data; 38V Power
- Clamping Voltage: 72V Data; 47V Power



### DTK-RM24POES 24-Port Rack Mount Surge Protector

- 1U • Shielded RJ45 In/Out
- Surge Current Rating: 20kA/Pair
- Max. Continuous Current: 1.5 Amps
- Power Handling: 144 Watts
- Data Rate: Up To 10GbE



### DTK-MRJPOES Shielded PoE Surge Protection

- Shielded RJ45 In/Out • Point of use
- Surge Current Rating: 20kA/Pair
- Max. Continuous Current: 1.5 Amps
- Power Handling: 144 Watts
- Data Rate: Up To 10GbE



### DTK-8FF

#### 8-Outlet AC Power Protection

- 8 AC outlets protected, up to six transformers
- Diagnostic LED indicates ground presence and suppressor function
- Auto shutdown feature turns off power in case of suppressor overload • 1 in / 2 out RJ11 Telco protection
- Mounting slots allow installation on wall or backboard
- Six foot cord



### DTK-3GTP

#### 3-Outlet AC Power Protection

- Wall mount – duplex outlet becomes 3 surge protected outlets
- Center screw secures surge protector to outlet housing
- Diagnostic LED indicates ground presence and suppressor function
- Ground screw provision makes it easy to tie multiple pieces of equipment (chassis, phone system, access control, etc.) to a common ground point



### DTK-MRJPOE

#### Gigabit Ethernet Surge Protection

- Protects power, video and data PoE circuits
- RJ45 connection with external grounding screw
- Compatible with CAT5e, CAT6 and CAT6A cabling infrastructure • Service Voltage: 48V
- MCOV: 64V • Clamping Voltage: 72V



## AMPLIFIERS and SPEAKERS



### PVL30A 30W P.A. Amplifier

- Mic1 priority mute function with front button
- RMS Power: 30W
- Separate bass and treble control
- Frequency Response: 50Hz – 15kHz
- Speaker Outputs: 4/8/16 Ohms, 70/25V



### PBM30 30W Amplifier

- Two MIC inputs (terminal strip)
- RMS Power: 30W
- 4/8/16 Ohms & 70/25V outputs
- Auto summing stereo AUX input
- Music-on-hold output with separate level control (600 Ω line & 1 Watt 8Ω)
- 600 Ω tel. line input w/ level control
- Manual muting contacts
- Accessory AC outlet



### P30FA 30W P.A. Amplifier with 30 Preset Digital Tuner

- Digital 30 station preset FM/AM tuner
- Telephone paging input and Music-on-hold output
- Mic1 selectable priority paging
- 4/8 Ohms or 70/25V output



### PBM60A 60W Amplifier

- With IR remote and rack-mounting kit
- 5 zoned 70 or 25V speaker outputs
- Non-zoned 4/8/16 Ohms output
- Master volume control with display
- Individual volume control for each input
- Front bass and treble controls
- Phantom power for all Mic inputs
- RCA or XLR line output • RS232 input
- TEL paging input and MOH output



### PBM120A 120W Amplifier/Mixer

- RMS Power: 120W Max.
- ### PBM240A 240W Amplifier/Mixer
- RMS Power: 240W Max.
- 3 XLR Microphone inputs with selectable phantom power
  - Telephone paging input • MOH feature
  - 5 zoned speaker outputs (70 or 25V)
  - Front bass and treble controls
  - Master digital volume control
  - RS232 input for integration with popular control systems



### PMM60A 60W RMS Amplifier/Mixer

- ### PMM120A 120W RMS Amplifier/Mixer
- AC 120V, 50/60Hz • 50-15kHz
  - 6 MIC Inputs/4 XLR connections (1.0mV/600 Ohms)
  - 3 Aux Inputs (200mV/50k Ohms)
  - 1 Telephone (100mV/600 Ohms)
  - 4/8/16 Ohms & 25/70V Line Outputs
  - Music-on-Hold Feature
  - Treble/Bass Control
  - Master Volume Control



### PFA Digital AM/FM Tuner with 30 Presets and 1 Watt Output

- 30 station presets (18 FM presets and 12 AM presets)
- Scan and seek functions
- Stereo line level out
- Adjustable mono output up to 1W power for a standalone MOH system
- Rack mount kit included
- Connection for 12/24V Battery Backup
- Standard 1 RU rack chassis



### SP6MAT - White 6.5" 25/70V Speaker with Backbox

### SP6MATB - Black 6.5" 25/70V Speaker with Backbox

- Frequency response: 34Hz - 20kHz
- 6.5" Woofer • 1" Mylar dome tweeter
- 8Ω, 25/70V • 11.6 ounce magnet
- 40WRMS power handling capacity
- ABS plastic back can



### SPC30RT 11" x 8" Weatherproof PA Speaker with Transformer

- 15 watt RMS/30 watt max power
- Frequency response of 350 to 15 kHz
- 8Ω, 25/70V
- 70 volt line wattage taps for 15, 10, 5, 3, and 1 watts
- Adjustable mounting bracket included



### SPC15T 8.5" Weatherproof PA Speaker

- Weather-resistant, aluminum construction
- Includes mounting bracket
- Rubber bell protector
- Selectable 70/25V transformer dial



### SP30PT - White 5" Pendant Mount Speaker

- 3-hook, enclosed ABS design
- 70/25V selectable transformer
- Press terminals for wiring
- Built-in safety loop
- Includes 11.25" hanging apparatus



### SPG86T 8" 70/25V Modern Grille In-Ceiling Speaker

- Modern style mesh steel grille
- 70/25V transformer with colored leads
- Dog-ear mounting clamps for secure installation



### DMS3TS Black (Sold Individually)

### DMS3TSW White (Sold Individually)

- 4" 3-Way Indoor/Outdoor All-Purpose Speaker • 70/25V Transformer
- Frequency Response: 55Hz – 20kHz
- Woofer: 4" 10 oz. air suspension • Tweeter: 1" dome tweeter • Midrange: 2"
- Rotary Switch - 70/25V line or 8 Ohms adjustable
- Transformer: 15W/330 Ω, 7.5W/660 Ω, 4W/1250 Ω, 2W/2500 Ω, 1W/5000 Ω
- Die-cast enclosure • Includes mounting bracket, wire & hardware



### SP4AWET Black (Sold Individually)

### SP4AWETW White (Sold Individually)

- All-Weather Elite Series 4" Black Speakers with Transformer
- 4" Mica/Polypropylene woofer • 0.75" Silk tweeter
- Rounded, stylish design • Horizontal-swivel mounting bracket
- Weather-resistant design • 70/25V selectable transformer
- Frequency Response: 75Hz – 20kHz
- Transformer Power Taps: 20W, 15W, 10W & 5W • RMS Power: 25 Watts

## SPEAKERS • MICROPHONES • TRANSFORMERS • ACCESSORIES



**SPCE60TB**  
**SPCE60TBW**

**Black (Sold Individually)**  
**White (Sold Individually)**

- Great sound at an affordable price
- IP66 compliant, weather resistant
- Aluminum grille for extended use in outdoor environments
- Selectable 70V transformer
- 5 year warranty against manufacturing defects



**SP6NXCTUL**  
**Sold in Pairs**  
**NEXUS UL**  
**Contractor Series**  
**6.5" 70V Metal Back Can Speakers**

- 6.5" Polypropylene woofer
- 3/4" Silk dome tweeter
- Transformer Power Taps: 30W, 15W, 7.5W, 3.7W, 1.9W, 8 Ohms
- Frequency Response: 60Hz – 20kHz
- UL1480, UL2043



**SPC6P**  
**5" 8 Ohm**  
**Weatherproof**  
**ABS PA Speaker Horn**  
**with Metal Base**

- Frequency Response: 300Hz – 15kHz
- Max Power: 15W
- Sensitivity: 105dB 1W/1M
- Impedance: 8 Ohms
- Size: 5" Diameter x 5-7/8" Length
- Weatherproof ABS plastic construction



**SPCBC6**  
**6.5" Custom Builder In-Ceiling**  
**Speaker, Sold in Pairs**

- Frequency Response: 63Hz – 21kHz
- 6.5" compression molded, mineral filled polymer cone woofers with rubber surround
- 1/2" liquid cooled titanium anodized dome tweeter



**SPCBC8**  
**8" Custom Builder In-Ceiling Speaker,**  
**Sold in Pairs**

- Frequency Response: 45Hz – 21kHz
- 8" compression molded, mineral filled polymer cone woofers with rubber surround
- 1/2" liquid cooled titanium anodized dome tweeter



**SPG66TC**  
**6" 70/25V Modern Grille In-Ceiling**  
**Speaker with Volume Control Knob**

- Frequency Response: 90Hz – 20kHz
- 70/25V transformer
- Modern style mesh steel grille
- Dog-ear mounting clamps for secure installation
- Volume control knob centered on grille



**T7010**  
**10W 70V Line Transformer**

- Our 70 volt 10 watt line transformer has wattage taps. It has 10, 5, 2.5, 1.25, and 0.625 watt taps. It also offers color coded leads.



**MUHF101**  
**UHF 700 Frequency-Selectable Single Channel True Diversity PLL Receiver**

- Up to 700 selectable pre-programmed frequencies
  - Auto-scan function can locate interference-free channels easily
  - True Diversity technology ensures quality reception
  - Constructed from durable plastic with a 1/2 rack design
  - Squelch adjustment • Balanced XLR connector and unbalanced 1/4" jack audio output
- MUHFHH UHF 700 frequency-Selectable Handheld Microphone**



**MGS**  
**Dynamic**  
**Gooseneck**  
**Microphone**  
**with**  
**Push-To-Talk**  
**Switch**

- Uni-directional
- 16 1/4" gooseneck
- Impedance: 500 ohms
- Mounting base



**MCHH100A**  
**Dynamic Handheld Mic**

- Great for speech, vocals and karaoke
- Low sensitivity to breath/pop noise
- Frequency Response: 50Hz – 13kHz
- 3 Pin XLR male connector
- On/off switch
- Includes 15 ft. XLR cable, microphone stand adapter and carrying case.

**50W 70/25 Volt Wall Plate Volume Control**

**WAT50 Stainless                      WAT50W White Plastic**

**10W 70/25 Volt Wall Plate Volume Control**

**WAT10 Stainless                      WAT10W White Plastic**

The WAT series of wall-mount volume controls offer several options to allow local management of the volume of 70 or 25V speakers. These volume controls come in either a 10W or a 50W model, and have the option of a silver plate with a black knob or a white plate with a white knob.



- 9 volume steps plus off position
- Fit in a standard single gang, high cube junction box
- Set screw wire connection
- Accepts up to 12 gauge wire • Mono sound
- Either stainless steel or white plastic plate with plastic knob.
- Dimensions: 2 1/4" (W) x 4 1/2" (H) x 1 5/8" (D)

**SPEAKER MOUNTING ACCESSORIES**



- STH8** (Sold individually) Back Can for G86TG and G86TCG
- TS8** (Sold individually) Ceiling Support for 8" for G86TG and G86TCG Speakers
- BRC8** (Sold in pairs)
  - 9-1/2" Cutout Speaker Support Bracket • In-Ceiling Bracket for 6" & 8" Speakers
  - For use with Speco part #s: SPCBC8, SPG86T, SPG86TC
- BRC8F** (Sold in pairs)
  - 9-7/8" Cutout Speaker Support Bracket • In-Ceiling Bracket for 6" & 8" Speakers
  - For use with: SP8ECS, SP6MAT





### PA-2A Multi-Line Loud Ringer and Paging Amplifier

- Two watts of paging power for up to three 8-Ohm speakers
- Paging from an unused trunk port or paging port
- 4 loud ringing sounds
- Provides loud ringing or night bell, from 1-6 lines for warehouses, etc.
- Output for controlling a 12 volt relay from 1-6 ringing lines
- Page alert tone

Document-On-Demand #485



### PA-15 15-Watt Paging Amplifier

- 15 Watts of power
- Drive up to (15) 8-Ohm speakers
- 600-Ohm output
- Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- Independent volume controls for Paging, Ringing Tones and BGM

Document-On-Demand #486



### PA-30 30-Watt Paging Amplifier

- Drive up to 30 8-Ohm or up to 50 70V or 25V speakers
- 600-Ohm output to cascade multiple units
- Separate inputs and volume controls for paging, auxiliary source, loud ringing and background music
- Night transfer switch input
- Page alert tone
- Power supply included

Document-On-Demand #489



### PA-60 60-Watt Paging Amplifier

- 60 Watts of total paging power
- Two separate amplified zones of paging
- Drive up to (60) 8-Ohm speakers
- Drive up to (100) 70V or 25V speakers
- Separate input gain controls for each channel
- Voltage, current, thermal and short circuit protection
- High power in a small package

Document-On-Demand #493



### 25AE 8-Ohm Horn

- Nominal Power: 12 watts
- Weatherproof
- Adjustable base for easy mounting
- Works with all of Viking's 8Ω paging products
- Add additional speakers and coverage area to existing paging systems such as Viking's PA-2A, PA-15, PA-30, PA-60, HF-3W and M2W

Document-On-Demand #498



### 30AE 8-Ohm Ceiling Speaker

- Nominal Power: 6 watts
- Attractive white grill
- Mounting hardware included
- Large permanent magnet
- Works with all of Viking's 8-Ω paging products
- Add additional speakers and coverage area to existing paging systems such as Viking's PA-2A, PA-15, PA-30, PA-60, HF-3W and M2W

35AE As above with Volume Control

40AE As above with Nominal Power of 15 watts

Document-On-Demand #498



### 300AE 8-Ohm 70-Volt Horn

- Nominal Power: 30 watts
- Weatherproof
- Adjustable base for easy mounting
- Works with all of Viking's 8Ω paging products
- Built-in step-down transformer for use with 25V or 70V paging systems
- Add additional speakers and coverage area to existing paging systems such as Viking's PA-2A, PA-15, PA-30, PA-60, HF-3W and M2W

Document-On-Demand #497



### SA-TBA Tile Bridge

- Fits standard 8 inch ceiling speakers
- Bridges both 2 ft x 2 ft and 2 ft x 4 ft ceiling tiles
- Threaded mounting holes for easy installation
- 24 gauge galvanized steel

Document-On-Demand #534



### SV-5W Wall Plate Volume Control

The SV-5W is a single speaker volume control for a single-gang electrical box

Document-On-Demand #488



### SA-25 Paging Control Unit for Remote Control Self Amplified Speakers

- Includes (1) SA-IR Infrared Remote Control
- Drive up to 25 self amplified speakers
- Separate volume controls for Auxiliary Input, Paging, Ringing Tones and Background Music
- Choose from up to 4 loud ringing sounds
- Expandable with SA-X12 adapter

Document-On-Demand #520



### SA-1S Remote Control Paging Speaker

- 8 inch paging speaker
- Built-in 1.5 watt power amplifier
- Infrared remote control detector
- Digital volume control
- Users set their own volume levels
- Allows users to totally mute the speaker
- Audible feedback to set proper volume

Document-On-Demand #525

### SA-1H Remote Control Paging Horn

- 5 inch paging horn
- All other features as above

Document-On-Demand #526

### SA-IR Remote Control

- Controls SA-1S/SA-1H

Document-On-Demand #527



### SA-X12 Self Amplified Paging Expander/Adapter

- 600 ohm line level paging systems
- 4, 8, or 16 ohm paging systems
- 25 volt and 70 volt paging systems
- Expand a Viking SA-25 paging system
- Powers up to 12 Viking self amplified speakers
- Expand existing paging systems

Document-On-Demand #529



### FBI-1A Digital Anti-Feedback Paging Interface

- High quality (80K/40K) digital storage
- High output - 2V RMS into 600 ohms
- 16 or 32 second record time (DIP switch selectable)
- Record/Playback LED indicator
- Compatible with Paging or Trunk ports and with virtually all paging and telephone systems

Document-On-Demand #465



### HF-3W Handsfree Talkback Amp & Speaker

- Selectable "Push-to-Talk" feature for noisy environments
- 25-50 foot talk-back range
- 28V DC talk battery
- 3 watts of paging power
- Background music input
- May be integrated into existing paging system
- (1) 25AE paging horn included
- Optional second speaker may be added

Document-On-Demand #470



### M2W Paging Amp & Speaker

- Adjustable volume control
- Powers up to three 8 ohm speakers
- Screw terminal connections
- Amplify key phone paging and ringing
- Add speakers to fully loaded paging systems
- Power supply included
- One weather resistant 25AE paging horn included

Document-On-Demand #480



### ZPI-4 4-Zone Paging Controller

- Multiple zone paging for Centrex systems
- Multiple zone paging for phone systems with paging ports, unused analog station ports or unused trunk inputs
- Expand up to 8 zones using 2 units
- Night bell warble with adjustable level from contact closure or ringing line
- Includes power supply

Document-On-Demand #499



### CTG-1 Clock Controlled Tone Generator Over Paging

- Accurate 24 hour digital time clock displays hours and minutes
- User programmable 24 hour, 128 event timer
- Programmable day of week on/off feature Selectable single, double, or triple alert sound
- Three contact closure controlled sounds

Document-On-Demand #460



### CTG-2A Clock Controlled Tone/Message Generator

- Up to 14 Schedules and up to 1,000 Events
- 6 minutes of CD quality WAV file record time
- Programmable Atomic Clock synchronization
- PC programming software included
- Non-volatile memory with 4 hour clock back up
- Programmable Auxiliary relay contacts (DPDT)
- Built-in 1 watt mono audio amplifier
- Clock SYNC terminals to control CL Series Clocks

Document-On-Demand #463



### SR-1 Loud Ringing Device

- Loud ringing from an analog line
- Loud ringing from a dry contact closure
- Choose one of four ringing sounds
- Adjustable volume control
- Provides a door chime tone for either a door bell, door open sensor or "Push for Assistance" button
- Test button for setting volume • Power supply included

Document-On-Demand 477



### SR-IP

### SIP Loud Ringer with Visual Ring Indication

- Programming software included
- 2 Amp relay contacts for Viking LPL-1 or SL-2 strobe light control • Bright red visual ring indicator LED
- SIP compliant • PoE powered • AGC
- Network downloadable firmware • Surface mount
- Remotely programmable • Remotely adjust ringer volume • Four programmable ring cadences

Document-On-Demand 577



### MTG-10 Multi-Tone Generator

- 15 available tones, organized into 4 groups of 5 tones
- Siren • Interrupted 784Hz Tone
- Door Chime (Ding-Dong) • Warble (Electronic Ring)
- Double Gong • Evacuation Whoop
- Telephone Recording Disclosure Tone (500ms beep, every 15 seconds) • Double Buzz
- Double Chime • Quadruple Chime • Contact initiated

Document-On-Demand #482



### DNA-510 Digital Mass Notification Announcer

Provides up to 2 minutes of digitally recorded voice emergency instructions & alert tones over existing paging system.

- Non-volatile memory (no batteries required)
- Up to 2 minutes of total message record time
- Record up to 5 different emergency messages
- Ten different emergency alert tones
- Auto interrupts current page or background music

Document-On-Demand #492

### SLP-1 Single Line Paging Adapter

- Page from single line home/business phones
- Built-in 2-watt paging amplifier
- Places caller on hold while paging
- "Meet me intercom" capability
- Provides doorbell chime & loud ring over page
- Auto background music mute during page

VIKING Document-On-Demand #478

### SLP-4 Single Line Paging Adapter

- As above but provides inputs for 4 lighted doorbell switches with 8 different chime tones

Document-On-Demand #479



### K-600F Night Bell Over Paging Adapter

Eliminates the installation of multiple bells, relays and power supplies, whenever night bells, loud ringing or emergency tones are required.

- Provides tone over existing paging amplifiers
- Auxiliary relay contacts provided
- Connects directly to ringing a analog PABX/KSU stations
- Floating 600 ohm output
- Ring Voltage: 40V AC minimum, 15Hz - 70Hz

Document-On-Demand #476



### FXI-1 Paging Interface

- Integrate your paging system with virtually any POTS, Centrex, Digital or IP phone system
- Suppress background music during paging
- Provides contact closure to activate paging system
- Add pre-announce tone to your paging system
- 30V DC talk battery for interfacing with FXO port
- Floating 600 ohm paging output w/volume control

Document-On-Demand #494



### PI-1A

### Paging Integration

- Integrate your PA system with nearly any phone system
- Cut out background music during paging
- Floating 600-Ohm output
- Selectable 22V DC talk battery for use with unused line input/trunk ports
- Paging port interface • Adjustable ring pitch
- Ringing analog line input for night bell
- Contact closure input for night bell

Document-On-Demand #491

## PAGING CONTROLS

### One-Way Page Controls

#### V-2000A 1 One-Way, 1 Zone, Page Control

- Background Music Input With Volume Control • Music Automatically Mutes During A Page
- VOX Page Port Access (No Relay Required) • Loop Start Trunk Port For Page Access
- Built-In Power • Page Volume Control • UL/CSA

#### V-2001A 1 One-Way, 1 Zone, Enhanced Page Control

- Telephone System CO Port Access • Page Port Access • Page Override
- Background Music Input And Volume Control • Page Outputs With Or Without Music • AC Powered
- Internal Tone Generator With Volume Control • Battery Backup Input • Built-in Power • UL/CSA/CE

#### V-2003A 1 One-Way, 3 Zone, Enhanced Page Control

- Interfaces With Telephone System Via A Loop Start/Ground Start C.O. Line Position
- Built In All Call With Volume Control • Background Music Input With Volume Control
- May Be Accessed From A Dedicated Single Line Telephone Set • Accepts Pulse Or DTMF Dialing
- Integral Battery Backup Input • Standard AC Receptacle Powered • Built-In Power • Built-In Tone Generator • Dual Line Voltage Ready
- Page Port With Contact Closure Access • UL/CSA/CE

**V-2003AHF Talkback, 3 Zone, Enhanced Page Control** Same as V-2003A except with Talkback capability

#### V-2006A One-Way, 6 Zone Page Control with Built-in Power

- Provides 6 Zones Of 1 Way Paging • Interfaces With Telephone System Via A Loop Start/Ground Start C.O. Line Position • Page Override Input
- Programmable Features Per Zone: Background Music, Tones, Talkback • Multiple Units Can Be Interconnected For A Common All Call • 3 Programmable Zone Groups
- May Be Accessed From A Dedicated SLT • Built In All Call With Volume Control • Integral Battery Backup Input • Standard AC Receptacle Powered • Built-In Power
- Built-In Tone Generator (Single/Warble) With Volume Control • Dual Line Voltage Ready

**V-2006AHF Talkback, 6 Zone Page Control with Built-in Power** Same as V-2006A except with Talkback capability



### Dual-Path Page Controls

#### V-2924A 24 Station Expandable Talkback Intercom System

#### V-2925A 24 Station Expansion Unit

- 24 Stations Of Handsfree Talkback • Easy Expansion Up To 96 Stations By Adding V-2925 • Handsfree Talkback & One-Way Communications • All Call • Group Call
- Background Music Input • Tone Input • Emergency Override All Call • SMDR Printer Port • Door Unlock • Caller ID • Class of Service/Zone • UL/CSA/CE

#### V-2926A Option Board for V-2924A

- Time Sync Output • Custom Page Groups • Enhanced Caller ID • Flexible Architectural Numbering Plan • Interface To The PC Programming Tool
- Store User Data To EEROM Real Time Clock For SMDR Printer • Auto Detect For Com, Port Or Modem • Auto Adjust For Daylight Savings Time
- Evacuation Tone To Specified Groups • Time Tones To Specified Groups Read • Software/Firmware Revision Numbers

#### V-2928 Option Board for V-2924A with Time Event Scheduler

- Option Card for V-2924A w/ Time Event Scheduler has all the features of the V-2926A Plus Time Event Scheduling Software

#### V-CIO Clock Relay Card

- The V-CIO Clock Relay Card provides four 10 amp contact relays for driving clocks. It is designed for use with the V-2927 Control Card

#### V-2927 Clock Control Card

- The V-2927 provides clock control for synch wire correction, two-wire digital correction and wireless correction when used with additional equipment

### Station Level FXS

#### V-9940 Expandable Station Page Adapter

- Background Music Input With Mute • Requires -24 VDC, 200 mA • Provides Dry Contact Closure Output • 8 ohm And 600 ohm Outputs • U.L. Listed
- Multiple Units Can Be Installed In Tandem With Common All Call, Or Can Be Connected To Valcom Multi-Zone, One-Way or Talkback Page Control/Interfaces For Zone Paging And All Call

#### V-9970 One-Way, 1 Zone Digital Page Adapter

- Provides Audio Output, Contact Closure Output, Background Music Input/Output • Power Supply Required • UL, CSA

## POWER SUPPLIES

### -24VDC 120Hz

#### VP-324 300 mA, -24 Vdc Linear Power Supply

- Unfiltered • Receptacle Mount • Power Supply plugs directly into a standard electrical grounded receptacle

#### VP-624B 600 mA, -24 Vdc Linear Power Supply

- Unfiltered • Receptacle Mount • Power Supply plugs directly into a standard electrical grounded receptacle

#### VP-1124 1 Amp, -24 Vdc Switching Power Supply

- High-Efficiency (90%) • Wall or Shelf Mount • Available for 100-230 Volt 50-60 Hz • UL, CSA, CE Listed • Brownout Protection

#### VP-2124 2 Amp, -24 Vdc Switching Power Supply

- High-Efficiency (90%) • Wall or Shelf Mount • Available for 100-230 Volt 50-60 Hz • UL, CSA, CE Listed • Brownout Protection

#### VP-4124 4 Amp, -24 Vdc Switching Power Supply

- Can Be Strapped For 2A -48 Vdc • High-Efficiency (90%) • Wall or Shelf Mount • Available for 100-230 Volt 50-60 Hz • UL, CSA, CE Listed • Brownout Protection

#### VP-6124 6 Amp, -24 Vdc Switching Power Supply

- High-Efficiency (90%) • Wall or Shelf Mount • Available for 100-230 Volt 50-60 Hz • UL, CSA, CE Listed • Brownout Protection

#### VP-12124 12 Amp, -24 Vdc Switching Power Supply, Wall Mount

- High-Efficiency (90%) • Available for 100-230 Volt 50-60 Hz • UL, CSA, CE Listed • Brownout Protection





SEE  
VALCOM  
IP PAGING  
ON PAGES  
60 & 61

## SPEAKERS and ACCESSORIES

### Ceiling Speakers

#### ONE-WAY

##### V-1010C 4-Inch One-Way Ceiling Speaker

- Exceptional Voice & Music Reproduction
- Contains Its Own Built-In Amplifier
- White Epoxy Finish
- Screwdriver Adjustable Volume Control in Front

##### V-1020C 8-Inch One-Way Ceiling Speaker

- Exceptional Voice & Music Reproduction • Contains Its Own Built-In Amplifier
- White Epoxy Finish • Screwdriver Adjustable Volume Control in Front

#### TALKBACK

##### V-1060A 8-Inch Talkback Ceiling Speaker

- Exceptional Voice & Music Reproduction • White Epoxy Finish
- Amplifier and Power Supply Required • Optional Bridges and Backboxes Available

#### P-TEC

##### V-9022A-2 One-Way, Amplified

##### 2' x 2' Lay-In Ceiling Speaker with Backbox

- Easy Lay-in Mounting • Replaces 2' x 2' Ceiling Tile
- Speaker Wired With Plenum Rated Cable
- Backbox Meets Or Exceeds A.S.T.M. E84 Flame And Smoke Test - 3 Hour Burn UL 181
- Durable White Acrylic Baked Enamel Finish
- 2 Audio Inputs • Sold in Packages of 2 Only



### TRACK STYLE SPEAKERS

##### V-1013B 1-Way, 1-Watt in Black/Black

##### V-1013WW 1-Way, 1-Watt in White/White

##### V-1014B 1-Way, 5-Watt in Black/Black

- Built In Amplifier
- Weather Resistant Metal Enclosure
- Angled Mounting Bracket Included
- Utilizes Standard Telcom/Datacom Wiring CAT 3/5/6
- Built In Volume Control
- Background Music, Tone And Voice Reproduction

### PENDANT SPEAKERS

##### V-1015B 1-Way, 1-Watt in Black/Black

##### V-1015W 1-Way, 1-Watt in White/White

##### V-1019B Talkback, in Black/Black

##### V-1093-BK Additional 6-Foot Chain

- Built In Amplifier (except Talkback)
- Weather Resistant Metal Enclosure
- 6 Foot Hanging Chain Included
- Utilizes Standard CAT 3/5/6 Wiring
- Built In Volume Control
- Background Music, Tone And Voice Reproduction



### Wall Speakers

##### V-1052C 8-Inch One-Way Wall Speaker

- Gray w/ black cloth grille • Built-in amplifier
- Paintable metal housing • Easy Installation
- Screw terminal connection • Uses Standard CAT 3/5/6 Cable
- Excellent voice and music reproduction

##### V-1071 8-Inch Talkback Wall Speaker

- As above except talkback and requires amp and power supply



### Accessories and Microphones

#### V-9915M-5 Back Box

Backbox Metal Backbox for 4" or 8" Speakers (5-Pack)

#### V-9914M-5 Back Box

Tile Bridge for 8" Speakers (5-Pack)

#### V-400 Microphone

- Push-to-Talk Bar with Locking Switch or Lift-To-Talk Operation
- Requires Valcom V-9939C Microphone Adapter

#### V-450 Gooseneck Microphone (Not Shown)

- Omni-Directional • Low Impedance • Includes Push-to-Talk Switch
- 19 Inch Gooseneck with Mounting Flange
- Requires Valcom V-9939B Microphone Adapter



### Wall Speakers

#### SQUARE

##### V-1016 8-Inch Square Grille One-Way Ceiling Speaker

- Utilizes Standard CAT 3, 5, OR 6 Cable
- Exceptional Voice & Music Reproduction
- Externally Accessible Volume Control
- Wide Sound Dispersion
- Electrically & Acoustically Matched Parts
- Available in Black or White



##### V-1061 8-Inch Square Grille Talkback Ceiling Speaker

- As Above But Talkback • Amplifier and Power Supply Required

##### V-1022C One-Way Woodgrain Wall Speaker

- Utilizes Standard Telcom/Datacom Wiring CAT 3/5/6
- Easy Mounting With Detachable Bracket
- Light Brown Open-Weave Grille
- Built-in 1 Watt Amplifier With Volume Control



### Horn Speakers

##### V-1030C One-Way, 5 Watt Amplified Horn

- Utilizes Standard Telcom/Datacom Wiring CAT 3/5/6
- Weather-Resistant For Indoor/Outdoor Use
- Omni-Lock Mounting System
- Built-in Volume Control • Built-in Amplifier
- Includes I-Beam Clamp • Available in Beige, Gray and White



##### V-1036C One-Way, 15 Watt Amplified Horn

- As above with 15-Watt Amplifier

##### V-1030M One-Way, 5 Watt Amplified Marine Horn, White

- High Impact White, Non-Yellowing Plastic Housing
- Weather Resistant Enclosure
- Omni-Lock Mounting System
- Built-in Volume Control For Individual Adjustment
- Built-in Amplifier Increases Reliability, Flexibility
- Includes I-Beam Clamp
- Utilizes Standard Telcom/Datacom Wiring CAT 3/5/6



##### V-1036M One-Way, 15 Watt Amplified Marine Horn, White

- As above with larger built-in amplifier

### Flex Horn

##### V-1080 One-Way, 3 W Amplified FlexHorn

- Utilizes Standard Telcom/Datacom Wiring CAT 3/5/6
- Water-Proof For Wash Down Areas
- Corrosion Resistant
- Built-in Volume Control And Amplifier
- Recess or Surface Mount • V-9804 Bracket Included
- Available in Beige, Gray and White



##### V-1090 Talkback FlexHorn

- As above except talkback and requires amp and power supply

### Accessories

#### V-2971 Call In Switch, Stainless

#### V-2991-W Call In Switch, White

- Fits a Single-Gang Electrical Box
- No External Power Source Required
- Black "Call" Button for Normal Call

#### V-1092 Volume Control, Stainless

#### V-2992-W Volume Control, White

- Control Volume Of Up To 150 One-Way Speakers
- Stainless Steel Hardware (Includes Mounting Box)

#### V-1094-A Page Expansion, Stainless

#### V-2994-A Page Expansion, White

- Add V-1094's or V-2994's For Virtually Endless Expansion (150 1-Way Speakers Per Unit)
- A Master Volume Control For Entire Systems Or Groups Of Remote Speakers
- Pre-Amplified Low Level Audio To Remote Sites • Isolates Page Port From Speaker Lines
- Specifications: Input Impedance: 600 ohm; Power Requirements: -24 Vdc, 45 mA



## TELEPHONE PAGING AMPLIFIERS

Bogen's TPU-Series of amplifiers defines state-of-the-art technology in the telephone paging industry. Whether paging from a microphone or a telephone, the TPU-Series provides signal-activated, automatic muting of back-ground music during a page, and gradual return of music following a page. The TPU-Series is designed for convenience as well as efficiency.

### Features:

- 15, 35, 60, 100 and 250 watt models specially-designed for telephone paging systems
- 3 inputs on TPU250 and TPU-B models: 1 TEL, 1 MIC (Lo-Z), 1 music (Hi-Z)
- 2 inputs on TPU15A: 1 TEL, 1 AUX (Hi-Z)
- 600-ohm balanced TEL input for direct connection to page ports and adapters
- TEL input has Automatic Level Control (ALC) for constant page announcement level
- Separate MIC input for a low-impedance push-to-talk microphone (TPU-B models only)
- Music input – mutable by external contact closure (TPU-B models only) or activity on TEL input • Muted music gently fades back after page announcements
- Adjustable music mute level allows music to be "ducked" below page announcements (TPU-B only)
- Aphex<sup>®</sup> Aural Exciter circuitry improves voice intelligibility and crispness (TPU-B models only)
- Separate volume controls for tone, paging, background music, and night ringer
- Built-in night ringer can be activated from 90V ring signal (TPU-B models only) or external contact closure
- 25V and 70V constant voltage outputs, balanced and unbalanced; also 8-ohm on TPU15A
- Wall-mount design provides minimum protrusion from backboard (TPU250 can also be rack-mounted)
- Easily accessible, recessed front-panel controls (TPU-B only) for setting volume, muting, music, etc.
- Thermal and electronic overload protection (TPU-B only), resettable circuit breaker (except TPU250), slow blo fuse on TPU250
- RCA jacks provided to allow amplifier bridging to double the number of amplifier inputs and outputs (TPU-B models only); (a TPU250 can only be bridged with one other TPU250)



TPU-35B, TPU-60B, TPU-100B, TPU-250

### Bogen Telephone Paging Amps

<b>TPU15A</b>	15 Watts
<b>TPU35B</b>	35 Watts
<b>TPU60B</b>	60 Watts
<b>TPU100B</b>	100 Watts
<b>TPU250</b>	250 Watts



TPU-15A

## ZONE CONTROLLERS

### ZPM-3 3-Zone Paging Controller

- 3 Zone paging plus All-Call
- 3 Field-programmable paging zone groups(1-3 zones in each)
- One-way and two-way paging (talk back operation requires TBA15 Talk Back amplifier)
- Direct connection to page ports (requires contact closures), loop-start and ground start trunks
- Connection to an analog station line (station port) possible when used with a suitable telephone access module, e.g., Bogen Model TAMB2
- 100W total power handling capacity • Background music input
- Works with self-amplified or central-amplified paging systems
- 24V power supply required; Bogen Model PRSLS1 recommended



### TAMB2PS Access Module

- Interfaces a telephone system with a paging system to allow paging announcements to be made through any telephone
- Updated version of the venerable TAMB, functionally the same
- Loop start, ground start, & station port (90V ring up) compatibility
- Bi-directional for two-way systems
- Rack-mount or wall-mount
- Background music input with volume control
- Power supply included

### PCMSYS3 3-Zone PCM System

The PCMSYS3 is a pre-assembled and tested 3-zone PCM system with a PCMPS2 power supply. Use it right out of the box for 1 to 3 zone applications or expand it with other PCM modules. Provides all the same great features found in the PCM2000 zone paging system shown above.

<b>1 PCMTIM</b>	Telephone Interface module
<b>1 PCMCPU</b>	Central Processor module
<b>1 PCMZPM</b>	3-Zone Paging module
<b>1 PCMPS2</b>	System Power Supply

- Provides 1 to 3 paging zones • Expandable up to 99 zones
- Up to 32 programmable paging zone groups
- Emergency All-Zone Override Paging input
- Two-way Communications
- 250W power handling capacity • Code Calling
- Background music distribution works with systems that are central- or self-amplified
- Drives up to 40 self-amplified speakers per zone module
- Night Ringer, 90V and contact closure
- Real-time Clock & Master Clock Synchronization
- Some features described above require additional equipment



## CLASSIC SERIES PA AMPLIFIERS

The Bogen Classic Series Models C35, C60, and C100 are public address mixer amplifiers that provide output screw terminals for 4-ohm (direct) and 8-ohm (C35 & C60 models only), 16-ohm, 25V and 70V (transformer-coupled) speaker systems. Output jacks let you connect to a tape recorder or an additional booster amplifier, or feed a 600-ohm telephone line when an accessory transformer (Model WMT1A) is used.

### Classic Series

- 4 inputs (C35/60/100 models):  
1 MIC (Lo-Z), 1 AUX (Hi-Z), 1 TEL, plus 1 selectable MIC or AUX
- 3 inputs (all C10/C20 models):  
1 MIC (Lo-Z), 1 TEL, plus 1 selectable MIC or AUX
- 4-ohm, 8-ohm (not on C100), 16-ohm, 25V, & 70V outputs



**C10** – 10 Watts    **C20** – 20 Watts    **C35** – 35 Watts    **C60** – 60 Watts    **C100** – 100 Watts

## GOLD SEAL SERIES AMPLIFIERS

### Gold Seal Series Amplifiers with Class D Amplification

- 4 dedicated MIC inputs
- 1 selectable MIC/TEL input
- 1 selectable MIC/AUX input
- 1 dedicated AUX input
- 8-ohm, 25V, 25VCT, and 70V transformer coupled outputs
- 4-ohm direct coupled output
- Rack mountable – 2RU package
- Dual-function, 10-band graphic EQ
- True loudness contour function
- Switchable phantom power supply
- Remote master volume control
- Pre-amp Out/Power amp In
- Tape output connection and MORE!

Model	Output
<b>GS35D</b>	35 Watts
<b>GS60D</b>	60 Watts
<b>GS100D</b>	100 Watts
<b>GS150D</b>	150 Watts
<b>GS250D</b>	250 Watts
<b>GS500D</b>	500 Watts
<b>GSRVC</b>	Remote Volume Control
<b>GSDRPK</b>	Rack Mount



**GSRVC**  
Remote Volume Control



**GSDRPK**  
Rack Mount Brackets 2 RMS

## CC COMPACT PAGING AMP

### CC4021

- 40 Watts
- For 70V/25V and 4/8-Ohm Systems
- Audio Activated Priority Levels
- Individual Phantom Power for MIC Inputs
- 1 Balanced Mic/Line Input
- 1 Unbalanced AUX Input • REC Output
- Peak and Signal Indicators • Bass and Treble Controls
- External 24V DC Power Supply Input



- **RPK93** optional 2U rack mount adapter available for single and side-by-side configurations

## ACCESSORIES

### RPK35B

Rack Panel Mounting Kit for C10 & C20



### RPK50

Rack Panel Mounting Kit for C35, C60, & C100



### WMK1

In-Wall Mounting Kit for C10 & C20



**WMT1A**  
Line Matching Transformer  
10k-ohm to 600-ohm

## MICROPHONES

### HDO100

Handheld Public Address Microphone

- Omni-directional pickup pattern
- Low sensitivity to handling noise and stage vibrations
- Lockable, silent on/off reed switch
- 500-ohm impedance
- Frequency response range of 70 Hz - 15 kHz
- Sensitivity of -72dB +/- 3dB
- Rubberized black finish • Includes mic clip



### DDU250

Dynamic Desk Microphone

- Cardioid pickup pattern
- Push-to-lock & push-to-talk switches
- 16" long, fully flexible gooseneck stalk shock-mounted to a heavy zinc die-cast base
- 500-ohm impedance
- Frequency response range of 100 Hz - 12 kHz
- Sensitivity of -76dB +/- 3dB



### GCU250

Condenser Gooseneck Microphone

- Cardioid pickup pattern
- Clean, accurate vocal reproduction
- Integral breath/wind filter
- 250-ohm impedance
- Frequency response range of 50 Hz - 18 kHz
- Sensitivity of -65 dB +/- 3dB
- Snap-on windscreen



**TARGET HAS PAGING PRODUCTS TO FIT EVERY APPLICATION**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**



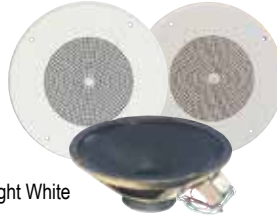
## SPEAKERS AND HORNS

**CSD1X2U** Ultra White  
1 x 2 Drop-In Ceiling Speaker  
**CSD2X2U** Ultra White  
2 x 2 Drop-In Ceiling Speaker  
**CSD2X2VRU** Ultra White  
2 x 2 Drop-In Ceiling Speaker with Volume Control  
**Sold in Pairs Only**

- Tile support rail for included
- 2' x 2' perforated grille over entire front; bright white finish
- 8" cone speaker with 10 oz. magnet and tweeter, and 25/70V transformer
- 5 power taps (4W, 2W, 1W, 1/2W, & 1/4W); selectable by rotary switch
- Enclosed back can
- Seismic attachment points
- Plenum-Rated & Listed to UL Standard 1480 for U.S. use.



**S86T725PG8U**  
Ceiling Speaker  
6 Oz. Magnet Bright White  
**S810T725PG8U**  
Ceiling Speaker  
10 Oz. Magnet Bright White



**S810T725PG8UVK** Ceiling Speaker  
10 Oz. Magnet Bright White/Volume Control Knob  
**S810T725PG8UVR** Ceiling Speaker  
10 Oz. Magnet Bright White/Recessed Volume Control

- 4-watt capacity
- 8" cone speaker for excellent audio quality
- 6 different power taps available (4, 2, 1, 1/2, 1/4, 1/8 W)
- T725 4-watt transformer
- Bright white enamel over steel grille
- Pre-assembled for faster installation
- Works with both 70V and 25V amplifier outputs
- Available with volume control – recessed or with knob (VR and VK models only)
- 6 oz. or 10 oz. magnet weights

**G8G**  
All-Weather In-Ground Loudspeaker

- In-ground, outdoor, all-weather speaker with fully-sealed enclosure with 8" woofer and 1" tweeter
- 8-Ohm or 70V taps included
- Dual-layer voice coil
- Compound rubber surrounds resist UV rays and salt spray and chemicals
- Multiple input power connections
- Corrosion-resistant driver frames
- Available in green only



**HFCS1**  
Hi-Fi Ceiling Speaker (White)

**HFCS1B**  
Hi-Fi Ceiling Speaker (Black)

**HFCSLP**  
(Low Profile Version in B&W)



- Installs into a variety of ceiling environments including suspended & hard surface ceilings
- Large heavy-gauge plated steel back can for deep bass response
- Wide dispersion coaxial driver
- For 16-ohm, 70V, & 100V systems

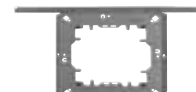
**SEC4T**  
• 4-watt capacity  
• 4" Wide range speaker  
• Bright White  
• Spring-loaded clamps for easy, secure install  
• For 25V and 70V systems



**SM1EZ**  
1-Watt Single Tap  
**SM4T**  
4-Watt Multi Tap  
• Built-in volume control • 9.5" diameter • 3" height  
• Plastic shell • 25V & 70V systems



**AT-10A**  
• 10-watt attenuator  
**AT-35A**  
• 35-watt attenuator



**TB-8** • Tile bridge



**TBCR** • Tile bridge

**SMTB**  
• Tile bridge for SM1EZ/SM4T



**RE-8**  
• "Top Hat"



**MR-8**  
• Steel plaster ring

**Metal Box Surface Speaker**  
• Rugged all-steel, painted enclosure  
• Full-range 8" cone speaker  
• Compatible with 70V/25V amplifier systems  
• 4-watt maximum output power  
• 4, 2, 1, 1/2, 1/4, and 1/8 W tap settings  
• Mounting hardware included  
**MB8TSL** Wall Mount Only  
**MB8TSQ** Wall or Ceiling Mount



**WBS8T725**  
Surface Speaker  
**WBS8T725V**  
with Volume Control  
• 4W capacity  
• 8" cone speaker  
• 6 power taps available (4W, 2W, 1W, 1/2W, 1/4W, 1/8W)  
• Simulated walnut finish  
• Available with volume control ("V" versions)  
• Pre-assembled for faster installation  
• Works with both 70V and 25V amplifier outputs  
• Mounting hardware included



**S4T (4.5" Woofer) & S5T (5.25" Woofer) Speakers**  
• For 70V and 8-Ω systems • Black or White  
• 1" High-Frequency Titanium Drivers  
• Compact swivel mount bracket included

**KFLDS30T**  
Wide Dispersion Paging Horn  
• High intelligibility  
• Weatherproof design  
• Swivel base  
• 70V/25V only  
• 30-watts  
• 170° projection with a rotatable horn flare  
• Re-entrant type horn



**BDT30A**  
Bi-Directional Horn  
• Twin re-entrant horns for bi-directional projection  
• Maximum speaker power capacity of 30W  
• Tap settings for 70V: 30, 15, 7.5, 3.7, 1.8 watts; for 25V: 15, 7.5, 3.7, 1.8 watts  
• Variable tap impedance selector switch  
• Tilt & swivel base for easy aiming  
• All metal construction with enamel finish  
• Weatherproof design



**SPT5A Paging Horn**  
• 7.5-watt paging speaker with transformer  
• Variable impedance  
• Selector – 25V or 70V  
**SPT15A Paging Horn**  
• 15-watts continuous  
• Variable impedance • Waterproof  
• Selector – 25V or 70V  
• High intelligibility reentrant horn  
**SPT30A Paging Horn**  
Same as SPT15A above except 30-watts continuous



**ALL-WEATHER SURFACE MOUNT LOUDSPEAKERS**



**A2B, A2TB (Black)**  
**A2W, A2TW (White)**

- 6" woofer and 1/2" tweeter
- Maximum power handling capacities of 100W at 8-ohm (A2) and 16W at 70V (A2T)
- Coaxial capability
- High-precision, high-performance sound
- Completely weatherproof, fully-sealed cabinet for indoor and outdoor applications



**A6B, A6TB (Black)**  
**A6W, A6TW (White)**

- 6" woofer and 1-1/8" tweeter
- Maximum power handling capacities of 150W at 8-ohm (A6) and 32W at 70V (A6T)
- 2-Way capability
- High-precision, high-performance sound
- Completely weatherproof, fully-sealed cabinet for indoor and outdoor applications



**A8B, A8TB (Black)**  
**A8W, A8TW (White)**

- 8" woofer and 1-1/8" tweeter
- Maximum power handling capacities of 175W at 8-ohm (A8) and 64W at 70V (A8T)
- Coaxial capability
- High-precision, high-performance sound
- Completely weatherproof, fully-sealed cabinet for indoor and outdoor applications



**MPS2 Mini Pendant Speakers**

- Wide-dispersion 4-1/2" woofer and 3/4" tweeter
- Superior sound in a small, compact enclosure
- For 70V and low-impedance systems
- Computer-matched venting systems
- Selectable power taps via rear-mounted control; 32, 16, 8, 4, 2, 1 watts @ 70V, plus 16-ohm setting
- White or Black finish

**CEILING SPEAKERS**

**OPS1B (Black)**  
**OPS1W (White)**  
**Orbit Pendant Speakers**

- Specially designed to provide full range audio in open space environments
- Easy to use cable suspension system includes three suspension cables with attached forged eyebolts
- 140-degree wide-dispersion coaxial driver for broad even coverage
- Stable, high definition metal-alloy woofer cone
- For 16-ohm, 70V, & 100V systems
- Attractive, contemporary, sturdy steel grille



**CK10 Cable Kit**

- Accessory 10-foot long cable kit for use as main drop cable or safety cable
- CK10** - White      **CK10B** - Black



**A12B High-Output, Long-Throw Loudspeaker**

- Two 6-1/2" woofers plus 1" horn loaded HF driver (1.9" diaphragm)
- One unit for both 70V and low-impedance applications
- Maximum power handling capacities of 225W at 16-ohm and 128W at 70V
- Weatherproof, ported cabinet for indoor and outdoor applications

**MIC/LINE MIXERS**



**VMIX**

- Wide selection of plug-in modules (sold separately)
- 8 input module bays; each with independent volume controls
- 2 module bays capable of handling signal-processing plug-in output modules • 4 levels of priority between modules
- Motorized master volume control; remotely operated (with RVCP Remote Volume Control Panel, sold separately)
- LED signal/clip indicator for each channel • Bass and treble controls
- 11-segment LED output level meter
- Balanced transformer-isolated output
- Balanced output signal level switch (-50, -10, and +4 dBμ)
- Join multiple Power Vector mixers together using bridging jack and mute terminals



**CAM8PRO**

- 8 independently assignable inputs
- Dual-bus design with Main/AUX output selector for each input
- Compressor/Limiter (Main output) • Compressor/Limiter Bypass switch
- Adjustable Threshold and Ratio Controls • Balanced inputs/outputs
- LED Bar Graph Output Meter (Peak or Average)
- Pluggable terminal strip connections • Separate Auxiliary input
- Direct bus connection for cascading multiple mixers
- MIC/Line switch for each input and Main output
- Gain/Trim Control for each input • Low Cut Filter for each input
- Switchable Phantom Power for condenser MIC inputs
- Headphone Output • Sealed potentiometers • External power supply
- Single-rack space

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## SELF-AMPLIFIED 24-VOLT SPEAKERS AND HORNS

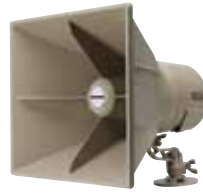
### AH5A Self Amplified Metal Horn Speaker

- 5-watts
- 400 mA
- Weatherproof
- Adjustable volume controls
- Tilt and swivel mounting brackets
- Requires 24V power supply



### SAH15 Self Amplified Plastic Horn Speaker

- 15-watts
- Low DC current draw and heat dissipation
- Unique flare shape
- Rotatable horn
- Cast aluminum swivel mount
- Requires 24V power supply



### ASWB1 Self-Amplified Wall Speaker

- 8" cone speaker for excellent audio quality
- Simulated walnut finish
- Self-contained 1-watt amp
- Interfaces with 600Ω telephone line
- 3/8" particle board construction
- Easy wall mount installation
- Requires 24V, 50mA power supply



### Self Amplified Drop-In Ceiling Speaker w/Volume Control **Sold In Pairs Only**

- 2' x 2' design fits in 2' x 2' & 2' x 4' ceiling grids
- 8" full-range cone speaker
- Self-contained 1W amplifier
- Support rail for 2' x 4' ceilings included
- Requires 24V power supply

ACD2x2 – Off White (Pair)  
ACD2x2U – Bright White (Pair)



### ASM1 Self-Amplified Surface Mount Speaker

- Installs in less than a minute
- Built-in 1W amplifier
- Fast, easy, clean installation
- Direct & reflected sound create wide dispersion angle
- Lightweight and durable plastic shell with a paintable off-white finish

### ASWG1



ASWG1DK

### Self-Amplified Ceiling Speaker

- 8" cone speaker • 90° dispersion pattern
- Front mounted volume control knob (detachable on DK versions) • Self-contained 1-watt amp
- Requires 24V power supply

ASWG1 Off White Finish

ASWG1DK Off White Finish/Detachable Volume Knob

## SELF-AMPLIFIED 24-VOLT PAGING PRODUCTS



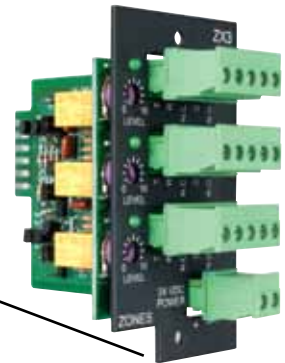
### Telephone Interface/Zone Controller UTI1 Single-Zone Universal Telephone Interface

- Emergency and general all-call paging
- Interface with any telephone port type
- Background music input with variable muting options
- 24V DC 1A power supply included
- Output limiter ensures consistent page volume
- Override, triggered tones, night ring, and AUX relay contact
- 150 speaker T/R drive capacity per output



### Telephone Interface/Zone Controller UTI312 Multi-Zone Universal Telephone Interface

- Expandable from 3 to 12 zones with ZX3 modules • Up to 24 paging zone groups
- Interface with any telephone port type
- Two background music inputs with variable muting options, assigned by zone
- 24V DC 1 A power supply included
- Override, triggered tones, night ring, code calling, and AUX relay contact
- 150 speaker T/R drive capacity per output



### Zone Controller

#### ZX3 3-Zone Expansion Module

- Provides 1-3 paging zone inputs
- Pluggable 24V DC power distribution terminal strip
- Easy wiring using pluggable terminal strips for each zone

## 24-VOLT POWER SUPPLIES



- PRSLSI Combo Power Supply
- PRS2403 Power Supply
- SPS2406 Power Supply
- SPS2410 Power Supply
- SPS2425 Power Supply
- SPS2466 Power Supply

- +9 CURRENT UNITS
- +6 CURRENT UNITS
- +12 CURRENT UNITS
- +20 CURRENT UNITS
- +50 CURRENT UNITS
- +108 CURRENT UNITS

- 450mA@24VDC • Buffered audio output • For up to 25 self-amplified speakers
- 300mA@24VDC • Buffered audio output • Barrel connectors • Receptacle mount
- 24VDC@600mA power rating • Receptacle mount • Wires, barrel type connections
- 24VDC@1.0A power rating • Holster mount • Pluggable terminal strip connections
- 24VDC@2.5A power rating • Holster mount • Pluggable terminal strip connections
- 24VDC@6.6A power rating • Holster mount • Pluggable terminal strip connections



**INTERCOMS**



PI35A – 25 Room Maximum



SI35A – Expansion to 75 Room Maximum

The SI35A and PI35A High-Powered Desktop Control Centers are dual-channel intercom and program distribution systems for applications with numerous locations, requiring maximum intelligibility of voice announcements and other sources.

Features Include:

- Communicate with 25 to 75 rooms or remote locations, using up to three 25-room capacity room selector panels (PI35A – 25-room maximum; SI35A – expand to 75-room maximum)
- Distribute program material from microphones, CD player/tuner or other background music sources, tone signals, and emergency announcements to all or select locations
- 5 inputs: 2 - MIC (1 built-in console mic), 1- AUX (Hi-Z) unbalanced, 1- TEL, 1- 25V booster amplifier
- Built-in 20W intercom amplifier and 35W program amplifier permit instant communication with any location without interrupting the distribution of program to other locations
- Built-in panel speaker to monitor program or listen to a station via intercom channel
- Instant Emergency/All-Call paging with a single push button
- Push-to-talk switch to communicate with selected intercom stations
- Station call-in annunciated with tone and illuminated light
- Time signal tone activated from external contact closure • Telephone paging capabilities
- 25V balanced line output to drive a distributed speaker system
- Remote stations can be wall- or ceiling-mounted loudspeakers or horn-type loudspeaker
- Call-in switch can be used where call initiation is desired
- Privacy beep generation available to prevent eavesdropping
- Easy to understand and operate; instructions for intercom, program, and emergency page permanently printed on front panel
- External booster amplifier can be used when more than 35W is required
- 15V DC Phantom power supply • Color-coded controls for easy operation
- 3-conductor, shielded 18, 20, or 22 AWG wire is recommended • Sturdy desktop cabinet with simulated oak finish

**INTERCOM ACCESSORIES**

**2518, 2520, 2522**

- 18, 20, and 22 gauge connector kits

**TL156**

- Insertion tool for connecting the wires to the connectors



**CA10A**

- Basic Press To Call button
- 2-3/4" W x 4-1/2" H x 2" D



**CA17**

- Use with SCR25A
- Press To Call button
- 2-3/4" W x 4-1/2" H x 1-3/4" D



**DDU250**

- Cardioid pickup pattern
- 16" long, fully flexible gooseneck
- Push-to-lock and push-to-talk switches
- 10-foot cable



**SBA225**

- 25-station selector panel for SI35A
- 25 switches allows program bus selection
- 19" W x 1-3/4" H x 1-1/4" D

**SCR25A**

- Call-In Module
- Use with SBA225
- Allows use of existing momentary call switches
- 16-3/4" W x 1-1/4" H x 4" D



**TWK351**

- 2-Wire Call-In Adapter Kit
- Allows installation of CA10A call switch for room pre-wired with 2-conductor shielded wire for speaker



**WMT1A**

- Line matching transformer
- Allows Emergency All-Call to be made from phone system



**Connects To Existing Phone Systems**

With the WMT1A Line-Matching Transformer, a connection can be made to the page port from the phone system. This allows an All-Call/Emergency notice to be made using the in-house phone system.

**Targeted Communications**

The PI35A and SI35A allow background music to play, without interruption, in selected areas while one or more rooms communicate directly with the main unit.

**IF BOGEN MAKES IT — WE'VE GOT IT**

**TOLL FREE — 800-873-5528 • LOCAL — 301-296-9400 • FAX — 301-296-9494**

# TOOLS and TESTERS



**ICACSPDTEH**  
**JackEasy EZ/HD Termination Tool**  
 • Terminates 4 pairs of UTP cable in one squeeze  
 • Cuts off excess wire & insulation  
 • Works with ICC EZ and HD connectors  
**ICACS8WUEH**  
 JackEasy EZ/HD replacement head



**ICACSPDT00 66 and 110 Punch Tool**  
 • For single wire termination  
 • Includes a 66 blade and a 110 blade



**ICACS066RB 66 Blade**  
 • For ICACSPDT00 at left  
**ICACS110RB 110 Blade**  
 • For ICACSPDT00 at left



**ICACST845 Crimping Tool**  
 • For crimping 8P8C/RJ-45 telephone and data plugs • Used with ICC 8P8C modular telephone plugs



**ICACSPDT4P 110 4-Pair Punch Down Tool**  
 • Punch 4-pairs at a time  
 • Maximum 50kg impact  
 • Sturdy construction



**ICACSPDT05 110 5-Pair Punch Down Tool**  
 • Punch 5-pairs at a time  
 • Maximum 80kg impact  
 • Sturdy construction



**ICACS05PRH 5-Pair Punch Down Tool Head**  
**ICACS04PH5 4-Pair Punch Down Tool Head**  
 • Replacement heads



**ICACST864 Universal 4, 6, 8 Position Crimp Tool**  
 • Includes cable cutter/stripper  
 • Crimps 4, 6 and 8-Position telephone plugs  
 • Crimps up to 2 modular plugs at a time



**ICACSTSUCD UTP Coax Combo Wire Stripper**  
 • For stripping wire diameter about 05–06.2mm, top end for 110/88 type insertion use



**ICACSTPE60 Raceway Cutting Tool**  
 • Designed with ratchet mechanism allowing safe controlled cuts and making race way installations fast, simple, and easy



**ICACSP481 Multi-Modular Connector Removal Tool**  
 • Perfect for removing jacks from 48-port high density 1U blank patch panel (IC107BP481)



**ICACSTRST Wire Cutter and Stripper**  
 • Strips from 12 AWG to 24 AWG stranded wire  
 • Strips from 10 AWG to 22 AWG solid wire



**ICACSTSUS1 Economy Wire Stripper**  
 • For stripping wire diameter about 05–06.2mm, top end for 110/88 type insertion use



**ICACST01U "F" Type Compression Tool With Ratchet Release**  
 • Suitable for most RCA's, BNC's and F-type connectors, including right-angled BNC connectors



**ICACST01E Economy Compression Tool**  
 • Suitable for use with RG59, RG6 and RG6 quad cables.  
 • Used with all ICC F-type, RCA, and BNC connectors



**ICACSHTA01 Handheld Termination Aid**  
 • For all modular connectors and IC110-type patch plugs (except high density)  
 • Keeps plugs from slipping out of your hand or the work area



**CPT Cable Preparation Tool**  
 • Removes outer jacket from 2, 3 and 4-pair wire



**STM-8 Cable Tester**  
 • Tests opens, shorts, miswires • Continuity reversals  
 • Cross twist detection • Remote fits 6 and 8 conductor  
**STM8-RA Replacement Remote**  
**STM8-R3 Additional Remotes Kit (3-pk)**



**PROBE-PIC**  
 • Wire tracking  
 • One flat plastic end and one metal hook end



**YA4-4U1 4-Way Splitter**  
 Converts a single 4-pair outlet to 4 individual 1-pair, 6-pin outlets. T568B



**YA4-U2-U2 Y-Adapter**  
 Splits a 4-pair T568B jack for Token Ring or voice applications at either jack.



**YT4-E2-E2 Y-Adapter**  
 Splits a 4-pair T568A/B jack for 10BASE-T applications at either jack



**YT4-U2-U2 Y-Adapter**  
 Splits a 4-pair T568A jack for Token Ring or voice applications at either jack



**LL-05 LockIT RJ45 Outlet Lock**  
 • Bag of 10  
 • Includes 1 LockIT Universal Key



**MODAPT**  
 • Allows in-line testing for any plug or jack combination



**TESTAR-2**  
 • Fits directly on 66 block for test purposes.  
 • 1-pair, 6-position, TESTAR, USOC  
**TESTAR-4**  
 • 2-pair, 6-position, TESTAR, USOC



**TAP-2 1-Pair USOC**  
 The TAP is a flexible modular connecting adapter designed to access 66M connecting blocks to use modular cords



**LKEY-05 LockIT Universal Key**  
 • Bag of 10  
 • The LL-05 outlet/adapter lock simply snaps into empty ports  
 • The LKEY-05 universal key unlocks the outlet/adapter lock



### Sidekick 1143-5000 VOC

- Identifies defective insidewire & jacks
- Measures resistance, AC/DC volts, quasi square wave, and pair balance
- Identifies shorts, opens, crosses and grounds
- Provides tone for twisted pair or crossed conductor identification
- Field replaceable leads
- Softcase



### 701K-G Test Set Kit

Used to identify single conductors or cables within a bundle, at a cross-connect point or at remote ends.

Includes:

- 77HP-G** Tone Generator
- 200EP-G** Tone Probe Amplifier and Carry Case



### 711K Test Set Kit

For the telecom pro, for use on single conductors, twisted pairs, coax cables and de-energized electrical wire. Includes:

- 77GX** Tone Generator
- 200GX** Tone Probe Amplifier and Carry Case



### 801K Test Set Kit

For more accurate wire identification, the 801K virtually eliminates power related noise from tone and probe operations. Includes:

- 77HP/6A** Tone Generator
- 200FP** Tone Probe Amplifier and Carry Case



### 77HP-G/6A Tone Generator

- Permits techs to identify the conductor within a bundle, or at a cross-connect point or at the remote end
- Pop-up (ABN) clips
- Can be used on twisted pair wiring, single conductors, coaxial cables, de-energized AC wiring and most other wiring



### 77GX Tone Generator

- Two-line polarity indication
- Automatic shutoff
- 3 selectable tones for multiple line ID
- Independent continuity test
- Independent talk battery supply
- Snag-proof boot prevents broken plug tabs
- Fixed alligator clips and removable modular plug



### AT8LK LAN Toner Kit

Sends tone and blinks HUB, Switch Port and PC activity lights for fast identification. For datacom, telecom, CATV, alarm/security and audio wiring. Includes:

- AT8L LAN Toner
- 200GX Inductive Amp
- Case



### 468 Modular Cable Tester

- Tests 258, T568B, 10BASE-T, and T-568A standards
- Battery operated (9V not included)
- Identifies opens, shorts, reversals and transposed pairs
- Sequencing red and green LED indicators



### 430 Poly Fish Line

- 6500-feet
- Resists tangling when dispensing
- Rot & mildew resistant
- Handy reusable plastic dispenser pail



### 439-50 Fish Tape

- 50-foot flexible fish tape
- Multi-strand steel cable
- Viewing Port gives visibility to remaining tape
- Rugged case design



### 200FP Filter Probe

- LED for visual signal strength
- 5-minute auto shut off
- Low battery indicator
- Powerful rear-fire speaker
- Recessed on/off push button
- Adjustable sensitivity/volume
- Blended carbon/plastic tip
- Recessed tabs for buttset or headset



### 540-15 Glo Stix 15-Foot Kit

- Kit includes (3) 5-foot Glo Stix, a bullet nose and a hook nose tip, 3/16" diameter
- Luminescent fiberglass rods glow in the dark to make fishing voice, data and video wires easier in dark spaces, such as above ceilings, in walls, and below sub-floors
- 200 lbs. maximum pulling strength



### 540-12 Fish Stix

- 12' (3.6 m) kit with bullet nose and 'J' hook threaded tips, packaged in clear plastic tube, threaded tips, 1/4" fiberglass
- 540-24 Fish Stix 24' (7.3 m) kit with bullet nose and 'J' hook threaded tips, packaged in clear plastic tube, threaded tips, 1/4" fiberglass
- Highly visible green color rods can be easily threaded together and seen when working above ceilings, down walls, or under raised floors



### PA4932 Ultimate Tool Kit Includes:

- KT8 Round Cable Cutter
- Data SureStrip® UTP/STP & Flat Satin Cutter/Stripper
- LC-CST CATV "F" Coax Stripper • Untwist Tool
- CATV "F" Flaring & Attachment Tool - RG6/RG6 QS
- SealTite® Pro Compression Crimper
- All-in-One Phone/Data tool
- SurePunch® Pro punchdown tool
- SurePunch® Pro detachable LED light
- 110 blade • Double 110 blade • 66 blade
- BIX blade • Krone LSA blade
- LAN ProNavigator® tester & remote
- Telephone Test Set & LAN Cable-Check™
- RJ45 adapter • Can wrench • (10) RJ22 handset plugs
- (10) PA9520 RJ11/12 plugs, stranded flat cable
- (10) PA9546 RJ45 plugs, Cat5e, solid, round cable
- (10) PA9644 CATV "F" RG6/RG6 QS connectors
- (2) PA901074 BNC-to-CATV "F" adapters • Ultimate Tool Bag • Piano® plastic tackle box



### AirScout ASK302 Wi-Fi Testing Kit

- Multiple client devices (up to 30)
- "Hands-off" automated testing
- Simultaneous testing from multiple locations
- Layer 1 through Layer 7 Active testing and analysis • Intelligent channel selection
- Multi-dimensional mapping on things such as Applications (HD Video, 4k Video)
- Identifies Optimal Access Point location • Application Support on iOS & Droid Tablets
- Customer friendly on-screen report to explain the whole-home Wi-Fi readiness
- Automatic "over-the-air" software updates pushed from tablet to devices. Includes: 1 - Soft Carry Case, 1 - AC/DC Universal Power Supply, 1 - 12V Vehicle Charging Lead, 1 - Quick Start Guide, 1 - AirScout Master Controller (ASM300), and 2 - AirScout Client Devices (ASC300)

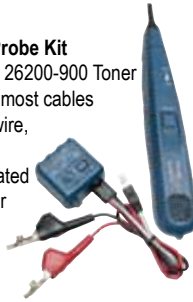




## 26000-900

### Pro 3000 Analog Tone and Probe Kit

- Includes 26100-900 Probe & 26200-900 Toner
- Send tone up to 10 miles on most cables
- Works on de-energized AC wire, telephone/twisted pair wire, all voice and data category rated cable, all coax cable, speaker wire and security wire



## 26100-900

### Pro 3000 Analog Probe

- Probe only

## 26200-900 Pro 3000 Analog Toner

- Select solid or alternating tone options, indicated with solid or flashing LEDs
- Line cord features Angled Bed-of-Nails clips and ruggedized RJ-11 plug for direct access to phone and data jacks without adapters

## MT-8200-60-KIT

### IntelliTone 200 Kit

- IntelliTone 200 Toner and 200 Probe
- Coax F connector adapter
- Two RJ11 and two RJ45 patch cables
- Test leads with alligator clips
- DSP rejects noise/false signals
- Isolates individual wire pairs
- Diagnoses essential cable information
- Identifies/diagnoses POTS with Line service & polarity
- Identifies & diagnoses 10/100/1GB Ethernet link connectivity + more!



## 11290-000

### Telecom Contractor Tool Kit I

- TS®30 Test Set
- D814™ Impact Tool
- Cable Stripper
- ProbePic
- Electrician's D-Snips™
- Standard Modular Adapter
- 66/110 Eversharp Blade
- Soft-Sided Zippered Case



## 11289-000

### Telecom Contractor Tool Kit II

- Pro2000 Tone & Probe • D814™ Impact Tool
- Cable Stripper • ProbePic • Electrician's D-Snips™
- Standard Mod Adapter • 66/110 Eversharp Blade
- Soft-Sided Zippered Case

## 11292-000

### IS50 Pro Tool Kit

- Includes ergonomically designed Dur-a-Grip pouch for convenient tool storage on belt
- D914™ industry standard punchdown tool makes for solid terminations
- Easy to use cable stripper
- Use the Probe Pic to check for loose or damaged connections
- Cut and strip wire cleaner and faster with the Electricians' D-Snips™



### Kit Includes:

- D914S ImpactTool • D-Snips • Cable Stripper
- Dur-A-Grip™ Pouch • EverSharp™ 66/110 Blade

## 10061-501

### D914S Soft Touch Promo Pack

- Soft rubber absorbs more impact recoil for reduced hand stress
- Accepts Phillips-head or flat screwdriver blade
- Combines torque and impact
- Convenient blade storage in handle
- Adjustable impact setting
- Includes Eversharp 66, M110 and screwdriver blades



## 10051-501

### D914 Impact Tool Kit with 66 and M110 Blades plus Free Blade!

- Combines torque and impact
- Built-in spudger
- Accepts Phillips-head or flat screwdriver blade
- Convenient blade storage in handle
- Adjustable impact setting
- Includes Eversharp 66, M110 and screwdriver blades



## 10055-501

### D814 Impact Tool Kit with 66 and M110 Blades plus Free Blade!

- Tested to perform up to 1 million terminations
- Lifetime Warranty • Convenient blade storage in handle
- Adjustable impact setting



## 10054-000 D814 Impact Tool • Handle only

## 44507-004

### Can Wrench

- Built-in 24 gauge wire stripper
- Black oxidized end in 7/16" • Zinc plated end is 3/8"
- Easily fits new network interface boxes



## 44300-000 Electrician's D-Snips

Unique ergonomic handle provides 1-1/2 times the cutting force with half the effort. Minimizes hand fatigue and makes cleaner cuts and strips faster and safer.



## 44500-000 Standard Snips

Same as the D-Snips shown above without the ergonomic handle.



## 44600-000 ProbePic

- 105° Angle • Molded of tough resilient nylon



## 10113000 Banjo Modular Adapter

- 4-Wire • Sturdy angled copper contacts
- Allows testing on working lines and circuit access without disrupting service



## 11212-530

### Modular Crimper

- Controlled tension
- Embedded flat cable cutter and stripper
- Hook and spudger built into handle
- Crimps RJ-45, RJ-11 and RJ-12
- Crimps AWG 28-24
- Premium coating resists rusting



## 11231-257

### Multi-Level Coax Stripper

- Spring loaded for easy use
- For RG59, RG6, R6, Quadshield
- Effortless finger-loop operation
- Also features a built-in Allen wrench for adjusting the blade to prevent damage to the cable

## Regular Blades



## EverSharp Blades



## FLUKE networks.

### TS®19 Test Set with Angled Bed-of-Nails Clips 19800-009

- High impedance DataSafe™ operation in monitor mode
- Tone (DTMF) and pulse operation
- Redial • Polarity indication

The Fluke Networks TS-19 Butt Set combines all the essential test set features at an affordable price. Features such as Tone (DTMF) or Pulse operation, Talk/Monitor capabilities, and polarity test button makethis test set the perfect combination of features and price.



## FLUKE networks.

### TS®25D 25501-009

- Caller ID and Call-waiting Caller ID
- Data lockout and data lockout override
- DSL/POTS filtering technology
- Built-in analog tone generator
- DTMF digit grabbing capability
- Talk battery to supply power to non-powered pairs
- High voltage Lockout/Low voltage Lockout
- Continual data detection in monitor mode
- Over voltage and over current protection
- Amplified speaker for hands-free monitoring
- Selectable flash and pause duration



## FLUKE networks.

### TS®22 Test Set with Angled Bed-of-Nails Clips 22800-009

- Amplified speaker for hands free monitoring
- DropSafe – passes 20 foot drop test
- RainSafe in severe weather conditions
- PBX pause button and Mute switch
- Stores 9 18-digit speed dial numbers
- Last number redial
- Audible ringer for callbacks

### TS22A Test Set 22801-009

- As above with 2-way speakerphone for handsfree use



## FLUKE networks.

### TS®52 PRO Test Set with Angled Bed-of-Nails Clips and RJ11 Plug 52801RJ9

- DataSafe Pro – Superior high-impedance monitoring, lockout and override • Back lit LCD and keypad
- DropSafe – Passes 20 foot drop test
- DSL/POTS Filtering Technology
- Designed for use in rainy conditions
- Data indication • Voltage indication
- Current (mA) indication
- Caller-ID • DTMF Digit Grabbing
- 2-Way hands-free speakerphone



## PLATINUM TOOLS

### T62 Recon™ Test Set

- 60" Bed-of-Nails cord set w/woven cable cladding
- Speaker with fine volume adjustment
- Noise cancelling mic • Soft key menu system
- Metal spring-loaded belt clip • Tone/Pulse dialing
- Cushion boot for extra protection
- Off-hook current and polarity
- On-hook voltage and polarity
- Ring amplitude and frequency • Caller ID error detection
- Amplified Line Monitor for volume levels • Tone and Pulse dialing
- Detects and identifies DSL and T1 lines



## clarity

### WTS-501

- Talk/Ring/Monitor switch located on handset
- Switchable tone/pulse dialing
- Hi-impedance monitor is data safe
- Polarity Indicator
- 10-number memory
- 3-position volume for up to 12db gain
- Protection against overvoltage and transient ringer signals
- Moisture resistant • Headset jack • Rugged design
- Direct connect to most batteries/pwr supplies



## GREENLEE

### TM-500

- Luminescent (glow-in-the-dark) keypad
- Can be used safely on a DSL enabled line
- High Impedance monitor
- Over voltage and over current protection
- Tone and pulse dialing
- Polarity test with LED indicator
- 32 digit last number redial and pause
- 10 number speed dial
- Line powered, no battery needed
- Headset (included) for hands free usage • RJ11 socket



## GREENLEE

### TM-700

- LCD (96 x 48 pixels, 5 lines) display
- Can be used safely on a DSL enabled line
- High Impedance monitor
- 32 digit memories
- 10 x speed dial memories plus ten "last number redial"
- Over voltage and over current protection & warning
- Tone and pulse dialing • RJ11 socket
- Headset included for hands-free operation
- Cordset with large angled nose with bed-of-nails



**DON'T SEE THE ONE YOU WANT? CALL AND WE'LL GET IT FOR YOU!**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## COMPRESSION CRIMP TOOL

### 16220C SealSmart II

- Easily terminate F, BNC and RCA connectors with a single tool – without switching adapters!
- Compact and lightweight design
- Universal head designed to work with all standard compression connectors available on the market – including right-angle and RGB mini
- Quickly and easily adjust crimp height
- Eliminates the need for separate adapters
- Fast and reliable terminations



### SealSmart™ Compression Connectors

- |                            |                                 |
|----------------------------|---------------------------------|
| <b>18001 "F" Connector</b> | RG6 Quad • Nickel • 100 per box |
| <b>18006 "F" Connector</b> | RG6 • Nickel • 100 per box      |
| <b>18011 "F" Connector</b> | RG59 • Nickel • 100 per box     |
| <b>18041 BNC Connector</b> | RG59 • Nickel • 25 per box      |
| <b>18057 RCA Connector</b> | RG6 Quad • Gold • 25 per box    |

## PUNCHDOWN TOOL

### PT Punchdown Tool

#### 13300C Handle Only

- Terminate and cut Cat3/5/5e/6 cables
- Spring loaded for fast, low effort wire seating and termination
- Bayonet style (twist & lock) blade retention socket
- 110, 66, 630, Krone and BIX™ style interchangeable blades
- Built-in hook • Built-in spudger
- Adjustable Hi-Lo force impact settings
- Large blade storage compartment



## PUNCHDOWN TOOL KIT

### 90152

#### Pro Punchdown Tool Kit

Keeps your tools readily accessible and organized so you're always ready to perform those datacom jobs. This belt pouch kit will quickly become part of your daily gear.

Kit Includes:

- PT Punchdown Tool
- Professional Electrician's Scissors
- NEVERDull™ 110 Punchdown Blade
- Fine Tip Sharpie® Pen
- Punchdown Tool Pouch



## EXO CRIMP FRAME & DIE SET

### 100062C

#### EXO Crimp Frame + EZ-RJ45 Die for EZ-RJ45 Connectors

- 2 connectors for conductors ranging .039" – .048"
- Pass through design allows for easy verification of wiring sequence
- One-piece design — bars or liners are not required
- Rated up to 10 Gigabit for superior performance • Made in USA
- Works with solid or stranded conductors • FCC, RoHS 2 & UL compliant

- |                |  |
|----------------|--|
| <b>202044J</b> | ezEX-RJ45™ Connectors. 100pc Jar for .039 - .044"  |
| <b>202048J</b> | ezEX-RJ45™ Connectors. 100 pc Jar for .043 - .048" |



## MULTI-STRIPPER

### 15041C Multi-Stripper

- Coax cassette blades are pre-set for: RG59 CCTV; RG6 and RG6 Quad; RG7/11
- Adjustable stripper for twisted pair: Twisted Pair (Data) PVC & Plenum: Cat3/4; Cat5e shielded; Cat6; Cat6 shielded; Cat6A shielded
- Also works with Telephone & Audio (Voice) Round cables
- Includes braid comb, Velcro, for folding the braid back over the cable jacket • Replacement cassettes available



## PoE DETECTOR

### TPS100C PoE Detector

- Go/No-Go PoE Voltage Detector
- End-span or Mid-span
- Bright LED indicators
- Plug direct or use included patch cord
- Pocket-size
- 802.3af or 802.3at compatible
- Detection range is between 24V-48V



## CONNECTORS



- |                |  |
|----------------|--|
| <b>202044J</b> | ezEX44 CAT6 Connector - 100/Jar            |
| <b>100003B</b> | EZ-RJ45® CAT5/5e Connectors - 100/Box      |
| <b>100003C</b> | EZ-RJ45® CAT5/5e Connectors - 50/Clamshell |
| <b>100010B</b> | EZ-RJ45® CAT6 Connectors - 100/Box         |
| <b>100026B</b> | EZ-RJ12/11 Connectors, - 100/Box           |

## CABLE TESTER

### T130K1 VDV MapMaster™ 3.0

The VDV MapMaster™ 3.0 combines continuity testing, mapping, generating tones and length measurement functions into a single easy-to-use unit for installation, troubleshooting, and maintenance for telco, network, or coax cable.

Kit Includes:

- VDV MapMaster 3.0 Main Unit
- ID Only Network Remotes, #1-20
- RJ45 Port Saver
- No-Fault, RJ12 Cable (2)
- FTP Patch Cable, 5
- Cable-RJ45 to Alligator Clip • BNC Adapter Kit • 9V Battery • Hanging Pouch



## CABLE TESTER

### TCB300 Net Prowler

The Cable Prowler™ combines network testing (physical layer and link), cable verification & troubleshooting and PoE voltage testing in a handheld tester with a full-color display; all with the capability of saving and printing tests results from a personal computer.

- Displays length measurement for each pair in feet or meters using TDR technology
- Detects presence of PoE and class of PoE per IEEE 802.3af/at with load test for voltage drop
- Detects and reports current link speed and link capabilities for active Ethernet drops up to 1 Gbps
- Link light to identify location on a hub/switch/router port
- Tests Ethernet cable configuration and verifies connectivity while conducting tests for opens, shorts, miswires, split pairs, and reverses
- Generates selectable tones on selected pins for use with tone tracers
- Supports up to 8 testing & ID remotes for network & telephone cables
- Supports up to 20 network & coax ID – only mapping remotes
- Full color graphical wire-mapping
- View saved cable tests, define cable name, save/print ALL cable testing and network testing • Multilingual





**BIZ 1500 QD MONO**  
(1513-0157)

- Mono Headset
- Noise Canceling Mic
- PeakStop Hearing Protection
- Jabra FreeSpin Boom
- Over-the-Head Wearing Style
- Light Weight Comfort



**BIZ 2300 QD MONO**  
(2303-820-105)

- Quick Disconnect Capable
- Wideband/HD Voice
- Noise Cancelling Mic
- Flexible Mic Boom Arm
- Kevlar-Reinforced Cord
- PeakStop Hearing Protection
- Over-the-Head Wearing Style



**BIZ 2300 QD Duo**  
(2309-820-105)

- For Traditional Desk Phones
- Dual Stereo Speakers
- Quick Disconnect Capable
- Wideband/HD Voice
- Noise Cancelling Mic
- Kevlar-Reinforced Cord
- Over-the-Head Wearing Style



**BIZ 2300 USB UC Duo**  
(2399-859-1019)

- UC-Compatible
- Wideband/HD Voice
- Noise Cancelling Mic
- Kevlar-Reinforced Cord
- Over-the-Head Wearing Style
- Built-In Control Unit
- SafeTone Hearing Protection



**BIZ 2400 II NC**  
(2403-820-205)

- Mono Headset
- Noise Canceling Mic
- 3-in-1 Wearing Style
- PeakStop Hearing Protection
- HD Voice
- Jabra FreeSpin Boom
- Kevlar Reinforced Cord



**GN1000 Remote Handset Lifter (RHL) (01-0369)**

- Answer and hang-up up to 450 ft away from their desk.
- Hear ring tone in headset
  - Answer and end calls
  - Built-in on-line indicator lights up when phone is in use
  - Special technology for ring sensor to avoid false call



**GN1200 COIL**  
**GN1200 (88011-99)**  
Coiled Cord

- RJ-9 adapter to Jabra Quick Disconnect (QD)
- Connects Jabra corded QD headsets to direct connect (amplified) telephones via RJ-9 plug



**GN1200 STRAIGHT**  
**GN1200 (88001-99)**  
Straight Cord

- RJ-9 adapter to Jabra Quick Disconnect (QD)
- Connects Jabra corded QD headsets to direct connect (amplified) telephones via RJ-9 plug



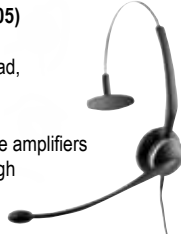
**GN2110 ST Monaural (01-241)**

- Omnidirectional microphone
- Connects to all Jabra telephone amplifiers and direct connect cords through the Quick Disconnect (QD)
- 2-year warranty



**GN2124 NC 4-N-1 (2104-820-105)**

- Noise canceling microphone
- 4 wearing styles – over-the-head, ear hook, around-the-ear and behind-the-neck
- Connects to all Jabra telephone amplifiers and direct connect cords through the Quick Disconnect (QD)
- 2-year warranty



**GN9125 Flex Monaural**  
(9125-28-15)

- Single deskphone connectivity
- Up to 300 ft range
- Noise-canceling microphone
- Up to 12 hrs. of talk time
- LED display with Battery, Mute and Audio link indicators



**Motion Office UC**  
(6670-904-105)

- Connects to Desk, VoIP or Mobile
- Bluetooth
- 300' Range of Operation
- 8 Hours of Talk & 360 Hours of Standby
- Includes Touchscreen Base Station



**PRO™ 920**  
(920-65-508-105)

- Crystal-clear sound
- Up to 325-foot wireless range
- DECT™ 6.0 technology
- Intuitive call handling
- Up to 8 hours of talk time
- Easy set-up



**PRO™ 9450**  
(9450-65-507-105)

- Microsoft / UC Compatible
- 450' Range of Operation
- 10 Hours of Talk & 38 Hours of Standby
- Headset Charges in 2 Hours
- DECT 6.0



**PRO™ 9450 Duo**  
(9450-69-707-105)

- Dual-Ear Design
- Microsoft / UC Compatible
- 450' Range of Operation
- 10 Hours of Talk & 38 Hours of Standby
- Headset Charges in 2 Hours • DECT 6.0



**PRO™ 9460 Mono**  
(9460-65-707-105)

- 2.4" Color Touchscreen
- Microsoft / UC Compatible
- DECT 6.0 • 450' Range
- 10 Hours of Talk & 38 Hours of Standby
- Includes Headband & Earhook Attachments



**PRO™ 9470 (9470-66-904-105)**

- For Desktop, PC & Bluetooth
- For Unified Communications
- Control Calls from Base or Headset • 450' Range
- 9 Hours of Talk & 38 Hours of Standby



**SPEAK 510 USB UC Speaker**  
(7510-209)

- Unified Communications
- USB & Bluetooth Compatible
- Music Playback
- Wideband / Hi-Fi Support
- Digital Signal Processing
- Omni Directional Mic • Jabra PC Suite



**Stealth UC**  
(5578-230-109)

- Optimized for UC
- Weighs 0.28 oz • HD Sound
- Dual Microphones
- Voice Control Button
- Tap-to-Pair with NFC • Streams Music, GPS Directions, and More
- Includes USB Dongle & Car Charger



**UC VOICE 550 DUO (5599-829-209)**

- Plug-and-play USB connectivity
- Windows and Mac compatible
- Wideband audio; frequency range up to 6.8 kHz
- Noise-cancelling microphone
- PeakStop protection against sudden loud sounds



**14201-XX**

- Jabra Electronic Hook Switch (EHS)** provides a solution that enables remote operation, of compatible Jabra wireless headsets with most phone systems. For a complete downloadable guide on which cable is right for your phone go to: [http://jabra.com/~media/Files/Guides/PM\\_BR\\_EHSGUIDE\\_1201\\_V09.pdf](http://jabra.com/~media/Files/Guides/PM_BR_EHSGUIDE_1201_V09.pdf)



**DON'T SEE THE JABRA HEADSET YOU WANTED? CALL AND WE'LL GET IT FOR YOU! 99**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## SAVI 700 SERIES

- Three-way connectivity lets you easily switch and mix audio between PC, mobile and desk phone calls
- Enjoy wireless freedom up to 350 feet from your desk with DECT 6.0
- One-touch call answer/end, vol +/-, mute and flash controls across devices
- Automatically routes mobile audio to whichever device you pick up – headset or mobile phone
- Easily transfer audio between headset and mobile phone to take calls on-the-road
- UC presence automatically updated when on a PC, mobile or desk phone call
- Conference in up to three additional headsets and guests can continue through multiple calls



### Premium Sound Quality

- Advanced wideband audio using CAT-iq technology for high definition voice quality
- Noise-canceling microphone reduces background noise interruptions
- Enhanced Digital Signal Processing (DSP) provides more natural voice sounds

### Savi 740/745 Innovative Design

- Lightest DECT wireless headset on the market • Three comfortable, customizable wearing styles
- Hot swappable battery for unlimited talk time (optional on 740; standard on 745)

**Savi W740 Convertible 83542-01** All of the features shown above plus:

- Choose from three comfort-tested and customizable wearing options
- Optional hot swappable battery lets you change battery mid-conversation for unlimited talk time

**Savi W740-M Convertible 84001-01** For Microsoft® Lync™ & Microsoft OCS 2007

**Savi W745 Convertible 86507-01**

(Shown at right) All of the features shown above plus:

- Includes hot swappable battery and deluxe charging kit

**Savi W745-M Convertible 86507-21** For Microsoft® Lync™ & Microsoft OCS 2007



**Savi W730 83543-11**

Over-the-ear, Monaural

**Savi W730-M 84002-11**

For Microsoft® Lync™ and Microsoft OCS 2007



**Savi W720 83544-01**

Over-the-head, Binaural

**Savi W720-M 84004-01**

For Microsoft® Lync™ and Microsoft OCS 2007



**Savi W710 83545-01**

Over-the-head, Monaural

**Savi W710-M 84003-01**

For Microsoft® Lync™ and Microsoft OCS 2007

**TR-11** Adapter cable that allows any of the Savi 700 Series to be used with a home analog telephone line

## VOYAGER LEGEND CS SERIES

**Voyager Legend CS B335 88863-01**

- Multi-device connectivity lets you manage desk phone and mobile/tablet phone calls from a single headset
- Roam up to 33 feet from desktop charging base or mobile device • Up to 7 hours of talk time/11 days standby
- Use your voice to answer incoming mobile calls and for a host of other commands
- Enhanced voice alerts tell you caller name (mobile calls only), connection status, talk time remaining and more
- Use with optional Electronic Hook Switch Cable or Handset Lifter to remotely answer/end calls
- Precision tuned triple-mic with enhanced DSP for superior noise cancellation
- Advanced WindSmart® technology provides three layers of wind protection
- SoundGuard® technology provides protection against audio spikes
- Integrated A2DP lets you listen to streaming media from your mobile phone or tablet
- Smart sensor technology for a seamless and intuitive user experience
- Automatically answers calls simply by placing on your ear
- Automatically transfers calls between mobile phone and headset



**Voyager Legend CS B335 with Lifter 88863-11**

- As above but includes HL10 remote handset lifter which allows you to answer the phone while you're away from your desk up to the limit of your headset's wireless range
- Includes all of the necessary accessories needed to allow you to connect it to your desk telephone



**BT300 85117-02**

- Optional Bluetooth USB adapter adds PC connectivity to your existing Plantronics Bluetooth headset
- Small enough to keep in the PC for always-ready connectivity.
- Bluetooth standard: Bluetooth 2.0
- ISM maximum frequency: 2.40 GHz
- Wireless transmission speed: 3 Mbps



## CS500 SERIES

- Gain mobility – multitask hands-free up to 350 feet
- Audio controls volume/mute at your fingertips
- Conference in up to three additional headsets for enhanced collaboration
- New headsets can subscribe to a base by simply docking the headset
- Auto answer lets you answer/end calls by removing/replacing the headset from the base
- Use with Electronic Hookswitch Cable or Handset Lifter to remotely answer/end calls (sold separately)



CS540 pictured

### Outstanding Audio Quality

- DECT technology provides better audio; eliminates interference from Wi-Fi networks
- Advanced wideband audio using CAT-iq technology for high definition voice quality
- SoundGuard™ technology protects against audio spikes
- Noise-canceling microphone reduces background noise interruptions, ensuring great audio quality
- Enhanced Digital Signal Processing (DSP) provides more natural sounding voice

#### CS540 84693-01

#### Convertible

All of the features shown above plus:

- Choose from three comfort-tested and customizable wearing options

#### CS540/HL10 84693-11

Includes CS540 headset & HL10 handset lifter



#### CS530 86305-01

#### Over-The-Ear

All of the features shown above plus:

- Comfortable over-the-ear wearing style
- Direct replacement for the CS70N

#### CS530/HL10 86305-11

Includes CS530 headset & HL10 handset lifter



#### CS520 84692-01

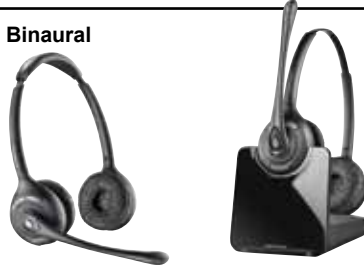
#### Binaural

All of the features shown above plus:

- Up to 9 hours talk time on a single charge

#### CS520/HL10 84692-11

Includes CS520 headset and HL10 handset lifter



#### CS510 84691-01

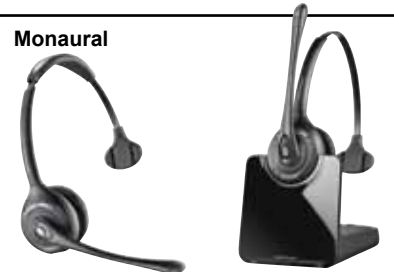
#### Monaural

All of the features shown above plus:

- Up to 9 hours talk time on a single charge

#### CS510/HL10 84691-11

Includes CS510 headset and HL10 handset lifter



**TR-11** Adapter cable that allows any of the CS500 Series to be used with a home analog telephone line

## CS500 XD SERIES – MORE HEADSETS, MORE WIRELESS FREEDOM

### CS500 XD Series

The Plantronics CS500 XD Wireless Headset Series was designed to address wireless density issues, so that more wireless headsets can be used in the same space while maintaining clear conversations. Using 900 MHz technology, the CS500 XD Series provides up to 350 feet of range, and includes a convertible headset with a hot swappable battery (CS545-XD) for unlimited talk time. Designed for extreme density environments, the CS500 XD Series features **900MHz technology** that allows you to deploy more wireless headsets in a specified space. Your choice of narrow or wideband professional grade audio quality -- choose narrowband to extend talk time or wideband mode to enable clearer conversations. An extended boom and noise-canceling microphone filter out background noise, so listeners can hear conversations clearly and enhanced Digital Signal Processing (DSP) provides more natural sound, delivering clear audio the way it's intended to be heard.

#### CS545-XD 88909-01

#### Convertible

All of the features shown above except uses 900 MHz instead of DECT and adds:

- Hot swappable battery for **unlimited talk time**

**900MHz**



#### CS540-XD 88283-01

#### Convertible

All of the features shown above except uses 900 MHz instead of DECT and adds:

- Up to 9 hours talk on a single charge

**900MHz**

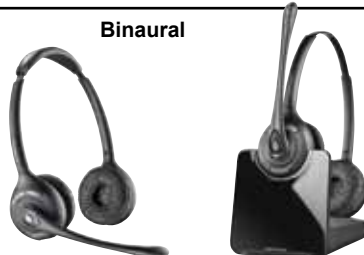


#### CS520-XD 88285-01

#### Binaural

All of the features shown above except uses 900 MHz instead of DECT and adds:

- Up to 9 hours talk time on a single charge

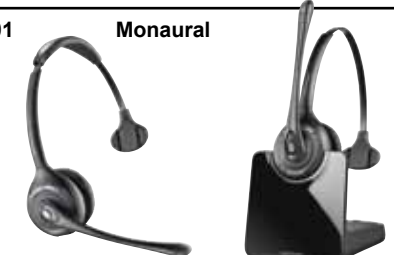


#### CS510-XD 88284-01

#### Monaural

All of the features shown above except uses 900 MHz instead of DECT and adds:

- Up to 9 hours talk time on a single charge



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## "H" SERIES OFFICE AND CALL CENTER HEADSETS WITH QUICK-DISCONNECT



**HW251 SupraPlus Monaural Voice Tube 64336-31**

- Improved receive-side audio
- Comfortable, lightweight design
- Bendable, click-stop boom
- Smaller, lighter, more flexible cable



**HW251N SupraPlus Monaural Noise Canceling 64338-31**

- Improved receive-side audio
- Comfortable, lightweight design
- Bendable, click-stop boom
- Smaller, lighter, more flexible cable



**HW261 SupraPlus Binaural Voice Tube 64337-31**

- Wideband audio for more natural sound
- Premium audio assures quality customer communications
- Over-the-head, all-day comfortable design for intensive use
- Proven robustness at millions of agent workstations
- Quick Disconnect cord lets users walk away from their phones without removing headset



**HW261N SupraPlus Binaural Noise Canceling 64339-31**

- Wideband audio for more natural sound
- Premium audio assures quality customer communications
- Over-the-head, all-day comfortable design for intensive use
- Proven robustness at millions of agent workstations
- Quick Disconnect cord lets users walk away from their phones without removing headset

**H31C/D StarSet® 43674-01**

- StarSet for Controller & Dispatch
- Boosted incoming audio
- 6 sizes rubber ear tips
- Super-lightweight for all-day comfort
- Ergonomic behind-the-ear styling



**HW510 Noise Canceling EncorePro Monaural Call Center Headset P/N: 89433-01**

- Flexible noise-canceling boom
- Wideband audio delivers richer, clearer conversations
- SoundGuard technology protects from noise spikes • Quick Disconnect
- Designed for call-intensive environments
- Laser-welded construction to provide reliability where it matters.



**HW510V Voice Tube EncorePro Monaural Call Center Headset P/N: 89435-01**

- User replaceable voice tube
- Wideband audio delivers richer, clearer conversations
- SoundGuard technology protects from noise spikes • Quick Disconnect
- Designed for call-intensive environments
- Laser-welded construction to provide reliability where it matters.



**HW520 Noise Canceling EncorePro Binaural Call Center Headset P/N: 89434-01**

- Flexible noise-canceling boom
- Wideband audio delivers richer, clearer conversations
- SoundGuard technology protects from noise spikes • Quick Disconnect
- Designed for call-intensive environments
- Laser-welded construction to provide reliability where it matters.



**HW520V Voice Tube EncorePro Monaural Call Center Headset P/N: 89436-01**

- User replaceable voice tube
- Wideband audio delivers richer, clearer conversations
- SoundGuard technology protects from noise spikes • Quick Disconnect
- Designed for call-intensive environments
- Laser-welded construction to provide reliability where it matters.



**HW530 Noise Canceling EncorePro Over-The-Ear Monaural Call Center Headset P/N: 201500-01**

- Flexible noise-canceling boom
- Wideband audio delivers richer, clearer conversations
- SoundGuard technology protects from noise spikes
- Quick Disconnect
- Designed for call-intensive environments
- Laser-welded construction to provide reliability where it matters.



**HW540 Noise Canceling EncorePro Convertible Monaural Call Center Headset P/N: 88828-01**

- Over-the-head, behind-the-head, over-the-ear wearing styles
- Flexible noise-canceling boom
- Wideband audio delivers richer, clearer conversations
- SoundGuard technology protects from noise spikes
- Quick Disconnect
- Designed for call-intensive environments
- Laser-welded construction to provide reliability where it matters.



**HW710 Noise Canceling EncorePro Deluxe Monaural Call Center Headset P/N: 78712-101**

- Flexible noise-canceling boom
- Elegant, satin finish with soft and comfortable leatherette earpad
- Conveniently situated microphone arm
- Wideband audio • Quick Disconnect
- SoundGuard technology protects from noise spikes • Laser-welded construction
- Designed for call-intensive environments



**HW720 Noise Canceling EncorePro Deluxe Binaural Call Center Headset P/N: 78714-101**

- Flexible noise-canceling boom
- Elegant, satin finish with soft and comfortable leatherette earpad
- Conveniently situated microphone arm
- Wideband audio • Quick Disconnect
- SoundGuard technology protects from noise spikes • Laser-welded construction
- Designed for call-intensive environments

## COMPLETE TELEPHONE/HEADSET SOLUTIONS

### CT14 80057-11 DECT 6.0 Cordless Single Line Headset Telephone

- Noise-canceling microphone
- Convertible headset
- Intercom between two units
- 3-way conferencing
- Up to 10 hours talk time or 8 days of standby on a single charge
- Integrated belt clip
- Large LCD display



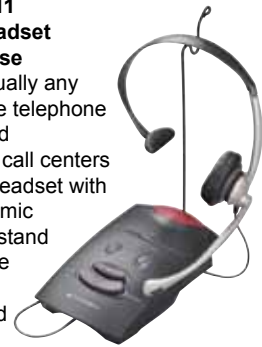
### S12 65145-01 Answer-Only Headset and Amplifier Base

- For use with virtually any single or multiline phone
- Great for inbound call centers or telemarketers
- **Convertible** over-the-ear or over-the-head headset with Noise-canceling mic
- Firefly™ in-use indicator light
- Built-in headset stand



### S11 65148-11 Answer-Only Headset and Amplifier Base

- For use with virtually any single or multiline telephone
- Great for inbound telemarketers or call centers
- Over-the-head headset with Noise-canceling mic
- Built-in headset stand
- Volume and mute controls
- Includes required AC adapter



## CORDED HEADSET 2.5mm

### M214C 69056-11

- Plugs into cordless and cell phones (2.5 mm)
- Boom-style noise-canceling mic
- Lightweight, over-the-head design
- One-touch in-line volume and mute controls



## USB HEADSET

### .Audio 326 USB Corded Binaural Headset 80933-11

- Full-range stereo, Internet calling, and comfort
- Adjustable mic boom with noise canceling mic
- Pillow-soft, swivel-mounted ear cushions
- Lightweight and flexible, comfortable for hours of use



## MISSION CRITICAL APPLICATIONS

Public Safety • Air Traffic Control • Radio Dispatch Facilities • Training/Simulators

### CA12CD-S Cordless PTT Adapter 92900-01

The CA12CD-S is a cordless PTT (push-to-talk) headset adapter designed to provide wireless communications and PTT functionality for applications such as Public Safety Dispatch and Air Traffic Control. It uses digital processing (DECT™ 6.0), and operates in the UPCS band (1.92 – 1.93 GHz) in North America.



#### Console

- Two charging wells (includes extra battery)
- Sending and receiving sensitivity controls
- Status LEDs for Power, Battery Charging and PTT
- Coil cord (10 ft. extended) with PJ-7 connector



#### Base Unit

- PTT button with momentary/locking selector
- On-Off button with LED • Robust metal belt clip
- Receiving volume control • 12 inch cable with Quick Disconnect
- Accepts all Plantronics "H" and "HW" Tops • Range is up to 150ft depending upon environment • Lithium-Ion battery gives up to 8 hours talk time

#### Additional Accessories for the CA12CD-S

- 80322-01 Spare/replacement Lithium-Ion battery pack for CA12CD-S
- 201059-01 Spare/replacement remote for CA12CD-S
- 80323-01 Spare/replacement remote for CA12CD (older version)



### SHS1890 E911 Controller and Dispatch Adapter

- SHS1890-10 60825-310 10' Cord
- SHS1890-15 60825-315 15' Cord
- SHS1890-25 60825-325 25' Cord

- Allows use of any H-series top in 6-wire controller and dispatch operations but works best with H31C/D
- Carbon type microphone amplifier
- Adjustable push-to-talk button: either push it each time, or have it continuously depressed
- Universal plug prong connection



WE CARRY THE COMPLETE LINE OF PLANTRONICS HEADSETS

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## AMPLIFIERS and ADAPTERS

### Vista™ M22 Amplifier 43596-64

Plantronics M22 amplifier brings superior sound-quality and acoustic protection to your telephone. As well as providing compatibility with those telephones that do not allow direct connection of headsets it offers a range of additional features to enhance the sound quality of your phone conversations.

- Volume, headset/handset and mute controls • Adjustable incoming & outgoing volume
- One-button selection of headset or handset
- Clearline™ Audio supports more natural-sounding speech on wideband networks
- Compatible with most office & contact center phones
- Supports enhanced audio from the latest wideband VoIP phones



### 85638-01 Adapter

- Used with the APC-4, APC-40, or APC-42 electronic hookswitches on compatible Cisco IP phone models. This adapter is used to extend the M12/22 cable to the phone.



### Handset Cord Adapter 85638-01

Male to Female RJ9 (handset jack) adapter with 6" cord. Mostly used to extend length of modular connection from headset amp or EHS cable to telephone. Also known as #40286-01

### VistaPlus™ AP15 Audio Processor 79960-01

Plantronics VistaPlus AP15 is specially designed specially for loud and noisy call centers.

- DSP-based audio processor
- AudioIQ keeps incoming calls at a consistent listening level
- Reduces background noise
- Multiband compression improves intelligibility
- Engineered for compatibility with both single- and multi-line phones
- Ergonomically designed volume, headset/handset, and mute controls
- Independent adjustment of incoming and outgoing volume



### MDA220 USB Switch for USB Headsets

- Switch effortlessly between calls when migrating to Unified Communications (UC)
- Use the same corded or wireless USB headset
- Even answer mobile calls with Plantronics Bluetooth® USB headsets
- Plug-and-play design
- Compatible with:
  - PCs and Macs
  - Desk phones and softphones
  - Most Plantronics corded and wireless USB headsets
  - Plantronics Manager Pro software subscription service



### SHS2355-01 USB Push-To-Talk Amplifier

Push-To-Talk amplifiers are available with USB interfaces for use in training simulators, VoIP and VR applications where digitalized speech and push-to-talk are required.

Using standard Windows drivers, the PTT enumerates as button 1 of a game controller. The SHS 2355-01 shown at right requires a standard QD headset, a PC, a host software application to "sniff and decode" the status of button 1 within Windows and Downstream equipment such as simulated radio



### MDA105 QD 205255-11

The MDA105 QD makes the transition to softphones and unified communications seamless, without the need to invest in new headsets

- 10-foot coil cable
- Mute button with visual indicator
- Inline volume control
- Compatible with PC, Macs and all Plantronics Quick Disconnect (QD) headsets



### MDA480 QD 207414-05

- For use with "H" Series headset tops
- Connects to traditional desk phones and PC softphones
- Allows customer service representatives to take calls on desk phones or softphones
- Superior noise and echo cancellation
- Meets Noise at Work and G616/AAL regulatory compliance
- Easy-to-use in-line call controls



### MDA490 QD 207414-06

- For use with digital headset tops
- Connects to traditional desk phones and PC softphones
- Allows customer service representatives to take calls on desk phones or softphones
- Superior noise and echo cancellation
- Meets Noise at Work and G616/AAL regulatory compliance
- Easy-to-use in-line call controls





## ADAPTERS AND CABLES

### 43038-01 QD to 2.5mm

- With 18-inch cable
- 70765-01 QD to 2.5mm
- With 10-foot coiled cable



### 29362-41

### P10 Plug Prong Adapter

For use with operator consoles, PBXs and most ACDs. With volume control

### 60288-41

### P10/2250 Plug Prong Adapter

For use with NT2250 phones. With volume control



### 26716-01 Replacement Cable

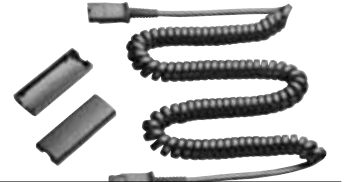
Replacement QD to Modular Coiled Cable For Most Cisco Direct Connect Phones



### 40703-01

### 10-Foot QD-to-QD Extension

Extend your H-series headset cable for greater mobility



### 64279-02 QD to Right Angle 2.5mm

Allows any Plantronics H-series headsets to be used with Cisco Linksys SPA 303, 501G, 502G, 504G, 508G, 509G or 525G, SPA921, SPA922, SPA941, SPA942, SPA962, SPA921, SPA922, SPA941, SPA942 phones with a 2.5mm jack. Also used as the bottom cable for Spectralink phones.

- This is a shielded cable to eliminate "buzz" or "humming" with Cisco SPA phones

**Note:** 64279-02 is same as 48586-03. Also known as the Spectralink 2.5mm cable.



### 84757-01

### 3.5mm Male to 3.5mm Male Cable

For Plantronics Savi/CS500 series 3.5mm EHS cable for Panasonic KX-UT phones: KX-UT670, KX-UT133, KX-UT136 only



### 49323-46 HIC-10 Avaya Direct Connect Cable

- Works with all H-Series headsets
- Allows the user to directly connect a headset into the handset port of the telephone
- Supports the following models: 2420, 4606, 4610, 4610SW, 4612, 4620, 4620SW, 4621SW, 4622SW, 4625SW, 4630SW, 1408, 1416, 2410, 4424D+, 4630, 5410, 5420, 5610, 5620, 5621, 6416D+M, 6424D+M, 9404, 9406, 9408, 9504, 9508
- 10-foot coiled cord • Improved audio quality over old HIC-1



### 72442-41

### HIS

### Avaya Direct Connect Cable

- For Avaya AW450N/AW460 Wideband headsets
- Allows the user to directly connect a headset into the handset port of the telephone
- Supports the following models: 1608, 1616, 9608, 9620, 9620L, 9621, 9621G, 9630, 9640, 9641, 9641G, 9650, 9670, 9620C, 9630G, 9640C, 9650G, 9650C
- 10-foot coiled cord



### 66268-03 A10-16 Quick Disconnect Cable

- For use with any H series headset
- Connects the headset directly to a desk phone's headset port
- For most Nortel, Mitel and Rolm phones
- 10-foot coiled cord



### 28959-01

### Quick Disconnect Cable to Dual 3.5mm

Converts any H-Series headset to any dual 3.5mm analog jack. Use your office headset on your PC.



26716-01 As above for Cisco phones

### 66267-01 A10-12

### High Output Quick Disconnect Cable

- The A10-12 cable has a 6 db louder transmit than the A10-16 above

### 27190-01 U10P Cable

- Connects Plantronics Polaris P-Series Headsets to the telephone jack on most Aastra, NEC, Nortel & Polycom phones
- 10-foot coiled cord



### 202678-01

### Wireless Headset to PC/USB Adapte

Extend the wireless freedom of DECT and 900 MHz headsets to your UC system and manage softphone calls with any CS500 Series or CS500 XD Series headset. The APU-75 provides PC connectivity with one-touch call control across a wide array of softphones



### 38099-01 U10P-S Reverse Polarity

- For connecting to these phones only:

Huawei ET325, ET525,  
Snom 320, 360, 370, 710, 720, 760, 820, 821 and 870  
Yealink SIP T26P/T28P/T29G/T38G/T41P/T42G/T46G/T48G  
Zultys ZIP 90-0933, 90-0935, 90-0936G, 90-0937G



### 27708-01 In-Line Mute Switch

- For all "H" Series Tops
- On-off switch



### 27019-03 Training "Y"

- Allows two headsets to be connected to a single headset adapter, allowing trainers and supervisors to monitor agents

### 38340-01

### U10P-S19 Cable QD to RJ-45

- For connecting to these phones only:  
Aastra 5370, 5370IP, 5380, 5380IP, 6771, 6773, 6773IP, 6775, 6775IP, 7434IP, 7446IP  
Siemens OpenStage 40/60/80
- 10-foot coiled cord



## WIRELESS HEADSETS FOR PC AND MOBILE

### Voyager Legend UC B235 87670-01

- Multi-device connectivity – answer PC and mobile/tablet phone calls from one headset
- Enhanced voice alerts
- PC Wideband audio
- Triple-mic with enhanced DSP
- WindSmart® provides 3 layers of wind protection
- Integrated A2DP for streaming media
- Automatically answers calls simply by placing on your ear



### Voyager Legend 87300-42

- Talk/standby time up to 7 hours/11 days
- Triple-mic active Digital Signal Processing
- Stainless steel windscreens
- Bluetooth v3.0 • Proprietary snap-fit magnetic connection
- Headset battery meter – On-screen for iPhone, enabled by FindMyHeadset™ app for Android™



89031-01 Desktop Charging Stand

### Voyager 3200 UC 207371-01

- Precision tuned triple-mic with enhanced DSP
- Work seamlessly with smartphones, laptops, and tablets • Mobile wideband audio
- Up to 6 hours, up to 10 extra with charging case; up to 7 days standby time
- Roaming range Up to 98 feet
- Call answer/ignore/end/redial, mute, volume +/-, smartphone VPA access, power on/off
- Includes charging case, BT600 USB Bluetooth Adapter, eartips, micro USB cable • NFC capable



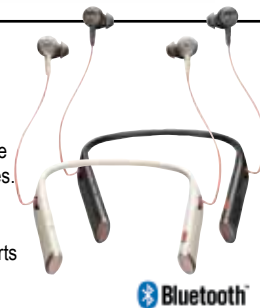
### Voyager 5200 UC 206110-01

- Four adaptive microphones and proprietary DSP
- Six layers of WindSmart technology
- Up to 30 meters /98 feet of range
- Enhanced voice alerts announce caller ID, mute, connection status and talk time level
- Activate Siri, Google Now, or Cortana with the touch of a dedicated button
- Connects to PC +smartphone/tablet + Bluetooth-enabled desk phones
- Includes: Portable charging case with integrated docking stand provides up to 14 hours of additional talk time



### Voyager 6200 UC - Black 208748-01

- Comfortable Bluetooth neckband headset with earbuds with no boom.
- Works seamlessly across desktops, laptops, mobile phones, tablets and Bluetooth-enabled desk phones.
- Up to 16 hours listen, 9 hours talk and 14 days standby time • Up to 98 ft range
- Neckband vibrates to notify of incoming calls & alerts
- Four omnidirectional microphones
- Premium hi-fi stereo



### Voyager 8200 UC - Black 208769-01

- Up to 24 hours listen, 20 hours talk, & 1 month standby
- Bluetooth 4.1 - Up to 98 feet range
- Dual-paired omni-directional microphones
- Dual-mode active noise canceling (ANC)
- Touch to pair with NFC-enabled devices
- Contemporary, boomless design
- 3.5 mm cord extends listening time and is optimal for in-flight use
- Includes USB charge cable, 3.5mm audio cable, BT600 USB Bluetooth adapter, carrying pouch



### M70 200739-01

- Control music and streaming audio using headset buttons instead of smartphone
- Reduces noise, wind, and echo from calls and delivers HD audio
- Up to 11 hours of talk time and 16 days of standby



### Backbeat Sense 202649-01

- Up to: 18 hours streaming & 21 days standby
- Dual microphones
- 32mm dynamic drivers, 20Hz-20kHz
- Multipoint technology
- Wireless range of 330ft/100m



### Calisto 620 86700-01 Bluetooth Speaker

- 7 hours of talk time, and 5 days of stand by time
- 360 degree coverage
- Use with smartphone, PC or Mac.
- Works great with Skype



## DECT 6.0 FOR PC ONLY

### Savi W440 203946-01 Savi W440-M 203947-01 (Microsoft)

- Comfortable over-the-ear wearing style
  - Up to 300 foot range • Noise-canceling mic
  - Hot swappable battery (optional)
  - One-touch call answer/end/flash, vol+/-, mute from the headset • Advanced wideband audio
- 88940-01 Small Eartips (25-Pack)  
88941-01 Medium Eartips (25-Pack)



### Savi W445 203948-01

- Unlimited talk time with hot swappable battery and charger
- Extraordinary sound quality while roaming or multi-tasking up to 300 feet from your PC
- Advanced wideband audio using CAT-iq technology
- Noise-canceling microphone
- Conference up to 3 additional Savi headsets
- Offers choice of three comfort-tested wearing options



## MULTI-POINT BLUETOOTH

### Voyager Focus UC B825 202652-01 Standard Voyager Focus UC B825-M 202652-02 Microsoft

- Works seamlessly across Bluetooth-enabled desk phones, laptops, mobile phones, tablets, and smart watches
- Class 1 Bluetooth for up to 150 feet
- Smart mic boom: wear on either side and maintain locations of R/L stereo and volume/track buttons
- Precision tuned triple-mic with enhanced DSP
- On-demand Active Noise Canceling
- High-quality hi-fi stereo sound • Includes desk stand



## USB ADAPTERS

### BT300 85117-02 SSP 2714-01 92714-01 Bluetooth Adapter for Hearing Aids

### DA70 201851-01 DA80 201852-01

- Converts any 'H' Series headset to a USB computer headset
- DA80 adds:
  - Call answer/end, mute and volume controls
  - Downloadable firmware updates • On-screen call control menus



## PROFESSIONAL CORDED USB HEADSETS

### Blackwire 5210 USB-A 207577-01

Monaural

- Universal USB
- Ideal for all-day use, long conference calls and listening to multimedia
- Noise canceling microphone masks nearby talkers for maximum call privacy
- Connectivity to smartphone and tablet via 3.5 mm
- One-touch call answer/end, volume +/- and mute
- PC wideband audio with noise-canceling microphones
- SoundGuard® DIGITAL protects against sound levels above 118dBA



### Blackwire 5210 USB-C 207587-01

Monaural

- USB C Connector
- Ideal for all-day use, long conference calls and listening to multimedia
- Noise canceling microphone masks nearby talkers for maximum call privacy
- Connectivity to smartphone and tablet via 3.5 mm
- One-touch call answer/end, volume +/- and mute
- PC wideband audio with noise-canceling microphones
- SoundGuard® DIGITAL protects against sound levels above 118dBA



### Blackwire 5220 USB-A 207576-01

Binaural

- Universal USB
- Ideal for all-day use, long conference calls and listening to multimedia
- Noise canceling mic masks nearby talkers for maximum call privacy
- Connectivity to smartphone and tablet via 3.5 mm
- One-touch call answer/end, volume +/- and mute
- PC wideband audio with noise-canceling microphones
- SoundGuard® DIGITAL protects against sound levels above 118dBA



### Blackwire 5220 USB-C 207586-01

Binaural

- USB C Connector
- Ideal for all-day use, long conference calls and listening to multimedia
- Noise canceling mic masks nearby talkers for maximum call privacy
- Connectivity to smartphone and tablet via 3.5 mm
- One-touch call answer/end, volume +/- and mute
- PC wideband audio with noise-canceling microphones
- SoundGuard® DIGITAL protects against sound levels above 118dBA



### Blackwire C435 Standard 85800-01

Standard

### Blackwire C435-M Microsoft 85801-01

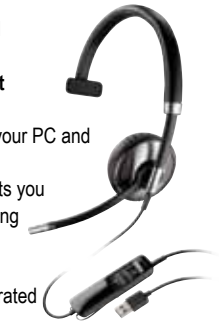
- Mono or stereo audio options and wearing styles
- Low profile design
- Durable, portable design easily tucks into travel case, ideal for professionals on-the-go
- Noise-canceling microphone • Wideband audio
- Dynamic EQ optimizes voice quality when on calls and automatically adjusts the EQ settings when listening to music
- SoundGuard hearing protection
- Includes protective travel case



### Blackwire C710 Standard 87505-00

### Blackwire C710-M Microsoft 87505-01

- Manages calls to and from your PC and mobile devices
- Smart Sensor technology lets you answer a call by simply putting on the headset
- PC wideband audio
- Detachable cable with integrated clothing clip
- Automatically routes the audio from the mobile phone to the headset whenever it's put on
- Dynamic EQ automatically adjusts audio settings between voice calls and music
- Integrated A2DP lets you listen to streaming media from your mobile phone or tablet
- Call control across multiple softphones
- Ultra-soft leatherette ear cushions
- SoundGuard and SoundGuard DIGITAL technology provide protection against audio spikes
- Lights on the ear pad let colleagues know when you're on a call
- Battery status meter appears as an icon in the PC System Tray
- Access to firmware updates as they become available

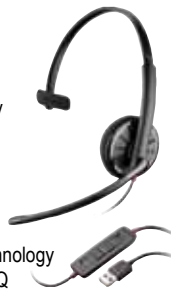


### Blackwire C310 Monaural 85618-02

Monaural

### Blackwire C310-M Monaural 85618-01 (Microsoft)

- USB Plug-and-Play Connectivity
- Adjustable, Metal Headband
- Durable, Lightweight Design
- Inline Answer/End, Mute & Volume Control
- Noise-Canceling Microphone
- Advanced Wideband Audio Technology
- Enhanced DSP and Dynamic EQ



### Blackwire C510 Monaural 88860-01

### Blackwire C510-M (Microsoft) 88860-02

- Smart Sensor Technology
- In-Line Volume Control
- Dynamic EQ Feature
- One-Touch Call
- PC Wideband Audio
- Color LED Status Lights
- Digital Signal Processing (DSP)
- PC and Mac via USB



### Blackwire C520 Binaural 88861-01

### Blackwire C520-M (Microsoft) 88861-02

- Smart Sensor Technology
- In-Line Volume Control
- Dynamic EQ Feature
- One-Touch Call
- PC Wideband Audio
- Color LED Status Lights
- Digital Signal Processing (DSP)
- PC and Mac via USB



### Blackwire C725 Binaural 202580-01

- Smart Sensor Technology
- Active Noise Canceling Technology
- PC Wideband and DSP Technology
- Noise-Canceling Microphone
- Connects Via USB • In-Line Volume, Mute, Talk, End Controls
- In-Call Indicator Light
- Carrying Case Included
- Compatible with UC Standard
- Windows and Mac Compatible



### D100 DECT 6.0 USB Adapter

- Works with Savi 400 Series headsets
- Advanced wideband audio
- DECT technology provides extraordinary sound quality while roaming or multi-tasking up to 300 feet from your PC; eliminates interference from Wi-Fi networks
- 180-degree articulation for optimal positioning while connected to the PC



### Blackwire C720 ST Binaural Bluetooth Streaming and USB 87506-12

- Smart Sensor™ technology lets you answer a call by simply putting on the headset
- Detachable cable with integrated clothing clip to take your mobile calls throughout the office
- PC wideband audio with noise-canceling microphones for high-quality PC telephony
- Smart Call Transfer automatically routes the audio from the mobile phone to the headset whenever it's put on
- Intuitive inline controls to answer/end calls, control volume, and mute
- Integrated A2DP lets you listen to streaming media from your mobile phone or tablet • Hi-fi stereo output from 20 Hz–20 kHz





# HEADSETS

plantronics®

## Electronic Hook Switch

**AVAYA**  
**NORTEL**

DESK PHONE MODELS  
1120E  
1140E  
1150E  
1165E



+

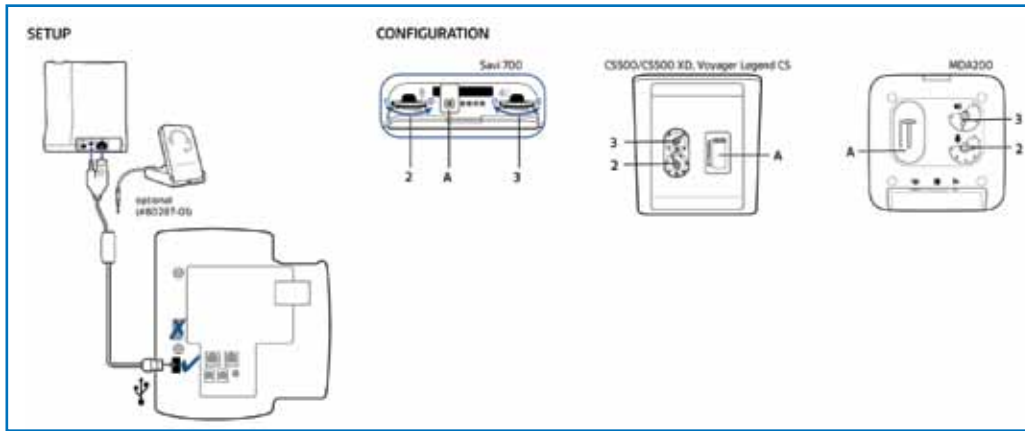
### EHS Cable

APU-72  
PN: 202578-01



+

### Plantronics Audio Solution



## Electronic Hook Switch

**CISCO**

APC-42 Cable  
6945 7962G  
7821 7965G  
7841 7975G  
7861 8841  
7942G 8851  
7945G 8861



+

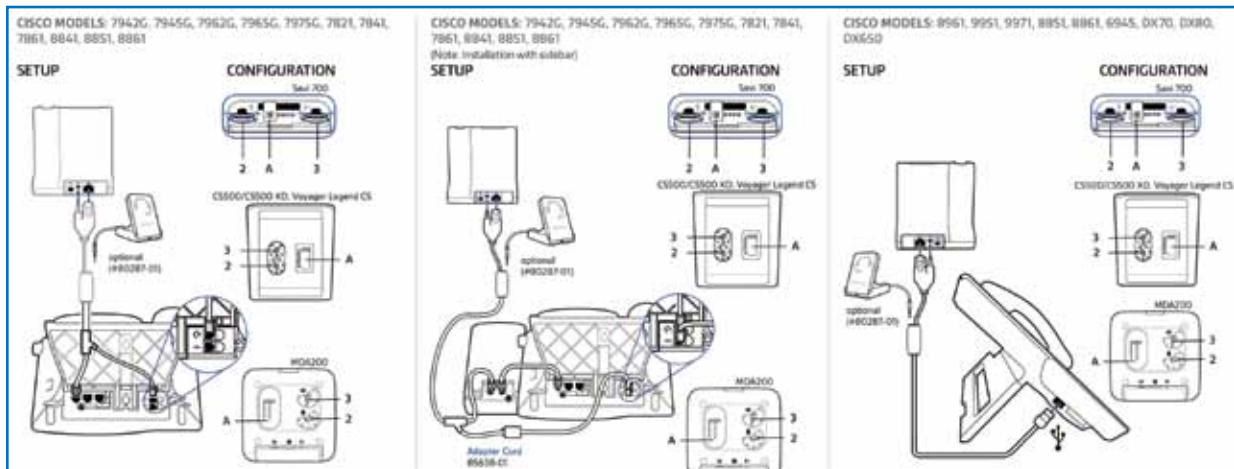
### EHS Cable

APC-43  
PN: 38350-13



+

### Plantronics Audio Solution



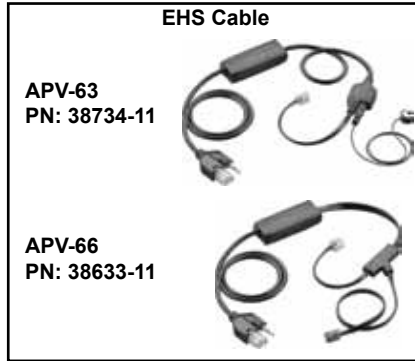
## Electronic Hook Switch



**APV-63 Cable**  
 1408 9608 9670  
 1416 9611 9620L  
 1608 9620 2410  
 1616 9621 4630  
 9404 9630 6416D+M  
 9406 9640 6424D+M  
 9504 9641G  
 9508 9650

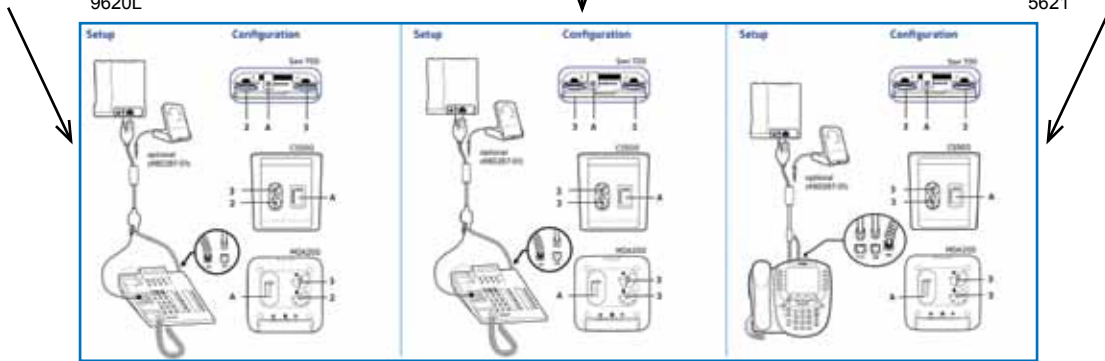
**APV-66 Cable**  
 2420 4621SW 5420  
 4610 4622SW 5610  
 4610SW 4625SW 5620  
 4620 4630SW 5621  
 4620SW

**AVAYA Models**  
 1408, 1416, 1608, 1616, 9404, 9406, 9504, 9508, 9608, 9611, 9621, 9630, 9640, 9641G, 9650, 9670, 9620L



**AVAYA Models**  
 2410, 4630, 6416D+M, 6424D+M

**AVAYA Models**  
 2420, 4610, 4610SW, 4620, 4620SW, 4621SW, 4622SW, 4625SW, 4630SW, 5420, 5610, 5620, 5621



## Electronic Hook Switch

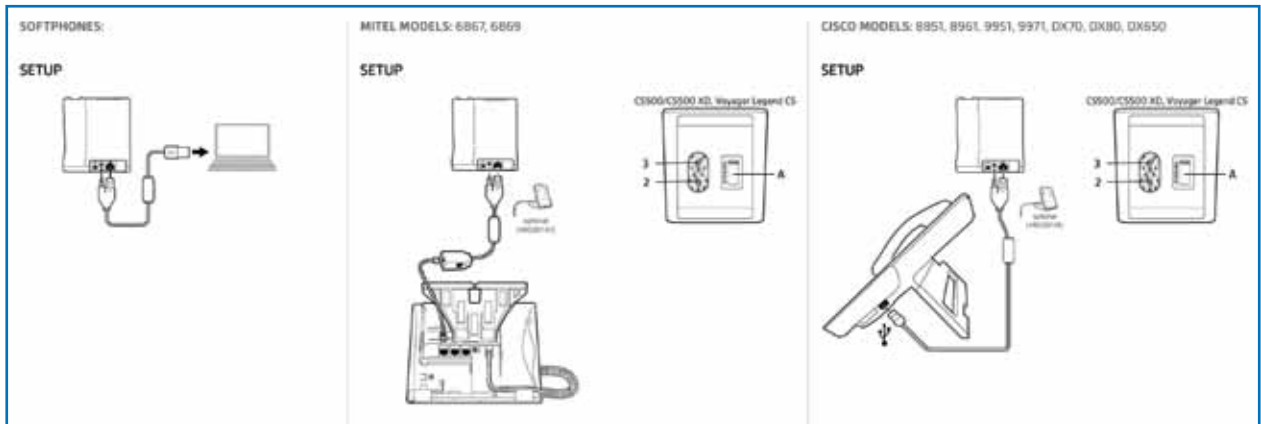
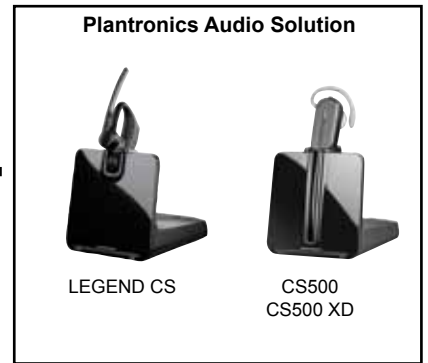
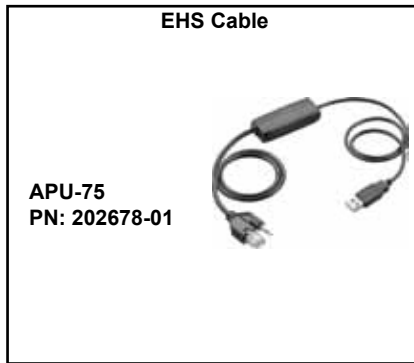
### SOFT PHONES

Microsoft Lync  
 Microsoft Skype for Business  
 All other Plantronics Hub™ supported softphones

### DESK PHONES

**MITEL Desk Phone Models**  
 6867  
 6869

**CISCO Desk Phone Models**  
 8851 DX70  
 8961 DX80  
 9951 DX650  
 9971



## Electronic Hook Switch



**Desk Phone Model**  
**APC-45 Cable**  
 SPA512  
 SPA514  
 SPA525G2

**Desk Phone Model**  
**APC-82 Cable**  
 8941  
 8945  
 8945G  
 8946  
 8965  
 8965G  
 Softphones



### EHS Cable



**APC-45**  
**PN: 87317-01**

**APC-82**  
**PN: 201081-01**



### Plantronics Audio Solution



SAVI 700

CS500

MDA200

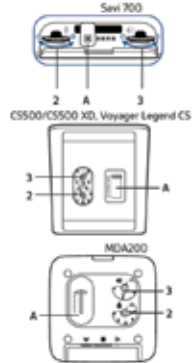
LEGEND CS

CISCO MODELS: SPA512, SPA514, SPA525G2

#### SETUP

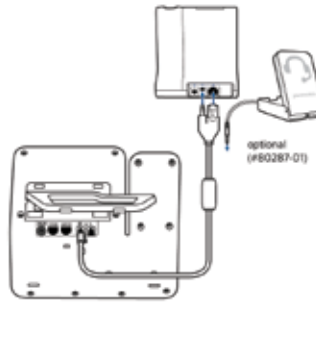


#### CONFIGURATION

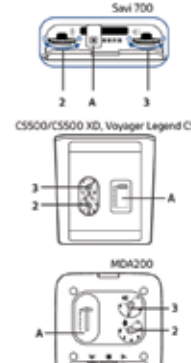


CISCO MODELS: 8941, 8945, 8945G, 8946, 8965, 8965G

#### SETUP



#### CONFIGURATION



## Electronic Hook Switch



**Desk Phone Model**  
 5380 5370ip  
 5370 5380ip  
 6771 6773ip  
 6773 6775ip  
 6775 7434ip  
 6735i 7444ip  
 6737i 6757i CT

**APU-75**  
 6867i  
 6757i 6869i  
 6865i  
 6867i  
 6869i  
 Softphones



### EHS Cable



**APS-11**  
**PN: 37818-11**

**APU-75**  
**PN: 202678-01**



### Plantronics Audio Solution



SAVI 700

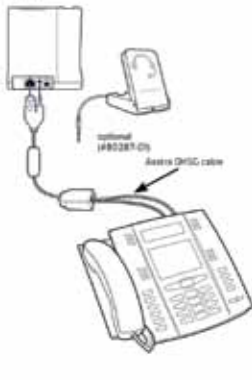
CS500

MDA200

LEGEND CS

MITEL MODELS: 6737i, 6735i, 6757i, 6755i, 6753i

#### SETUP



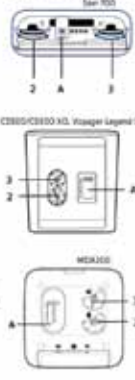
**⚠**  
 Only the Astera D/HSG cable should be connected directly to your phone. No 3rd party D/HSG cables should be connected directly to the Astera IP phone.

MITEL MODELS: 6739i, 5380IP, 5370IP, 6775IP, 6773IP, 7444IP, 7434IP, 5380, 5370, 6775, 6773, 6771, 6757i CT

#### SETUP

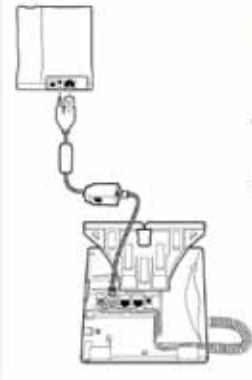


#### CONFIGURATION

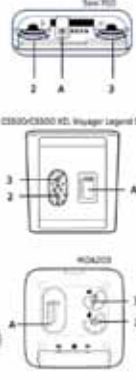


MITEL MODELS: 6865i, 6867i, 6869i

#### SETUP



#### CONFIGURATION





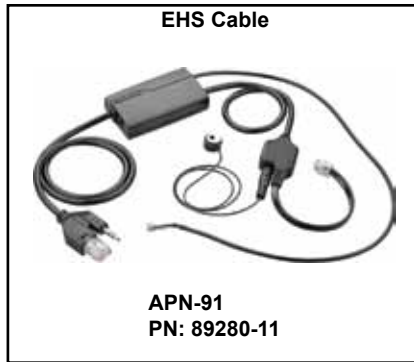
## Electronic Hook Switch

### NEC

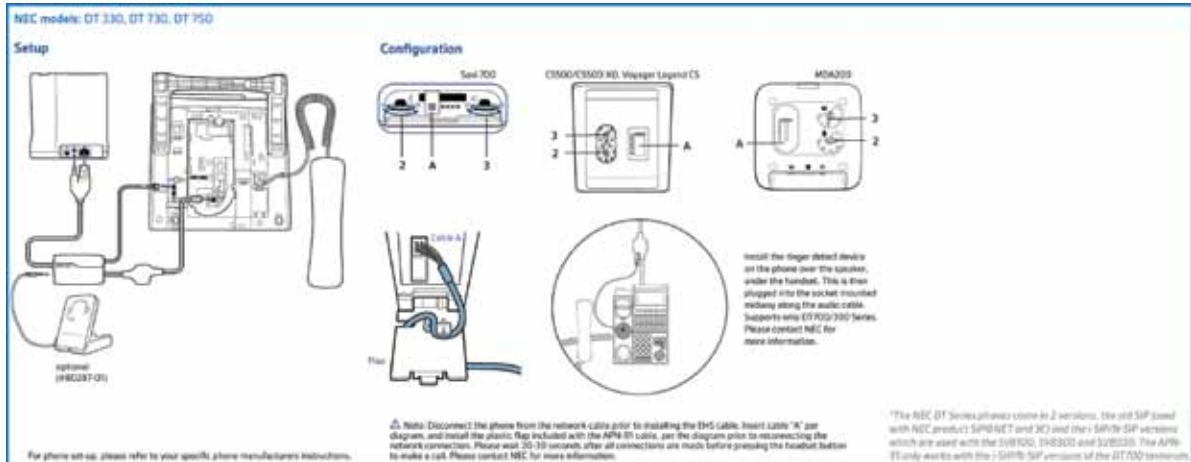


**Desk Phone Model**  
DT 330/430  
DT 730  
DT 750  
DT830/830G

+



+



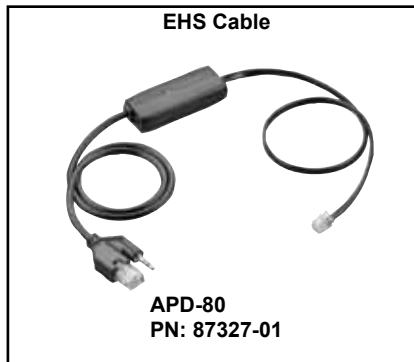
## Electronic Hook Switch

### NEC



**Desk Phone Model**  
DT820  
BE117453 (SL2100  
"IP" only phone)

+



+

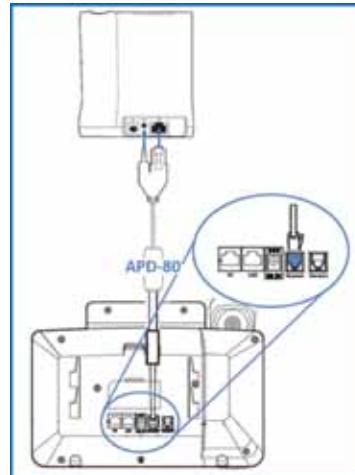


**Desk Phone Model**  
GXP16xx, GXP17xx,  
GXP21xx, GXV3240,  
GXV3275

Also Needs  
85638-01 RJ9 M-to-F 6" Cord



**Desk Phone Model**  
Verge 9308  
Verge 9312



**TARGET IS YOUR BEST SOURCE FOR PLANTRONICS**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## Electronic Hook Switch



**Desk Phone Model**  
 SoundPoint® IP 320  
 SoundPoint IP 321  
 SoundPoint IP 330  
 SoundPoint IP 331  
 SoundPoint IP 335  
 SoundPoint IP 430  
 SoundPoint IP 450  
 SoundPoint IP 550  
 SoundPoint IP 560  
 SoundPoint IP 650  
 SoundPoint IP 670  
 VVX300 VVX600  
 VVX400 VVX1500  
 VVX500



**APP-51  
 PN: 38439-11**

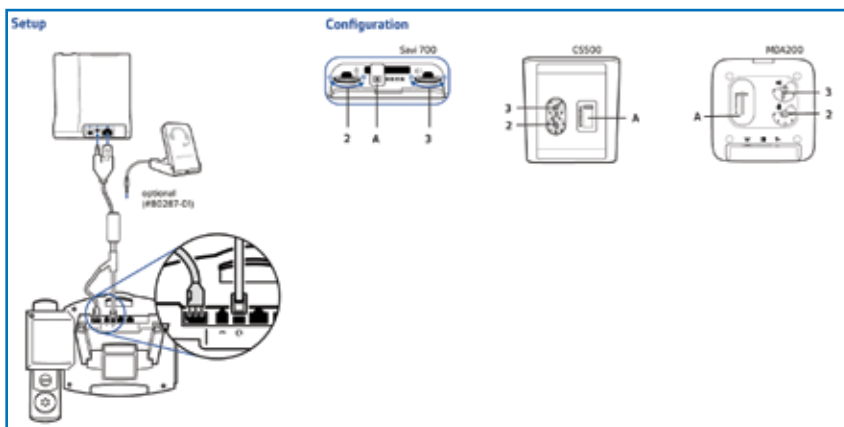
**EHS Cable**



**Plantronics Audio Solution**



**Polycom SoundPoint Models** IP 320, 321, 330, 331, 335, 430, 450, 550, 560, 650, 670, VVX300, VVX400, VVX500, VVX600, VVX1500



## Electronic Hook Switch



**Desk Phone Model**  
 IP212K  
 IP230  
 IP265  
 IP560  
 IP560G  
 IP565G  
 IP655



**EHS Cable**



**RD-1  
 PN: 78887-01**



**Plantronics Audio Solution**



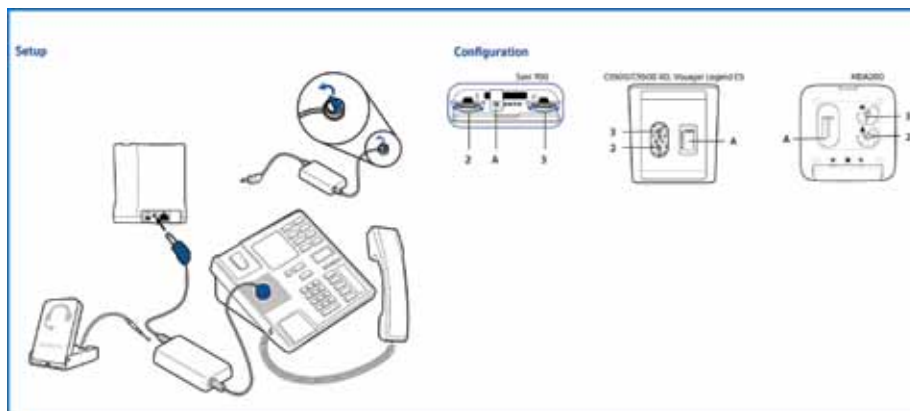
**TOSHIBA**



**Desk Phone Model**  
 DP5118-DP  
 DP5130-SDL  
 DP5X22-SD  
 DP5X32-SD  
 IPT2008-SDL  
 2010-SD  
 2020-SD



**Desk Phone Model  
 With Firmware 7.1  
 or Higher**  
 9112  
 9204  
 9212  
 9222  
 9224



## Electronic Hook Switch

### Panasonic

Desk Phone Model

KX-DT521  
KX-DT543  
KX-DT546  
KX-DT590

KX-NT-543

KX-UT133  
KX-UT136  
KX-UT248



+

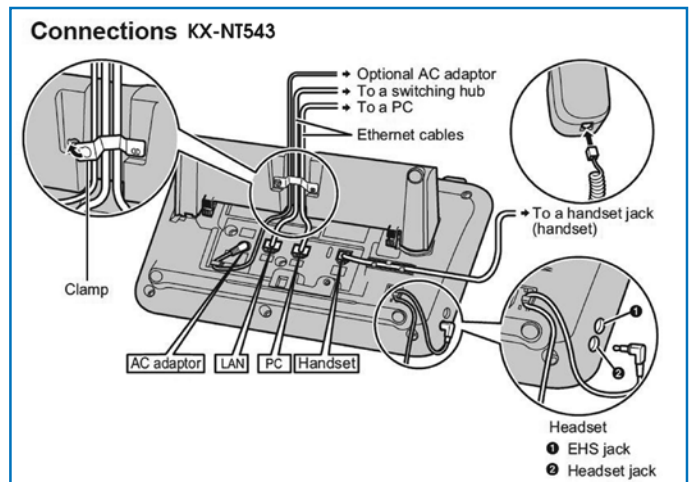
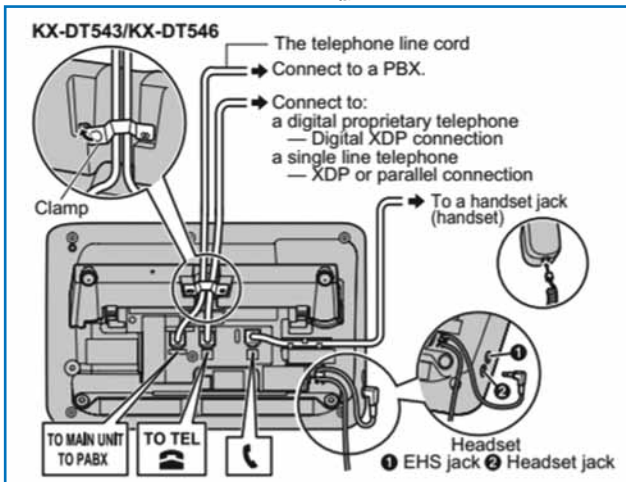
EHS Cable



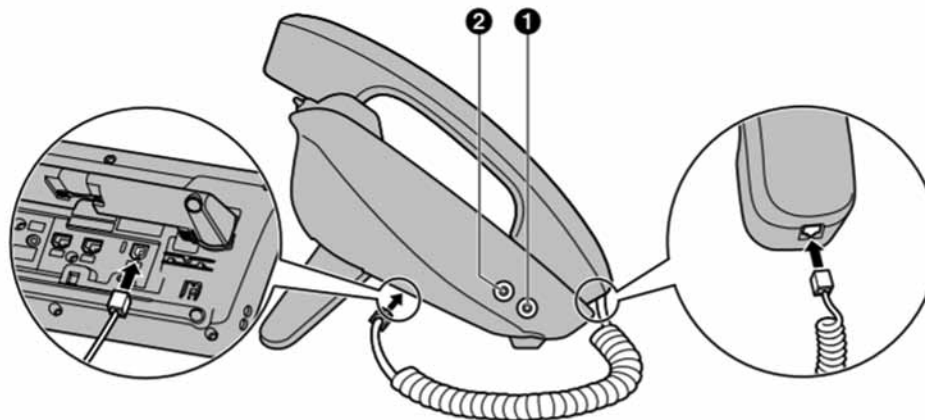
3.5mm to 3.5mm  
PN: 84757-01

+

Plantronics Audio Solution



**For KX-UT133/KX-UT136/KX-UT248:**



- ① Headset Jack
- ② EHS Jack (KX-UT133/KX-UT136/KX-UT248 only)



# HEADSETS

plantronics®



**15729-05**  
Foam Ear Cushions  
• For Supra, Encore and Supra Plus



**29955-32**  
TriStar Eartip Kit  
• Replacement eartips for TriStar



**29960-01**  
Clear Voice Tube  
• For Tristar, Encore, DuoSet DuoPro and SupraPlus



**40709-02**  
"Doughnut" Ear Cushions  
• For Supra Plus



**43937-01**  
Foam Ear Cushion  
• For CT12 and S12



**45671-01**  
AC Adapter  
• For Vista M22/M12 Audio Processor



**60961-32** HL10 Handset Lifter  
• For CS500/SAVI Series-right angle plug  
**60961-35** HL10 Handset Lifter  
• For CS500/SAVI Series-straight plug



**61578-01**  
Double Sided Adhesive Tape  
• For use with HL10, etc.



**64394-11**  
Replacement Earloops  
• For CS50 & CS55  
• Foam muff not included



**64399-01**  
Replacement Battery  
• For CS50/CS55



**65116-02**  
On-Line Indicator  
• For 60961-32 HL10



**66735-01**  
Replacement Headband  
• For CS50/CS55/50-USB



**67712-01**  
Leatherette Ear Cushions  
• For DuoPro and Supra Plus



**71483-01**  
Accessory Kit  
• For HL10 Handset Lifter



**71781-01**  
Foam Ear Cushions  
• Fits SupraPlus Wireless headband styles including W710, W720, CS510, CS520, CS351N, CS361N, WO300, WO350, & CS510/520-XD models  
• Does NOT include the plastic ring that connects the ear cushion to the headset. KEEP THE ORIGINAL RING.



**71782-01**  
Leatherette Ear Cushions  
• For CS510/520 and W710/720

114 TARGET CARRIES THE COMPLETE LINE OF PLANTRONICS ACCESSORIES

E-MAIL – [TGSales@targetdist.com](mailto:TGSales@targetdist.com) • INTERNET – [www.targetd.com](http://www.targetd.com)



**72913-02**  
**Eartip Kit**  
 • For CS530, W730 and W430



**80287-01**  
**Online Indicator**  
 • For 60961-35 HL10



**80322-01**  
**Replacement Battery**  
 • For CA12CD and CA12CD-S



**80323-01**  
**Replacement Remote**  
 • For Old CA12CD



**81087-02**  
**Replacement Battery**  
 • For CT14 Handset



**81423-01**  
**AC Power Supply**  
 • For SAVI/CS500 Series  
 • With straight plug



**82905-21**  
**Spare/Replacement Headset**  
 • For Savi W730, W430, W430-M



**83195-01**  
**Leatherette Ear Cushions**  
 • Set of two circumaural ear cushions for Plantronics SupraPlus



**83323-11**  
**Replacement Headset**  
 • Spare headset for Savi W410/510/710



**83356-01**  
**Replacement Headset**  
 • Replacement Headset with Cradle for the Savi W440/W740 (WH500)



**84598-01**  
**Replacement Battery**  
 • For Savi W440, Savi W440-M, Savi W740, Savi W740-M, Plantronics CS540-XD



**84601-01**  
**Deluxe Charging Kit**  
 • For Savi W440 and W740; includes additional battery



**84604-01**  
**Spare Fit Kit**  
 • For Savi W740/W745/W440  
 • Includes: 3 earloops, 4 eartips, and 1 foam sleeve



**84605-01**  
**Over-The-Head Band**  
 • For WH500, W440, W740, W745, CS540



**84606-01**  
**Behind-The-Head Band**  
 • For CS540, Savi W740, W745, W440 and WH500



**86005-01**  
**Charging Base**  
 • For Savi W440  
 • Single Unit

# HEADSETS

plantronics®



**86007-01**  
Telephone Interface Cable  
• For CS500, MDA200, and Savi W700 Series



**86009-01**  
Telephone Interface Cable  
• For Savi Office and CS500 Series



**86179-01**  
Replacement Headset for CS540  
• Does not include earhook  
• Comes exactly as pictured



**86180-01**  
Replacement Battery  
• For CS540



**86540-01**  
Earbud/Loop "Fit Kit"  
• For CS540, SAVI W740, W745, W440, WH500



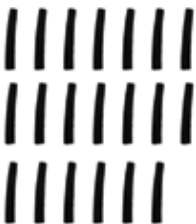
**87229-01** Leatherette Ear Cushions  
• For CS540, CS540/5-XD, W740/5 and W440  
• Set of 2



**87235-01**  
Replacement Headset Top  
• For CS530 (WH210)



**87300-42**  
Replacement Headset  
• For Voyager Legend CS, CS/HL



**87527-01**  
Foam Ear Loop Covers  
• Replacement foam ear loop covers for Savi W440, W445, W740, and W745, and CS540, CS540-XD, CS545-XD wireless headsets.  
• Package of 20



**89259-02**  
Calisto USB Dongle Replacement  
• Bluetooth version 2.0 – provides up to 33ft of range from the PC



**88286-01**  
USB Battery Charger  
• For CS545-XD



**88814-01**  
Earloop Kit  
• For HW530, HW540



**88815-01**  
Replacement Neckband  
• For HW540



**88816-01**  
Replacement Headband  
• Over-the-head headband for HW540



**88817-01**  
Foam Ear Cushion  
• For HW530, HW540



**88832-01**  
Leatherette Ear Cushion  
• For HW540

116 TARGET CARRIES THE COMPLETE LINE OF PLANTRONICS ACCESSORIES

E-MAIL – [TGSales@targetdist.com](mailto:TGSales@targetdist.com) • INTERNET – [www.targetd.com](http://www.targetd.com)





**88833-01**  
**Leatherette Ear Cushion**  
 • For HW530



**88940-01**  
**Small Eartip for CS540, W440 & W740/5**  
 • Single Unit



**88941-01**  
**Medium Eartip for CS540, W440 & W740/5**  
 • In packages of 25



**89032-01**  
**Desktop Charging Cable for Voyager Legend**  
 • USB connector



**89036-01**  
**Charging Case for Voyager Legend**  
 • The case's battery can recharge the headset twice for up to 14 hours of additional talk time (up to 21 hours total)



**89037-01**  
**Small Eartip Kit for Voyager Legend**  
 • 3-pack



**89108-01**  
**Foam Ear Cushions**  
 • For BLACKWIRE C710/C720C725



**89549-01**  
**Replacement Headset for CS540-XD & CS545-XD**  
 • Includes battery, headband with leatherette ear cushion, 2 sizes ear gel buds, 3 sizes ear loops, & 1 foam comfort sleeve



**200762-01**  
**Foam Ear Cushions**  
 • For BLACKWIRE 500/700



**201059-01**  
**Replacement Remote**  
 • For New CA12CD-S



**202599-03**  
**Replacement Battery**  
 • For CS300/WO300  
 • For SAVI W710/W720  
 • For CS510/520



**202997-02**  
**Foam Ear Cushions**  
 • 2-pack of foam ear cushions for EncorePro HW510, HW510V and HW520, HW520V



**202999-02**  
**Leatherette Ear Cushions**  
 • For HW510/HW520



**204755-01**  
**Replacement Battery**  
 • With Switch  
 • For W440 445 740 745



**208927-01**  
**Leatherette Ear Cushions**  
 • For BLACKWIRE 5210/5220

We've shown the most popular Plantronics Headset Accessories on pages 114-117. If you don't see the accessory you were looking for **CALL US TODAY!**

**WE CARRY THE COMPLETE LINE OF PLANTRONICS ACCESSORIES!**

## ADA COMPLIANT ANALOG AND VOIP EMERGENCY AND ELEVATOR PHONES

- Superior Automatic Noise Cancelling Design for Loud Environments
- Complies with ASME A17.1 Elevator Code when used with LV-1K (page 93)
- Phone Numbers and I.D. Announcement Stored in Non-Volatile Memory - No Battery Back-Up Required
- Automatically Dials 4 Additional Numbers (1 to 20 Digits) on Busy or No Answer

All models on this page available with **Enhanced Weather Protection (EWP)**. Viking's EWP products are for outdoor installation and are weather-sealed with a thick protective coating that keeps the elements out.  
Just add **-EWP** after the part number.

E-1600A-TP-EWP  
E-1600-TP-IP-EWP  
E-1600A-TP2-EWP  
E-1600-TP2-IP-EWP



E-1600-22-IP

E-1600-32-IP



E-1600A  
E-1600-IP

E-1600-45A  
E-1600-45-IP

E-1600-65A  
E-1600-65-IP

E-1600A-53-IP

E-1600-60A  
E-1600-60-IP

E-1600-30A  
E-1600-30-IP

E-1600-55A  
E-1600-55-IP

E-1600-02A  
E-1600-02-IP

E-1600-20A  
E-1600-20-IP

### Analog: 1600A Series

- Analog PABX, CO Line or FXS Port powered • 2 Wire Installation • Compatible with Central Station Monitoring (CSM) • 16 second I.D. Announcement
- Temperature range -15° to 130°F

The 1600A Series Emergency Phones are designed to provide quick and reliable access to emergency personnel via two-way, handsfree voice communication over a telephone network. The 1600A Series have braille labels and meet ADA requirements for elevator telephones. Compatible with analog PABX, CO line, FXS port and ringdown circuits.

The 1600A Series can be programmed on-site or remotely from a touch tone phone. All parameters, phone numbers, location numbers, and voice announcement are stored in non-volatile E2 memory, batteries are not required for memory retention.

When the "Push for Help" button is pressed, the 1600A Series phone goes off-hook, and the built-in touch tone dialer calls the pre-programmed 1 to 20 digit number. In the event that the line is busy or there is no answer, the unit can automatically dial up to 4 more numbers. When the call is answered, the 1600A Series phone lights the "Call Connected" LED steady and sends a field programmed 1 to 20 digit touch tone number or 16 second voice announcement indicating the location of the emergency phone.

### VoIP: 1600-IP Series

- Built-In 2 Amp Relay for Controlling Lights, Strobes, Door Strikes, Gate Openers, Door Chimes, etc. • Power over Ethernet (PoE) Class 1, <4 Watts
- VoIP SIP based Protocol • 28 Second I.D. Announcement • Temperature range -40° to 140°F

The 1600-IP Series Emergency Phones are ADA compliant and have all the features required in an emergency or door access phone. Plus, they're among the most affordable installer-friendly products on the market. The 1600-IP Series phones work with most SIP based VoIP phone systems.

Run CAT 5e Ethernet cable to one location and connect to the phone. Power the 1600-IP Series phone using the VoIP phone system's Power over Ethernet (PoE), or add an inexpensive PoE injector. Then program all the units with Viking's PC based software.

Programming is just as easy. The software immediately identifies each connected phone. Just assign a unique name and propagate the settings out to each phone with a push of a button – no need to continually re-enter the common parameters for every phone in the system. And, since Viking's software maintains a complete phone database, you can reprogram a replacement device the same way. Just click on the phone's name and press send. You never have to manually re-enter the information.

<b>Analog: E-1600A</b>	<b>VoIP: E-1600-IP</b>	• HxWxD: 5.25" x 4.0" x 2.0" • Surface mount • 16 gauge steel with textured red powder paint
<b>Analog: E-1600-45A</b>	<b>VoIP: E-1600-45-IP</b>	• HxWxD: 5.25" x 4.0" x 2.0" • Surface mount • 16 gauge steel with textured yellow powder paint
<b>Analog: E-1600-65A</b>	<b>VoIP: E-1600-65-IP</b>	• HxWxD: 5.25" x 4.0" x 2.0" • Surface mount • 16 gauge steel with textured blue powder paint
<b>Analog: N/A</b>	<b>VoIP: E-1600-53-IP</b>	• PCB only kit. Can be used to convert any analog Viking 1600A Series phone to a VoIP version
<b>Analog: E-1600-60A</b>	<b>VoIP: E-1600-60-IP</b>	• HxWxD: 5.25" x 4.0" x 2.0" • Surface mount • 16 gauge steel with textured blue powder paint and "POLICE" verbiage
<b>Analog: E-1600-30A</b>	<b>VoIP: E-1600-30-IP</b>	• HxWxD: 5.0" x 5.0" x 2.25" • Flush mount • 14 gauge marine grade 316 stainless steel, T-10 Torx Security Screws
<b>Analog: E-1600-55A</b>	<b>VoIP: E-1600-55-IP</b>	• HxWxD: 5.0" x 5.0" x 2.00" • Universal emergency phone kit to install behind elevator panels or when a custom panel is used
<b>Analog: E-1600-20A</b>	<b>VoIP: E-1600-20-IP</b>	• HxWxD: 5.0" x 5.0" x 2.25" • Flush mount • 2-button • 14 gauge marine grade 316 stainless steel, T-10 Torx Security Screws
<b>Analog: E-1600-03B</b>	<b>VoIP: E-1600-03-IP</b>	• HxWxD: 7.22" x 5.36" x 1.55" • Surface mount • 2-button • 14 gauge marine grade 316 stainless steel
<b>Analog: E-1600-02A</b>	<b>VoIP: E-1600-02-IP</b>	• HxWxD: 13.0" x 10.5" x 2.0" • Flush mount • 14 gauge marine grade 316 stainless steel
<b>Analog: N/A</b>	<b>VoIP: E-1600-22-IP</b>	• HxWxD: 5.0" x 5.0" x 2.25" • Flush/surface mount • 2-button • 14 gauge marine grade 316 stainless, T-10 Torx Security Screws
<b>Analog: N/A</b>	<b>VoIP: E-1600-32-IP</b>	• HxWxD: 5.0" x 5.0" x 2.25" • Flush/surface mount • 1-button • 14 gauge marine grade 316 stainless, T-10 Torx Security Screws

### EWP Only:

<b>Analog: E-1600A-TP-EWP</b>	<b>VoIP: E-1600-TP-IP-EWP</b>	• HxWxD: 11.75" x 9.5" x 2.0" • Flush mount • Direct physical replacement for Talk-A-Phone model ETP-400V
<b>Analog: E-1600A-TP2-EWP</b>	<b>VoIP: E-1600-TP2-IP-EWP</b>	• HxWxD: 11.75" x 9.5" x 2.0" • Flush mount • Direct physical replacement for Talk-A-Phone model ETP-400DV

Document-On-Demand Analog: 215 VoIP: 255

## ANALOG AND VOIP EMERGENCY PHONES

### K-1600-EHFA

#### Handsfree Elevator Phone

- Vandal resistant metal push button • Use on any programmed ringdown circuit of an analog PABX/KSU station
- Meets ADA requirements for Emergency Phones • Transmits a unique location I.D. code or voice announcement
- Grade 2 Braille label for the visually impaired • Non-volatile digital voice announcer with 16 seconds of voice memory
- Advanced call progress detection • Handsfree operation • Phone line powered • Touch Tone or pulse dialing • Dials up to 5 emergency numbers
- Cycles through backup emergency and non-emergency numbers on busy or no-answer • Separate central station voice speed dial number
- Hangs up on CPC, silence, busy signal, dial tone, time-out or Touch Tone command • Programmable to auto-answer on incoming calls
- Remotely programmable • Extended temperature range (-15°F to 130°F) • Central Station Monitoring capability (dials 2 numbers)

Document-On-Demand 215



### 42" Tower Phone with LED Strobe or Steady-on Beacon

- Enhanced Weather Protection (EWP), EWP products are designed to meet IP66 Ingress Protection Rating, see DOD# 859
- Can automatically light the "Call Connected" LED for the hearing impaired • Transmits a unique location I.D. code or voice announcement
- Grade 2 Braille label for the visually impaired • Advanced call progress detection • Handsfree operation
- Phone line powered emergency phone (strobe requires power) • Non-volatile memory (no batteries required)
- Marine grade 316 stainless steel and powder coated aluminum to prevent corrosion
- Dials up to 5 emergency numbers • Cycles through backup emergency and non-emergency numbers on busy or no-answer
- E-1600A-BLT2-EWP can also dial up to 3 non-emergency "Info" numbers or Touch Tone command • Programmable to auto-answer on incoming calls • Remotely programmable
- Extended temperature range (-15°F to 130°F) • Central Station Monitoring capability • Separate central station voice speed dial number
- High visibility, vandal and weather resistant • Vandal resistant polycarbonate strobe lens • Surface mountable

Analog: E-1600A-BLT-EWP

VoIP: E-1600-BLT1PEWP

• Single button version

Analog: E-1600A-BLT2EWP

VoIP: E-1600-BLT2PEWP

• 2-button version: "Info" & "Help" buttons

Analog: E-1600A-AST-EWP

VoIP: E-1600-AST1PEWP

• Single button version; steady-on beacon

Analog: E-1600A-AST2EWP

VoIP: E-1600-AST2PEWP

• 2-button version: "Info" & "Help" buttons; steady-on beacon

Documents-On-Demand 217 and 249



### Emergency Phones

- Vandal Resistant Features: 14 gauge louvered 316 stainless steel faceplate with permanent laser etched graphics, speaker/ mic screen, heavy duty metal keypad and "Call" button and hex drive mounting screws • Telephone line powered • Non-volatile memory (no batteries needed)
- Programmable to dial up to 5 numbers on busy or ring no answer
- Volume adjustments for microphone and speaker
- Advanced call progress detection: disconnects on busy signal, return to dial tone, CPC, reorder tone, maximum call time out and programmable silence time out
- Selectable auto-answer feature for monitoring
- Extended temperature range Analog: (-15°F to 130°F) VoIP: (-40°F to 140°F)
- Flush mountable using included plastic rough-in box

Analog: E-30

VoIP: E-30-IP

• Single button version

Analog: E-30-PT

VoIP: N/A

• Same as E-30 except Push-to-Talk for use in noisy areas

Analog: E-35

VoIP: E-30-IP

• Same as E-30 plus Built-in high resolution color video camera

Document-On-Demand 212

Document-On-Demand 214

Document-On-Demand 178

For Enhanced Weather Protection versions just add -EWP after the part number.



E-30  
E-30-IP



E-30-PT



E-35  
E-35-IP

## EMERGENCY PHONE ACCESSORIES – LINE SHARING / LINE SEIZURE

### PB-1 Panic Button

The PB-1 will activate the 1600A Series Emergency Phone and light a red LED to let you know your call is connected

- Mount anywhere at any angle with supplied foam tape
- The receiving end will be able to hear everything
- Provides security and peace of mind • Fully Modular

Document-On-Demand 233



### LSD-2 Smart Line Sharing Device with Inbound Switching Capability

- Routes both incoming and outgoing calls
- Allows an Emergency device to share a phone line with other devices • Gives priority to the Emergency devices
- Can store up to 12 Caller ID numbers
- Rings busy when Emergency device is in use

Document-On-Demand 262



## TALK BATTERY BOOSTER • GROUND-TO-LOOP START • POWER FAIL TRANSFER

### TBB-1B

#### Talk Battery Booster

- Boost talk battery voltage up to 48VDC
- Boost talk battery loop current up to 26mA
- Power LED displays activity
- Passes original ringing through to the device

Document-On-Demand 632



### GLS-12

#### 12-Line Ground To Loop Start Converter

- Allows PABX and key systems configured for loop start trunks, as well as standard telephones to be connected to C.O. ground start trunks • Eliminates wiring ground start buttons in standard telephones

Document-On-Demand 570



### PF-6A

#### Power Fail Transfer

- Transfers six C.O. trunks directly to designated analog station phones during outage
- Compatible with loop start or 48V ground start lines
- Stackable to increase capacity

Document-On-Demand 680





## HOTLINE PHONES • MANUAL PHONES • DIALERS

### Auto Dialing Emergency/Courtesy Phones

Dials a Pre-Programmed Number When the Handset is Lifted

- 1-32 digit programmable speed dial number
- Telephone line powered and touch tone programmable
- Hearing aid compatible amplified handsets with rotary handset volume control
- Touch tone and 10/20 pps pulse dialing • Non-volatile memory (no batteries required)
- Restricts fraudulent calls from hand held dialers
- Available in red or ash • Operates on a C.O. line or analog PABX/KSU extensions

<b>K-1900D-2</b>	Red Hot-Line Desk Phone	<b>Document-on-Demand 360</b>
<b>K-1900W-2</b>	Red Hot-Line Wall Phone	<b>Document-on-Demand 360</b>
<b>K-1900D-2 ASH</b>	Ash Hot-Line Desk Phone	<b>Document-on-Demand 360</b>
<b>K-1900W-2 ASH</b>	Ash Hot-Line Wall Phone	<b>Document-on-Demand 360</b>
<b>Q170600 RINGER</b>	Electronic Ringer	<b>Document-on-Demand 834</b>

### Manual (No Dial) Phones with Ringers for Ringdown, Courtesy or Emergency Phone Applications

These manual phones are compatible with ringdown circuits such as model DLE-200B, dialers such as Viking's K-1900-5 and K-1900-30 as well as an analog PABX, CO line or FXS port configured as a ringdown circuit.

<b>K-1500P-W</b>	Red Manual Wall Phone	<b>Document-on-Demand 355</b>
<b>K-1500P-D</b>	Red Manual Desk Phone	<b>Document-on-Demand 355</b>
<b>K-1500P-W ASH</b>	Ash Manual Wall Phone	<b>Document-on-Demand 355</b>
<b>K-1500P-D ASH</b>	Ash Manual Desk Phone	<b>Document-on-Demand 355</b>



### K-1900-6 Hot Line Dialer & Network

- Fits most 500, 554, 2500, & 2554 sets
- Once installed, dials a pre-programmed number when handset is lifted
- 32 digit programmable number • Non-volatile E2 memory

For Enhanced Weather Protection versions just add **-EWP** after the part number. **Document-on-Demand 360**



### K-1500-6A Vandal Resistant Panel Phone

- Armored cable and black handset
- Flush mounts on double gang box
- Works with a dedicated ringdown circuit or DLE-200B Line Simulator
- Hearing aid compatible



**Document-On-Demand 352**

### K-1500-7 Vandal Resistant Panel Phone

- Armored cable and black handset
- Flush mounts on double gang box
- Hot-Line phone when used with a K-1900-5 Hot-Line Dialer
- Point to point communication when used with the DLE-200B Line Simulator.



**Document-On-Demand 352**

### No Dial Vandal Resistant Panel Phone

- Armored cable and black handset
  - Flush mounts on double gang box
  - Single number automatic dialer
- Analog: K-1900-7**  
**VoIP: K-1900-7-IP**
- For Enhanced Weather Protection versions just add **-EWP** after the part number. **Document-On-Demand 364 & 363**



### Vandal Resistant Panel Phone with Dial Pad

- With armored cable and dial pad
  - Mounts on double gang box
  - Use with ATMs, POS displays, etc.
  - 32 digit 1-number auto dialer
- Analog: K-1900-8**  
**VoIP: K-1900-8-IP**
- For Enhanced Weather Protection versions just add **-EWP** after the part number. **Document-On-Demand 361 & 362**



### K-202-DVA 2-Input Voice Alarm Dialer

- Non-volatile memory
- Stores up to (7) 32-digit phone numbers per input
- 2 minutes of record time (1 minute per input)
- Programmable message repeat counter
- Compatible with the RC-2A and RC-3 remote DTMF controllers



**Document-On-Demand 305**

### K-1900-4 Single Number Dialer 16-Digit Number K-1900-5 Single Number Dialer 32-Digit Number

- Automatically dials a pre-programmed number when the associated phone goes off hook
- Non-volatile E2 memory
- Programmable via touch tone phone locally or remotely
- Telephone line powered



**Document-On-Demand 315 and 317**

### K-2000-DVA 8 Input Voice Alarm Dialer

- Non-volatile memory
- Stores up to (8) 32-digit numbers
- 8 minutes of total record time total (1 minute per input)
- Programmable "retry" limit (1-9) • Program from your PC
- Compatible with the RC-2A and RC-3 remote DTMF controllers



**Document-On-Demand 303**

### K-6000-DVA Auto Voice Message Delivery System

- Non-volatile memory • Stores up to 1000 14-digit numbers
- Up to 6 groups • 8 minutes of total record time total
- Compatible with the RC-2A and RC-3 remote DTMF controllers
- Programmable "retry" limit (1-9) • Program from your PC



**Document-On-Demand 307**

## RINGDOWN CIRCUITS / LINE SIMULATORS • RECORDING KIT • FAX SWITCH

### DLE-200B 2-Way Ringdown Circuit

- Compatible with fax machines and • CPC on either port
- Modem speeds up to 28.8 kbps
- Precise dial tone 32VDC talk battery
- Switch selectable ring cadence
- Provides 2 seconds of precise dial tone



**Document-On-Demand 605**

### DLE-300 Advanced Ringdown Circuit

- Supports all high speed data
- Produces Caller ID data
- Audio input/output for recording voice prompts • 40 V DC talk battery
- Standard & distinctive 20 Hz AC ringing



**Document-On-Demand 607**

### PTR-1 Recorder Kit

- No power required
- Includes interface and cords
- Recorder only runs during conversation
- Works with virtually any tape or digital recorder with VOX and AGC circuits



**Document-On-Demand 438**

### FAXJ-1000 4-Port Fax Switch

- Allows any 4 analog devices to share a single line
- Provides realistic ring-back tones
- Transfer from one port to another as often as required during the same call



**Document-On-Demand 261**

## PROBLEM SOLVERS

### RAD-1A Remote Access Device



- Allows remote access of paging systems, service observers, digital recorders, etc. via touch tone telephone
- Programmable access code

Document-On-Demand 410

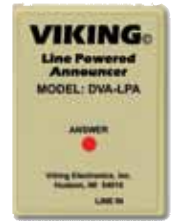
### RAD-AMP Amplified Remote Access Device



- Line Extender to utilize inexpensive WATS, FX or TIE lines
- Remotely access paging amplifiers or service observers
- Call diverter eliminates Call Forwarding charges

Document-On-Demand 415

### DVA-LPA Line Powered Digital Announcer



- Non-volatile memory
- Remote recording and programming
- 16 seconds of record time
- Ring trip detection
- CPC detection

Document-On-Demand 128

### EV-1 Emergency Voice Announcer



- Emergency/Elevator phone identification for meeting ADA requirements
- To identify calls from automatic dialing equipment
- Line powered 10 seconds of digital record time
- Non-volatile memory
- Locally or remotely recordable

Document-On-Demand 135

### ACA-1A One-Port Auto Attendant



- Non-volatile memory
- Remote or local recording
- Programmable ring delay
- CPC detection
- Stackable
- Compatible with Centrex, PBX, Hybrid Key and many Electronic Key systems
- Processes approximately 4 calls per minute

Document-On-Demand 005

### HD-1 Handset Dialer



- Provides DTMF signaling across a dry pair of wires for in-house applications
- Compatible with console phone auxiliary hand-set jacks
- Powered by 9 V battery (provided) or optional PS-1A 13.8V AC adapter
- Adjustable Touch Tone volume control

Document-On-Demand 405

### LDB-1 Loop Detector Board



The LDB-1 provides a loop activated contact closure when used in series with telecom devices on analog phone lines. The LDB-1 will initiate a dry relay contact on any off-hook condition. Alternatively, add the optional PS-2 power supply to provide switched DC power.

Document-On-Demand 406

### LDB-2 Ring/Loop Detector



The LDB-2 Ring/Loop Detector monitors an analog phone line for ringing or an in-use condition. A built-in relay can be activated when either of these conditions are detected. This is ideal for monitoring line status.

Document-On-Demand 408

### LDB-3 Advanced Loop Detector



This device monitors an analog phone line for ringing or an off hook condition. The LDB-3's disable input is ideal for 2-button emergency phones, such as Viking's E-1600-20A, allowing "Info" button calls to be placed without activating the relay (turning on the emergency strobe light, camera, etc.)

Document-On-Demand 409

### LPR-1 Loud Ringer



- Loud ringing from an analog line
- Connect via screw terminals or modular RJ-11 jack
- 7 ft line cord provided
- Adjustable volume • 92 dB SPL @ 1 meter
- 40V AC RMS @ 20-30 Hz

Document-On-Demand 550

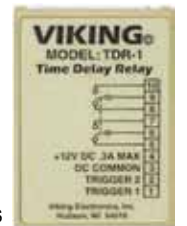
### PAN-1 Door Phone Interface



- Use instead of Panasonic KX-T30865 or KX-T7775 with: E-10A, E-20B, E-30, E-40, E-50, E-60, E-65, E-70, and E-75
- All Panasonic doorphone/door station card programming options and features may still be used

Document-On-Demand 145

### TDR-1 Time Delay Relay



- Controlled closure times
- Delayed closures
- 1 Double Pole, Double Throw relay output
- 8 selectable closure times
- Selectable time delay
- Screw terminal connections
- LED relay status indicator
- 120V AC to 12V DC adapter provided

Document-On-Demand 421

### MTG-10 Multi-Tone Generator



- Ten tones • Siren
- Interrupted 784Hz Tone
- Door Chime • Warble
- Double Gong
- Evacuation Whoop
- Telephone Recording Disclosure Tone
- Double Buzz • Double Chime
- Quadruple Chime • Contact initiated

Document-On-Demand 482

### CPC-1 1-Line CPC Disconnect



- Phone line powered (no AC needed)
- Caller ID compatible
- Generates CPC disconnect on:
  - Return to dial tone (programmable) - Busy signal
  - Reorder (fast busy), Steady silence (programmable)

Document-On-Demand 442

### CPC-4 4-Line CPC Disconnect



- Phone line powered (no AC needed)
- Caller ID compatible
- Generates CPC disconnect on:
  - Return to dial tone (programmable) - Busy signal
  - Reorder (fast busy), Steady silence (programmable)
- LED Indicator

Document-On-Demand 444

GO TO [www.vikingelectronics.com](http://www.vikingelectronics.com) FOR DOCUMENT-ON-DEMAND INFORMATION 121

TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494

## VISUAL INDICATORS

### BLK-4 LED Strobe Light Kit

- Polycarbonate lens
- 4 programmable flash patterns
- 6 programmable beacon and strobe brightness settings



### BLK-4-EWP

- As above with Enhanced Weather Protection

Document-On-Demand 654

### VR-1B Message Waiting Lamp

- Displays "ringing", "on-the-phone" or "message waiting"
- LED visible up to 100 ft
- Power supply included
- Special "T" adapter provided for handset use



Document-On-Demand 697

### LPL-1 Visual Ring MW Indicator

- Displays "ringing", "On-The-Phone" or "Message Waiting" on analog phone lines or PABX stations
- LED visible up to 100 ft (30m)
- Line powered



Document-On-Demand 640

## RING BOOSTER

### RG-4 Ring Booster

- True sine wave ring signal output
- Boosts ring to 4 REN
- Caller ID compatible
- Easy installation



Document-On-Demand 416

## ACCESS CONTROL

### C-1000B Door Entry Controller

- Allows two Viking doorboxes or Viking paging amplifiers to share a single telephone line with a residential or business telephone system
- Doorbox triggered CCTV camera switching • Compatible with Viking's Single Line Paging Controller, Model SLP-1
- Compatible with up to two of the following Viking doorbox models: W-1000, W-2000A, or W-3000
- Provides two Touch Tone controlled N.O. or N.C. dry contacts (5 amp rating) for door strikes or gate openers
- Call waiting tones indicate which doorbox is calling and distinguish a doorbox call from a C.O. line call
- Calls can be placed on hold when visitors call from the doorbox or when paging
- Custom ringing mode allows you to distinguish doorbox calls from C.O. calls • Keyless entry/postal lock input
- Built-in talk battery for "No C.O. Line" applications • Auxiliary contact output for doorbells, lights, etc.

Document-On-Demand 168



### W-1000 Flush Mount Doorbox

- Vandal and weather resistant
- 5" x 5" black powder painted aluminum
- Electrical mounting box provided
- High output speaker amplifier
- Microphone volume adjustment POT
- 20 Hz ring generator (6.0 REN maximum)
- Selectable number of rings (2, 3, 10 or 30)
- 24 volt talk battery
- Compact 45° terminal strip for easy wiring



• Add -EWP to part number for Enhanced Weather Protection  
Document-On-Demand 170

### W-2000A Surface Mount Doorbox

- Durable weather resistant plastic case
- 4" x 5.25" x 1.5" unit
- Mounts on single gang electrical box
- High output speaker amplifier
- Microphone volume adjustment POT
- 20 Hz ring generator (6.0 REN maximum)
- Selectable number of rings (2, 3, 10 or 30)
- 24 volt talk battery
- Compact 45° terminal strip for easy wiring



• Add -EWP to part number for Enhanced Weather Protection  
Document-On-Demand 170

### W-3000 Flush Mount Doorbox

- Vandal and weather resistant
- 5" x 5" 14 Ga. stainless steel
- High output speaker amplifier
- Microphone volume adjustment POT
- 20 Hz ring generator (6.0 REN ring load maximum) • 24 volt talk battery
- Selectable number of rings (2, 3, 10 or 30)
- Selectable "Push-to-Talk" feature for noisy environments



• Add -EWP to part number for Enhanced Weather Protection  
Document-On-Demand 170

### W-3005

#### Vandal Resistant Doorbox with Color Video Camera

- Built-in high resolution color video camera
- Audio and video transmission on one CAT5E cable
- Impact and scratch resistant camera lens
- Volume adjustments for microphone and speaker
- Blue call progress/night light LED
- Selectable "Push-to-Talk" feature for noisy environments
- Shown in optional VE-5X5 surface mount box



• Add -EWP to part number for Enhanced Weather Protection  
Document-On-Demand 181

### Vandal Resistant Entry Phone

Analog: K-1700-3 VoIP: K-1703-IP

- Blue "in use" LED
- Volume adjustments for microphone and speaker
- Advanced call progress detection: disconnects on busy signal, return to dial tone, CPC reorder tone, maximum call time out and selectable silence time out
- Selectable auto-answer feature • Selectable push button disconnect
- Zinc plated steel rough-in box with (2) 3/4" conduit knockouts
- 14 gauge louvered 316 stainless steel faceplate with permanent laser etched graphics, stainless steel speaker/mic screen, heavy duty metal keypad and "Call" button, and T-10 Torx Security mounting screws



• Add -EWP to part number for Enhanced Weather Protection  
Document-On-Demand Analog: 157 VoIP: 253

### Vandal Resistant Video Entry Phone

Analog: K-1705-3 VoIP: K-1705-IP

- Built-in high resolution color video camera with wide viewing, tilt/swivel adjustments
- Audio and video transmission on one CAT5E cable
- Volume adjustments for microphone and speaker
- Advanced call progress detection: disconnects on busy signal, return to dial tone, CPC reorder tone, maximum call time out & selectable silence time out
- Selectable auto-answer feature
- Selectable push button disconnect
- Zinc plated steel rough-in box with (2) 3/4" conduit knockouts
- 14 gauge louvered 316 stainless steel faceplate with permanent laser etched graphics, stainless steel speaker/mic screen, heavy duty metal keypad and "Call" button, and T-10 Torx Security mounting screws



• Add -EWP to part number for Enhanced Weather Protection  
Document-On-Demand Analog: 159 VoIP: 254



## ACCESS CONTROL



### Vandal Resistant Entry Phone with Keypad and Prox Card Reader

Analog: K-1770-3 VoIP: K-1770-IP

- Built-in 125KHz 26-bit Wiegand proximity card reader
- 14 gauge louvered 316 stainless steel faceplate with permanent laser etched graphics, stainless steel "Call" button, heavy duty metal keypad and T-10 Torx Security mounting Screws
- Telephone line powered
- Volume adjustments for microphone and speaker
- Selectable auto-answer feature for monitoring
- Add -EWP to part number for Enhanced Weather Protection

Document-On-Demand Analog: 275 VoIP: 257



### Vandal Resistant Video Entry Phone with Keypad and Prox Card Reader

Analog: K-1775-3 VoIP: K-1775-IP

- Built-in high resolution color video camera
- Built-in 125KHz 26-bit Wiegand proximity card reader
- 14 gauge louvered 316 stainless steel faceplate with permanent laser etched graphics, stainless steel "Call" button, heavy duty metal keypad and T-10 Torx Security mounting Screws
- Volume adjustments for microphone and speaker
- Selectable auto-answer feature for monitoring
- Add -EWP to part number for Enhanced Weather Protection

Document-On-Demand Analog: 280 VoIP: 258

### K-1200 Apartment Entry Phone

- Operates on 12 to 24 volts AC/DC
- 12 speed dial buttons (each up to 32 digits)
- 12 second number positions (each with 32 digits)
- One button operation (no call button)
- Hang-up on CPC, busy, silence, time-out or dial tone return
- Touch Tone restriction from microphone
- Integral relay for camera control or door strike
- Works with C-1000B for increased security
- Works with C-3000 for "No CO" operation
- Optional Enhanced Weather Protection (EWP)
- VE-LIGHT compatible
- Shown in optional VE-5x10-SS surface mount box
- Add -EWP to part number for Enhanced Weather Protection



Document-On-Demand 182

### K-1205

#### Video Apartment Entry Phone

- Built-in high resolution color video camera
- Operates on 12-24V AC/DC
- 12 speed dial buttons (each up to 32 digits)
- 12 second number positions (each with 32 digits)
- One button operation
- Hang-up on CPC, busy, silence, time-out or dial tone return
- Touch Tone restriction from microphone
- Integral relay for camera control or door strike
- Works with C-1000B for increased security
- Works with C-3000 for "No CO" operation
- Optional Enhanced Weather Protection (EWP)
- VE-LIGHT compatible
- Shown in optional VE-5x10-SS surface mount box
- Add -EWP to part number for Enhanced Weather Protection



Document-On-Demand 183

### K-1275-IP

#### Vandal Resistant VoIP Entry Phone System with Built-In Proximity Card Reader and Color Camera

- For apartment and residential door entry applications
- Vandal resistant VoIP speaker phone with an integrated 125 KHz Proximity Card Reader and analog Color Video Camera
- Provides quick and reliable hands-free communication for SIP VoIP phone systems or cloud based service providers
- Can be programmed from any PC on the same LAN or remotely
- Dials up to 12 programmed numbers and another 12 rollover numbers
- Up to 1,000 keyless entry codes may be programmed
- Built-in Prox Card Reader with capacity for up to 1,000 card numbers



Document-On-Demand 274



### K-1900-3

#### Apartment/Office 250 Number Dialer

- Compatible with Viking's vandal resistant K-1700-3, K-1900-8 or any Touch Tone phone
- Non-volatile E2 memory
- Remotely or locally programmable
- Stores 250 tenant Touch Tone phone numbers and keyless entry codes
- Programmable master keyless entry code and five maintenance codes
- Programmable call timer
- Multi-number dialer mode (for Kiosks, etc.)

Document-On-Demand 312



### C-3000

#### Door Entry Controller

- Provide Door Entry Keyless Entry for up to 96 Apts. or Offices Without a Dedicated Line
- Functions with or without tenant CO lines
- Unique keyless entry code for each tenant
- Supports (2) entry doors and (2) door strikes

D-O-D 162



### C-4000

#### Door Entry Controller

- Supports 4 entry points
- Supports 4 Wiegand type card readers
- Compatible with Viking's vandal resistant K-1700-3, K-1900-8 or any Touch Tone phone
- Non-volatile E2 memory
- Stores 250 tenant phone numbers & entry codes

D-O-D 164



### ES-1 Door Controller

- Add Keyless Entry and/or Card Reader Entry for a Single Door with Up to 250 Users
- Up to 250 tenants
- Programmable with a Touch Tone phone
- Use with any 26 bit Wiegand device
- Supports 1 entry point
- Compatible with Viking models PRX-1, PRX-2, PRX-3 and PRX-4
- Non-volatile memory (no batteries required)
- All programming done via local touch tone phone

Document-On-Demand 193



### ES-3 Door Controller

- Up to 32 additional points of entry may be added to Viking's model AES-2000 Accessible Entry System
- Up to 525 tenants • Logs up to 1024 entry events
- Two wire CAN communication protocol can be daisy-chained together
- Share with door strike's 12-24V AC or DC power source
- Inputs and relay outputs may be either normally open (NO) or normally closed (NC) contacts
- Other programmable parameters are also PC programmed via the AES-2000

Document-On-Demand 195

## ENTRY PHONE INTERFACES



### C-200 Single Entry Phone Interface

- Allows an entry phone to share a single telephone line with a residential or business telephone system
- House phones ring with C.O. line cadence or distinctive ring when the "Call" button is pressed
- Compatible with: E-10A, E-20B, E-30, E-40, E-50, E-60, E-65, E-70 or E-75 Handsfree Phones - K-1500-7 Stainless Steel Panel Phone - Or use with any analog touch tone phone • Produces "Call Waiting" tones
- Add door strike capability with the Viking model SRC-1

Document-On-Demand 169



### C-250 Single Entry Phone Controller with Call Forwarding and Door Strike Control

- Allows single line telephones or a telephone system to share a phone line with a door entry phone
- Built in five number dialer
- Detects busy or no answer & goes to the next number
- Built in door strike relay with 1 or 2 digit commands
- Postal lock input
- Works with any E Series or K Series Viking Phone or use with any analog phone

Document-On-Demand 172



### C-500 Advanced Two Door Entry Phone Controller with Call Forwarding and Door Strike Controls

- Allows single line telephones or a telephone system to share a phone line with two Viking entry phones • Stackable - connect up to four to control up to eight entry points
- Compatible with the following Viking entry phones: E-10A, E-20B, E-30, E-35, E-40, E-50, E-60, E-65, E-70, E-75 Phones - K-1500-7, K-1700-3 and K-1705-3 K-1900-8 or any analog touch tone phone

Document-On-Demand 177

## ANALOG AND IP ENTRY PHONES

### Entry Phone

Analog: E-10A VoIP: E-10-IP

- Flush Mount
- Weather resistant features: mylar speaker, gaskets, internally sealed push button switch & UV stable exterior
- Adjustable mic and speaker volume
- Programmable maximum call length
- Two way handsfree communication • Programmable VOX (mic/speaker) switching speed
- Use with a Viking C-200 or C-250 to control on a single line
- Add -EWP to part number for Enhanced Weather Protection

Document-On-Demand 210



### Entry Phone

Analog: E-20B VoIP: E-20-IP

- Surface Mount
- Weather resistant features: mylar speaker, gaskets, internally sealed push button switch, UV stable exterior, enamel coated PCB • Adjustable mic and speaker volume
- Programmable maximum call length
- Two way handsfree communication • Programmable VOX (mic/speaker) switching speed
- Use with a Viking C-200 or C-250 to control on a single line
- Add -EWP to part number for Enhanced Weather Protection

Document-On-Demand 210



### E-40 Entry Phones

The E-40 Series Entry phones are compact, weather and vandal resistant, telephone line powered speaker phones designed to provide two-way handsfree communication. Use with Viking C-2000B Door and Gate Controller to control 1 to 4 entry phones on a single phone line.

Add -EWP to part number for Enhanced Weather Protection.

E-40-BN Oil Rubbed Bronze E-40-BK Black  
E-40-WH White E-40-SS Stainless Steel

Document-On-Demand 187



### E-50 Video Entry Phones

- Built in color composite video camera with 420 lines of resolution
- Audio and video transmission on one Cat-5e cable
- Compact size for flush mounting in a single gang box
- Camera power supply included

Add -EWP to part number for Enhanced Weather Protection.

E-50-BN Oil Rubbed Bronze E-50-BK Black  
E-50-WH White E-50-SS Stainless Steel

Document-On-Demand 191



### E-60 Entry Phones

- Flush mounts in a double gang electrical box
- Weather Resistant • Vandal Resistant
- Blue LED indicator

Add -EWP to part number for Enhanced Weather Protection.

Analog: E-60-BN Oil Rubbed Bronze VoIP: E-60-BN-IP  
Analog: E-60-BK Black VoIP: E-60-BK-IP  
Analog: E-60-WH White VoIP: E-60-WH-IP  
Analog: E-60-SS Stainless Steel VoIP: E-60-SS-IP

Document-On-Demand Analog: 206 VoIP: 250



### E-65 Video Entry Phones

- Built-in high resolution color video camera
- Audio and video transmission on one CAT5E cable
- Flush mounts in a double gang electrical box
- Use on any analog PABX station port with programmable ringdown capability

• Blue LED helps locate the push button, indicate ringing and off-hook

Add -EWP to part number for Enhanced Weather Protection.

E-65-BN Oil Rubbed Bronze E-65-BK Black  
E-65-WH White E-65-SS Stainless Steel

Document-On-Demand 203



### E-70 Entry Phone With Prox Card Reader

- Built-in 125KHz 26-bit Wiegand proximity card reader with LED and beep card read confirmation and EWP board protection • Vandal Resistant
- Audio transmission on one CAT5E cable
- Blue LED helps locate push button, indicate ringing & off-hook
- Use on any analog PABX station port with programmable ringdown capability

Add -EWP to part number for Enhanced Weather Protection.

E-70-BN Oil Rubbed Bronze E-70-BK Black  
E-70-WH White E-70-SS Stainless Steel

Document-On-Demand 207



### E-75 Entry Phone With Prox Card Reader and Color Video Camera

- Built-in 125KHz HID compatible 26-bit Wiegand proximity card reader with LED and beep card read confirmation and EWP board protection • Vandal Resistant
- Built-in high resolution color video camera
- Audio and video transmission on one CAT5E cable

Add -EWP to part number for Enhanced Weather Protection.

E-75-BN Oil Rubbed Bronze E-75-BK Black  
E-75-WH White E-75-SS Stainless Steel

Document-On-Demand 208



## OUTDOOR ENCLOSURES

### 9X12 Outdoor Enclosure

- Heavy-duty 319 cast aluminum
- Powder coated for durability and UV stability
- Drip guard and gasket sealed door
- 1/2" NPT conduit openings top & bottom
- 0.020" thick stamped aluminum "Telephone" label with UV stable, scratch resistant, clear coat finish



**VE-9X12(X)-0** Basic Enclosure with no internal mounting panel

**VE-9X12(X)-1** Enclosure with internal mounting panel for models:

E-1600A/E-1600-45A E-1600-03B, E-1600-60A, K-1900W-2/K-1500P-W, W-2000A/E-20B

**VE-9X12(X)-2** E-10A, E-1600-30A, E-30/E-35/E-1600-20A, W-1000, W-3000/W-3005

Colors: X = Y for Yellow, R for Red and B for Black

Document-On-Demand 413

### 9X20 Outdoor Enclosure

- Heavy-duty 319 cast aluminum construction
- Powder coated for durability and UV stability
- Drip guard and gasket sealed door • 1/2" NPT conduit openings on top and bottom



**VE-9X20(X)-0** Basic Enclosure with no internal mounting panel

**VE-9X20(X)** Enclosure with internal mounting panel

Fits Models: K-1500-7, K-1900-7, K-1900-8

Colors: X = Y for Yellow, R for Red and B for Black

Document-On-Demand 413



**VE-PBL Push Button Lock**  
An optional VE-PBL lock and key set is available if you choose to keep your VE-Series phone box locked.

**VE-SPG Door Return Hinge Spring**  
Door return hinge spring for the VE-Series enclosures

Document-On-Demand 413



**VE-3X5 Black Surface Mount Enclosure**

- Surface mount for Viking E-40, E-50
- Mounts to a standard single gang box
- Mounts directly to the wall

Document-On-Demand 424

**VE-5X5 Black Surface Mount Enclosure**  
**VE-5X5-SS Stainless Surface Mount Enclosure**  
**VE-5X5-RD Red Surface Mount Enclosure**

- Surface mount for E-10A, E-30, E-30-PT, E-35, E-60, E-65, E-70, E-75, E-1600-20A, W-1000, or W-3000
- Also available with blank panel, just add -PNL to the part number

Document-On-Demand 424

**VE-6X7 Black Surface Mount Enclosure**  
**VE-6X7-SS Stainless Steel Surface Mount Enclosure**

- Surface mount for the K-1700, K-1705-3, K-1770 or K-1775-3
- Also available with blank panel, just add -PNL to the part number

Document-On-Demand 424

**VE-ARSW Area of Refuge Surface Mount Command Center Cabinet**

- 20 gauge galvaneal steel
- Lock with breakaway cam and two keys
- Mounting studs for any standard wall phone
- Hinged door with clear acrylic window

Document-On-Demand 237

**VE-5X10 Black Surface Mount Enclosure**

**VE-5X10-SS Stainless Steel Surface Mount Enclosure**

- Surface mount for the K-1200, K-1205, K-1270, K-1275, K-1500-7, K-1900-7, and K-1900-8
- Also available with blank panel, just add -PNL to the part number

Document-On-Demand 424

**VE-GNP 42" Pad Mount Pedestal**  
**VE-GNP-SS 42" Stainless Steel Pedestal**  
**VE-GNP-IG 64" In-Ground Pedestal**  
**VE-GNP-2 72" Double Pedestal**

The VE-GNP gooseneck pedestal is designed to be used with any of the VE-Series backboxes and is ideal for drive up communications.

**Compatible with:**

- VE-5x5 • VE-5x5-SS • VE-5x5-PNL • VE-5x5-PNL-SS
- VE-6x7 • VE-6x7-SS • VE-6x7-PNL • VE-6x7-PNL-SS
- VE-5x10 • VE-5x10-SS • VE-5x10-PNL • VE-5x10-PNL-SS

- Mounts to a floor, or concrete with 4 available bolt holes
- Material: 11 gauge CRS or stainless steel
- Finish: UV stable black powder paint

Document-On-Demand 424

**VE-LIGHT**

- Use with the VE-5x5 and: E-10A, E-30, W-1000, W-3000, E-1600-20A
- Use with the VE-6x7 and the K-1700-3 Apartment Entry Phone
- Use with E-1600A-BLT-EWP
- Ultra bright LEDs for long life
- Easy retro-fit to existing entry phones
- Uses same power source as doorbox
- Power with 12 to 24 volts AC or DC
- Doorbox shown not included

Document-On-Demand 428

## TOUCH TONE / NETWORK ENABLED RELAY CONTROLLERS

**SRC-1 Secure Touch Tone Relay Controller**

- User touch tone programmable
- Non-volatile memory
- Switchable 32V talk battery
- Operates on 12-24V AC/DC power
- Programmable allow/restrict for dialing/keyless entry
- Trigger input for contact closure

Document-On-Demand 176



**RC-2A Remote DTMF Controller**

- Control door strikes and gate openers via touch tone
- Designed for use with Viking W-1000, W-2000A & W-3000 or as a stand alone "dial up" remote controller
- Can activate one momentary or maintained relay contact

Document-On-Demand 160



**RC-3 Remote DTMF Controller**

- Control door strikes and gate openers via touch tone
- Designed for use with Viking W-1000, W-2000A & W-3000 or as a stand alone "dial up" remote controller
- Can activate one momentary or maintained relay contact
- 3 RC-3s can be ganged
- 6 digit security code • 6 digit access code

Document-On-Demand 165



**RC-4A Network Enabled Relay Controller**

- Terminal strip connections for normally open, normally closed, and common for all 4 relays
- Notification by email or text of sensor input state change
- Timed relay closures of 1 - 99 seconds can be easily programmed and activated by clicking on webpage control buttons

Document-On-Demand 582





## MediaMax™ Panels

**MXE-15E-1G2** 15" MediaMax Panel (empty) with Hinged Vented Cover

**MXE-30E-1G2** 30" MediaMax Panel (empty) with Hinged Vented Cover

**MXE-45E-1G2** 45" MediaMax Panel (empty) with Hinged Vented Cover

- Mount ONT's, Gateways, Battery Backups and wiring modules in a single enclosure

- Made of UL 94V-0 rated flame retardant plastic

## Accessories

### SAE-ACN

AC outlet kit, non-surge protected

### SAE-PS3

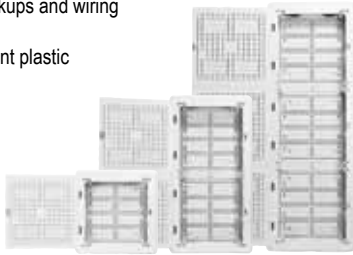
3-outlet AC power-strip with 3-foot cord

### SAE-GMT8

8 rubber grommets for entry/exit holes

### SAE-LOCK

Lock accessory kit



4-Inch Deep Cover Available. Call for details

## HN-GHN-E00P

### Gigabit Ethernet Adapter with Pass-Through

The MediaMAX™ Gigabit Ethernet Adapter utilizes G.hn technology that works over the electrical wiring in the home to establish a high-speed network connection without the hassle of installing additional wires or creating IP configurations.



- Easy to install. Plug in adapters and connect Ethernet cable to create a remote link for internet access from another room within your house
- Uses existing home wiring, no IP configuration or additional wiring required
- Offers a reliable and secure data connection
- Supports multicast for audio and video signals
- Supports ITU-T G.hn-MIMO (G.9963) recommendation



## MXM-521

### MediaMax Gateway Termination Module

- The Gateway Termination Module supports up to five CAT6 data outputs and four 2-line voice outputs
- Cable terminations utilize tool-less IDCs for improved transmission
- This module allows for changes in wiring to be made quickly and easily with no tools



## SAM-D8

### MediaMax CAT5e 8-Port RJ45 Data Module

- Supports up to 8 outlets and are designed with front punch down terminations
- This module allows for changes in wiring to be made quickly and easily



## SAM-D8-C6

### MediaMax CAT6 8-Port RJ45 Data Module

- Supports up to 8 outlets and are designed with front punch down terminations
- This module allows for changes in wiring to be made quickly and easily



## SAM-D8-TC5

### MediaMax CAT5e Tool-Less 8-Port Data Module

- Supports up to 8 outlets and are designed with front punch down terminations
- This module allows for changes in wiring to be made quickly and easily with no tools



## SAM-D8-TC6

### MediaMax CAT6 Tool-Less 8-Port Data Module

- Supports up to 8 outlets and are designed with front punch down terminations
- This module allows for changes in wiring to be made quickly and easily with no tools



## STAR6000C6T

### CAT6 Tool-Less Keystone Jack with 8 Colored Bezels

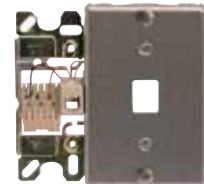
- Tool-less toggle eliminates individual wire punch-down and provides consistent IDC termination
- Includes 8 color-coded bezels (Electrical Ivory, Yellow, Orange, Green, Red, Blue, Light Almond, White)



## STAR630B8-SS (8-Cond)

### Stainless Steel Wall Mount Plate with 110 Terminations

- Designed for use with wall mounted, 8-conductor modular telephone sets
- Stainless Steel • Easy installation
- Standard 110 terminations
- Dust covers for IDC terminations



## 630B4 (4-Cond)

### Stainless Steel Wall Mount Plate with Push-On Connectors

- 6-position, 4-conductor
- Mounting lugs
- Includes retaining clips
- Push-On connectors



## STAR500AF-XX

### 4-Port Angled, Single Gang Face Plate

- Designed for Suttle's line of snap-in multimedia modules and colored bezels
- Fits standard NEMA boxes
- High impact, UL 94V-0 rated plastic
- 52 = Electrical Ivory
- 85 = White



## STAR500S1-XX

### 1-Port Face Plate with ID Windows

## STAR500S2-XX

### 2-Port Face Plate with ID Windows

- Designed for Suttle's line of snap-in multimedia modules and colored bezels
- Fits standard NEMA boxes
- High impact, UL 94V-0 rated plastic
- 52 = Electrical Ivory
- 85 = White



## STAR500S4-XX

### 4-Port Face Plate with ID Windows

## STAR500S6-XX

### 6-Port Face Plate with ID Windows

- Designed for Suttle's line of snap-in multimedia modules and colored bezels
- Fits standard NEMA boxes
- High impact, UL 94V-0 rated plastic
- 52 = Electrical Ivory
- 85 = White



## 183A2

- 2-clip adapter to expand capacity on 66 blocks. One double quick clip.
- Provides additional connections without interfering with already connected wires
- Positive insulation between rows
- NOT for use on CAT5 or higher rated connecting blocks.

**CAT6 Modular In-Line Cord Coupler  
9-08C6-BK**

- Extends length of 8C Cat5e/Cat6 cord
- Female to Female
- Keystone compatible
- Black color only


**Modular In-Line Cord Coupler  
903/6 (6-Conductor)**

- Extends length of RJ11/RJ14 cord
- Female to Female
  - Ivory only


**Line Cords  
4-Conductor**

- L-D4BU-WW-XX  
(Silver Satin Only)  
WW = 01, 02, 07, 14, 25, 50-foot lengths  
XX = BK (Black), SS (Silver Satin), (WH) White


**Line Cords  
6-Conductor**

- L-D6BU-WW-SS  
(Silver Satin Only)  
WW = 01, 25-foot lengths  
SS (Silver Satin)


**T14545X-10F**

- CAT3 Shielded RJ48C  
T1 Cross-over Cable
- RJ45 M/M
  - 10-ft.
  - Connects your T1 CSU/DSU


**L-DW4A-DE-XX**
**4 Conductor Round Modular Cord**

- 24AWG solid bare copper conductors
- XX = 10, 25-foot lengths


**L-DW8A-DE-XX**
**8 Conductor Round Modular Cord**

- 24AWG solid bare copper conductors • XX = 10, 25-foot lengths

**UR2**

- Gel Filled UR Connectors  
3-Wire, Red, 100 piece pack


**17-1837**

- Beanies  
In White – 1000-pieces


**UY**

- Gel Filled UR Connectors  
2-Wire, Yellow, 100 piece pack

**17-1837G**

- Gel Filled Beanies  
In Blue – 1000-pieces


**Modular  
"T" Adapter  
L-902 (4-Conductor)**

- RJ11 Male to RJ11 Double Female


**Modular  
"T" Adapter  
327-2 (4-Conductor)**

- Male RJ-14 splits into RJ11s for lines 1 and 2


**Modular  
"T" Adapter  
327-3 (4-Conductor)**

- Male RJ-11 splits into 3 of the same RJ11s


**Modular  
"T" Adapter  
327T**

- 1 Male RJ11 to 3 Female RJ11
- Triplex Jack 1 = Line 1 Only
- Triplex Jack 2 = Line 2 Only
- Triplex Jack 3 = Line 1 and 2


**Modular  
Handset "T" Adapter  
327C**

- 2 Female RJ22 to 1 Male Pigtail (2 Inches)


**L-66DS2-7FTGY**

- Works with NEC DS, DSX, SL, Aspire, UX and SV systems
- 6 USOC -wired RJ45's
- 7-foot long cable terminated to a 66 block
- Supports up to 24 ports
- Terminates left, exits top


**L-66DS2BF-07-GY**

- As above except terminates right, exits bottom

**3-4X66 (Black)  
3-4X66 WHITE (White)  
Electrical Tape**

PVC Premium Grade Electrical Insulation Tape with rubber based adhesive.

- 3/4-Inch
- 66-Foot Roll



<p><b>IC107F01XX</b>  <ul style="list-style-type: none"> <li>• 1-Port Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, BK, GY, IV, WH</p>	<p><b>IC107F02XX</b>  <ul style="list-style-type: none"> <li>• 2-Port Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, BK, GY, IV, WH</p>	<p><b>IC107F03XX</b>  <ul style="list-style-type: none"> <li>• 3-Port Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, BK, GY, IV, WH</p>	<p><b>IC107F04XX</b>  <ul style="list-style-type: none"> <li>• 4-Port Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, BK, GY, IV, WH</p>	<p><b>IC107F06XX</b>  <ul style="list-style-type: none"> <li>• 6-Port Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, BK, GY, IV, WH</p>	<p><b>IC107FD8XX</b>  <ul style="list-style-type: none"> <li>• 8-Port Plastic Faceplate</li> <li>• Double Gang</li> </ul>                     XX = AL, BK, GY, IV, WH</p>
<p><b>IC107F12XX</b>  <ul style="list-style-type: none"> <li>• 12-Port Plastic Faceplate</li> <li>• Double Gang</li> </ul>                     XX = AL, BK, GY, IV, WH</p>	<p><b>IC107F1CXX</b> 1-Port 1-Gang Face Plate - <b>25-Pack</b>  <b>IC107F2CXX</b> 2-Port 1-Gang Face Plate - <b>25-Pack</b>  <b>IC107F3CXX</b> 3-Port 1-Gang Face Plate - <b>25-Pack</b>  <b>IC107F4CXX</b> 4-Port 1-Gang Face Plate - <b>25-Pack</b></p> <p>• 25 Piece Convenience Pack • Fits standard single gang outlet box                      • Compatible with all ICC modular connectors                      • Made from durable ABS plastic • Flush mount style                      XX = IV or WH</p>			<p><b>IC107SF1SS</b>  <ul style="list-style-type: none"> <li>• 1-Port Faceplate</li> <li>• Single Gang</li> <li>• Jack Retainer</li> <li>• Stainless Steel</li> </ul> </p>	<p><b>IC107SF2SS</b>  <ul style="list-style-type: none"> <li>• 2-Port Faceplate</li> <li>• Single Gang</li> <li>• Jack Retainer</li> <li>• Stainless Steel</li> </ul> </p>
<p><b>IC107SF3SS</b>  <ul style="list-style-type: none"> <li>• 3-Port Faceplate</li> <li>• Single Gang</li> <li>• Jack Retainer</li> <li>• Stainless Steel</li> </ul> </p>	<p><b>IC107SF4SS</b>  <ul style="list-style-type: none"> <li>• 4-Port Faceplate</li> <li>• Single Gang</li> <li>• Jack Retainer</li> <li>• Stainless Steel</li> </ul> </p>	<p><b>IC107SF6SS</b>  <ul style="list-style-type: none"> <li>• 6-Port Faceplate</li> <li>• Single Gang</li> <li>• Jack Retainer</li> <li>• Stainless Steel</li> </ul> </p>	<p><b>IC107DF4SS</b>  <ul style="list-style-type: none"> <li>• 4-Port Faceplate</li> <li>• Double Gang</li> <li>• Jack Retainer</li> <li>• Stainless Steel</li> </ul> </p>	<p><b>IC107DF8SS</b>  <ul style="list-style-type: none"> <li>• 8-Port Faceplate</li> <li>• Double Gang</li> <li>• Jack Retainer</li> <li>• Stainless Steel</li> </ul> </p>	<p><b>IC107LF1XX</b>  <ul style="list-style-type: none"> <li>• 1-Port <b>Oversized</b> Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, IV, WH</p>
<p><b>IC107LF2XX</b>  <ul style="list-style-type: none"> <li>• 2-Port <b>Oversized</b> Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, IV, WH</p>	<p><b>IC107LF3XX</b>  <ul style="list-style-type: none"> <li>• 3-Port <b>Oversized</b> Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, IV, WH</p>	<p><b>IC107LF6XX</b>  <ul style="list-style-type: none"> <li>• 6-Port <b>Oversized</b> Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, IV, WH</p>	<p><b>IC107DA1XX</b>  <ul style="list-style-type: none"> <li>• 1-Port Angled Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, IV, WH</p>	<p><b>IC107DA2XX</b>  <ul style="list-style-type: none"> <li>• 2-Port Angled Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, IV, WH</p>	<p><b>IC107DA4XX</b>  <ul style="list-style-type: none"> <li>• 4-Port Angled Plastic Faceplate</li> <li>• Single Gang</li> </ul>                     XX = AL, IV, WH</p>
<p><b>IC630EB0XX</b> <b>Wall Plate</b>  <ul style="list-style-type: none"> <li>• Blank • Single gang</li> <li>• Rugged &amp; durable</li> </ul>                     XX = AL, IV, WH</p>	<p><b>IC630EBDXX</b> <b>Wall Plate</b>  <ul style="list-style-type: none"> <li>• Blank • Dual gang</li> <li>• Rugged &amp; durable</li> </ul>                     XX = AL, IV, WH</p>	<p><b>IC630DIBXX</b> <b>Decorex Insert</b>  <ul style="list-style-type: none"> <li>• Blank</li> </ul>                     XX = IV, WH</p>	<p><b>IC630EBSSS</b> <b>Wall Plate</b>  <ul style="list-style-type: none"> <li>• Blank</li> <li>• Single gang</li> <li>• Stainless Steel</li> </ul> </p>	<p><b>IC640BSXXX</b> <b>1-Gang Bulk Nose Face Plate</b>  <ul style="list-style-type: none"> <li>• Accomodates connectorized cables</li> <li>• Not for VGA</li> </ul>                     XX = IV, WH</p>	<p><b>IC640BDSXXX</b> <b>2-Gang Bulk Nose Face Plate</b>  <ul style="list-style-type: none"> <li>• Accomodates connectorized cables</li> <li>• OK for VGA</li> </ul>                     XX = IV, WH</p>





# JACKS and ACCESSORIES

<p><b>IC107S01XX</b></p> <ul style="list-style-type: none"> <li>• 1-Port Faceplate with Station ID</li> <li>• Single Gang</li> </ul> <p>XX = IV, WH</p>	<p><b>IC107S02XX</b></p> <ul style="list-style-type: none"> <li>• 2-Port Faceplate with Station ID</li> <li>• Single Gang</li> </ul> <p>XX = IV, WH</p>	<p><b>IC107S03XX</b></p> <ul style="list-style-type: none"> <li>• 3-Port Faceplate with Station ID</li> <li>• Single Gang</li> </ul> <p>XX = IV, WH</p>	<p><b>IC107S04XX</b></p> <ul style="list-style-type: none"> <li>• 4-Port Faceplate with Station ID</li> <li>• Single Gang</li> </ul> <p>XX = IV, WH</p>	<p><b>IC107S06XX</b></p> <ul style="list-style-type: none"> <li>• 6-Port Faceplate with Station ID</li> <li>• Single Gang</li> </ul> <p>XX = IV, WH</p>	<p><b>IC107SD8XX</b></p> <ul style="list-style-type: none"> <li>• 8-Port Faceplate with Station ID</li> <li>• Dual Gang</li> </ul> <p>XX = IV, WH</p>
<p><b>IC107S01SS</b></p> <ul style="list-style-type: none"> <li>• 1-Port Faceplate with Station ID</li> <li>• Single Gang</li> <li>• Stainless Steel</li> </ul>	<p><b>IC107S02SS</b></p> <ul style="list-style-type: none"> <li>• 2-Port Faceplate with Station ID</li> <li>• Single Gang</li> <li>• Stainless Steel</li> </ul>	<p><b>IC107S03SS</b></p> <ul style="list-style-type: none"> <li>• 3-Port Faceplate with Station ID</li> <li>• Single Gang</li> <li>• Stainless Steel</li> </ul>	<p><b>IC107S04SS</b></p> <ul style="list-style-type: none"> <li>• 4-Port Faceplate with Station ID</li> <li>• Single Gang</li> <li>• Stainless Steel</li> </ul>	<p><b>IC107S06SS</b></p> <ul style="list-style-type: none"> <li>• 6-Port Faceplate with Station ID</li> <li>• Single Gang</li> <li>• Stainless Steel</li> </ul>	<p><b>IC108F01XX Elite Faceplate</b></p> <ul style="list-style-type: none"> <li>• 1-Bezel</li> <li>• Accepts all IC108 bezels</li> </ul> <p>XX = IV, WH</p>
<p><b>IC108BFBXX Elite Bezel</b></p> <ul style="list-style-type: none"> <li>• Blank</li> <li>• Covers unused openings</li> </ul> <p>XX = WH, IV</p>	<p><b>IC108BF1XX Elite Bezel</b></p> <ul style="list-style-type: none"> <li>• 1-Port Flat</li> <li>• For IC107 modules</li> </ul> <p>XX = IV, WH</p>	<p><b>IC108BA1XX Elite Bezel</b></p> <ul style="list-style-type: none"> <li>• 1-Port Angled</li> <li>• For IC107 modules</li> </ul> <p>XX = IV, WH</p>	<p><b>IC108BA2XX Elite Bezel</b></p> <ul style="list-style-type: none"> <li>• 2-Port Angled</li> <li>• For IC107 modules</li> </ul> <p>XX = IV, WH</p>	<p><b>IC107DFSXX Decorex, 1-Gang</b></p> <ul style="list-style-type: none"> <li>• 1-Insert Faceplate</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DFDxx Decorex, 2-Gang</b></p> <ul style="list-style-type: none"> <li>• 2-Insert Faceplate</li> </ul> <p>XX = AL, BK, IV, WH</p>
<p><b>IC107DFTxx Decorex, 3-Gang</b></p> <ul style="list-style-type: none"> <li>• 3-Insert Faceplate</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DH2XX Decorex Single HDMI 2-Port Module</b></p> <ul style="list-style-type: none"> <li>• 1 HDMI and 2 blank ports</li> <li>• HD modules only</li> <li>• Includes 2 blank inserts</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DDHXX Decorex Double HDMI 2-Port Module</b></p> <ul style="list-style-type: none"> <li>• 2 HDMI and 2 blank ports</li> <li>• HD modules only</li> <li>• Includes 2 blank inserts</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DR2XX 2-Port Decorex with VGA/RGB</b></p> <ul style="list-style-type: none"> <li>• HD modules only</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DR4XX 4-Port Decorex with VGA/RGB</b></p> <ul style="list-style-type: none"> <li>• HD modules only</li> </ul> <p>XX = IV, WH</p>	<p><b>IC107DI1XX Decorex Insert</b></p> <ul style="list-style-type: none"> <li>• 1-Port</li> <li>• For all IC107 modules</li> </ul> <p>XX = AL, BK, IV, WH</p>
<p><b>IC107DI2XX Decorex Insert</b></p> <ul style="list-style-type: none"> <li>• 2-Port</li> <li>• For all IC107 modules</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DI3XX Decorex Insert</b></p> <ul style="list-style-type: none"> <li>• 3-Port</li> <li>• For all IC107 modules</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DI4XX Decorex Insert</b></p> <ul style="list-style-type: none"> <li>• 4-Port</li> <li>• For all IC107 HD modules only</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC107DI6XX Decorex Insert</b></p> <ul style="list-style-type: none"> <li>• 6-Port</li> <li>• For all IC107 HD modules only</li> </ul> <p>XX = AL, BK, IV, WH</p>	<p><b>IC1074PIXX Insert</b></p> <ul style="list-style-type: none"> <li>• 4-Port HD</li> <li>• Electrical</li> <li>• HD modules only</li> </ul> <p>XX = AL, IV, WH</p>	<p><b>IC107DPIXX Insert</b></p> <ul style="list-style-type: none"> <li>• 2-Port</li> <li>• Electrical</li> </ul> <p>XX = AL, IV, WH</p>

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# JACKS and ACCESSORIES



 <p><b>IC1076FVWH HD Style</b> <b>Voice Grade Modular Jacks - White</b></p> <ul style="list-style-type: none"> <li>• 400-Pack • RJ-11 keystone jacks</li> <li>• 6-position 6-conductor (6P6C)</li> <li>• Includes FREE ICACSPDTEH termination tool</li> </ul>	 <p><b>IC1076VVWH EZ Style</b> <b>Voice Grade Modular Jacks - White</b></p> <ul style="list-style-type: none"> <li>• 400-Pack • RJ-11 keystone jacks</li> <li>• 6-position 6-conductor (6P6C)</li> <li>• Includes FREE ICACSPDTEH termination tool</li> </ul>	 <p><b>IC107E5VXX</b> <b>CAT5E EZ Module</b></p> <ul style="list-style-type: none"> <li>• 400-Pack • RJ-45 keystone jacks</li> <li>• 8-position 8-conductor (8P8C)</li> <li>• Includes FREE ICACSPDTEH termination tool</li> </ul>	 <p><b>IC107F5VXX</b> <b>CAT5E HD Module</b></p> <ul style="list-style-type: none"> <li>• 400-Pack • RJ-45 keystone jacks</li> <li>• 8-position 8-conductor (8P8C)</li> <li>• Includes FREE ICACSPDTEH termination tool</li> </ul>	
 <p><b>IC107L6VXX</b> <b>CAT6 EZ Module</b></p> <ul style="list-style-type: none"> <li>• 400-Pack • RJ-45 keystone jacks</li> <li>• 8-position 8-conductor (8P8C)</li> <li>• Includes FREE ICACSPDTEH termination tool</li> </ul>	 <p><b>IC107F6VXX</b> <b>CAT6 HD Module</b></p> <ul style="list-style-type: none"> <li>• 400-Pack • RJ-45 keystone jacks</li> <li>• 8-position 8-conductor (8P8C)</li> <li>• Includes FREE ICACSPDTEH termination tool</li> </ul>	 <p><b>IC107BGDWH</b> <b>25-Pack White 3GHz Gold F-Type Module with Blue Insulator</b></p> <p>Rear threaded F-Type connectors for secure in-wall connections with both RG-6 and RG59 Coaxial cable</p>	 <p><b>IC107BFDWH</b> <b>25-Pack White 3GHz Nickel F-Type Module with Blue Insulator</b></p> <p>Rear threaded F-Type connectors for secure in-wall connections with both RG-6 and RG59 Coaxial cable</p>	
 <p><b>IC630EG0XX</b> <b>Wall plate</b></p> <ul style="list-style-type: none"> <li>• F-connector • Single gang</li> <li>XX = IV, WH</li> </ul>	 <p><b>IC107FFWXX</b> <b>Wall Phone Plate</b></p> <ul style="list-style-type: none"> <li>• 1-Port flush • For IC107 modules</li> <li>XX = AL, BK, IV, WH</li> </ul>	 <p><b>IC630DA6SS</b> <b>Wall Phone Plate</b></p> <ul style="list-style-type: none"> <li>• 6P6C • Rear 110</li> <li>• Stainless steel</li> </ul>	 <p><b>IC630DB6XX</b> <b>Wall Phone Plate</b></p> <ul style="list-style-type: none"> <li>• 1-Port • Rear screw terminals</li> <li>XX = IV, WH</li> </ul>	 <p><b>IC107FFWSS</b> <b>Wall Phone Plate</b></p> <ul style="list-style-type: none"> <li>• 1-Port flush • For IC107 modules • Stainless Steel</li> </ul>
 <p><b>IC630E60XX</b> <b>Wall plate</b></p> <ul style="list-style-type: none"> <li>• 6P6C • Rear screw terminals</li> <li>XX = IV, WH</li> </ul>	 <p><b>ICRDS0F5XX</b> <b>Wall Plate</b></p> <ul style="list-style-type: none"> <li>• CAT5e and F-connectors</li> <li>XX = AL, WH</li> </ul>	 <p><b>IC107HDMXX</b> <b>HDMI Module</b></p> <ul style="list-style-type: none"> <li>• Feed through female-to-female</li> <li>• HD video (up to 1080p)</li> <li>• Rugged &amp; durable</li> <li>XX = AL, BK, IV, WH</li> </ul>	 <p><b>IC107AHMWH</b> <b>90 Degree HDMI White Only</b></p> <ul style="list-style-type: none"> <li>• Supports v1.2, v1.3, v1.4a, 720p, 1080i, 1080p, 3D, and HDCP;</li> <li>typical maximum distance for HDMI cable is 33 feet</li> </ul>	 <p><b>IC107AUSWH</b> <b>90 Degree USB 3.0 White Only</b></p> <ul style="list-style-type: none"> <li>• USB 3.0 and backwards compatible to V1.1 and V2.0</li> <li>• Data rate = 5Gbps; 5 meters maximum</li> </ul>
 <p><b>IC107UAAWH</b> <b>USB Connector</b></p> <ul style="list-style-type: none"> <li>• Female-to-female</li> <li>USB 3.0 connector and backwards compatible to v1.1 and v2.0</li> <li>• White Only</li> </ul>	 <p><b>IC107UABWH</b> <b>USB A to B Connector</b></p> <ul style="list-style-type: none"> <li>• Female-to-female</li> <li>USB USB 2.0 and backwards compatible to v1.1.</li> <li>• White Only</li> </ul>	 <p><b>IC107SAPXX</b> <b>3.5mm to 110 Stereo Module</b></p> <ul style="list-style-type: none"> <li>• Connect to head phone, microphone, sound cards, and MP3 players</li> <li>XX = AL, BK, IV, WH</li> </ul>	 <p><b>IC107SACWH</b> <b>3.5mm Stereo Female-Female Audio Coupler</b></p> <ul style="list-style-type: none"> <li>• Easy to install plug and play 3.5mm adapter type on front and rear</li> <li>• Available in white only</li> </ul>	
 <p><b>IC107DSBXX</b> <b>Speaker Module</b></p> <ul style="list-style-type: none"> <li>• Dual Modular Speaker Insert with push buttons on the front and rear</li> <li>• Accepts up to 16 AWG for both speaker wires</li> <li>XX = IV, WH</li> </ul>	 <p><b>IC107DSCXX</b> <b>Speaker Module</b></p> <ul style="list-style-type: none"> <li>• Dual Modular Speaker Insert with push buttons on the front only</li> <li>• Accepts up to 16 AWG for both speaker wires</li> <li>XX = AL, BK, IV, WH</li> </ul>	 <p><b>IC107PMGXX</b> <b>Modular Speaker Connectors (2)</b></p> <ul style="list-style-type: none"> <li>• Gold binding posts</li> <li>• Accepts up to 8 AWG wire or banana plugs</li> <li>XX = AL, BK, IV, WH</li> </ul>	 <p><b>IC107BN0XX</b> <b>Blank Insert</b></p> <ul style="list-style-type: none"> <li>• Fills unused ports</li> <li>• Sold in packs of 10</li> <li>XX = AL, BK, GY, IV, WH</li> </ul> <p><b>IC107BNVXX</b></p> <ul style="list-style-type: none"> <li>• As above, 100-pack</li> <li>XX = BK, IV, WH</li> </ul>	

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# JACKS and ACCESSORIES



**IC108SB1XX**  
**Elite Surface Box**

- 1-Port • For IC107 modules
- Comes with traditional screw terminals
- Multiple mounting options with adhesive backing and screws

XX = GY, IV, WH



**IC108SB2XX**  
**Elite Surface Box**

- 2-Port • For IC107 modules
- Comes with traditional screw terminals
- Multiple mounting options with adhesive backing and screws

XX = GY, IV, WH



**IC108SB4XX**  
**Elite Surface Box**

- 4-Port • For IC107 modules
- Comes with traditional screw terminals
- Multiple mounting options with adhesive backing and screws

XX = GY, IV, WH



**IC108SB6XX**  
**Elite Surface Box**

- 6-Port • For IC107 modules
- Comes with traditional screw terminals
- Multiple mounting options with adhesive backing and screws

XX = GY, IV, WH



**IC625SB6XX 6P6C**  
**Surface Jack**

- Includes adhesive backing and screws

XX = IV, WH



**IC625S51XX 8P8C**  
**Surface Jack**

- CAT 5e EZ Jack w/RJ45
- Fully loaded and ready for installation

XX = IV, WH



**IC635DS8XX 8P8C**  
**Surface Jack**

- With shorting bar and voice termination (RJ31X)

XX = IV, WH



**IC107SB1XX**  
**1-Port Surface Jack**

- For IC107 modules
- Recessed area for ID label

XX = BK, GY, IV, WH



**IC107SB2XX**  
**2-Port Surface Jack**

- For IC107 modules
- Recessed area for ID label

XX = BK, GY, IV, WH



**IC107SB4XX**  
**4-Port Surface Box**

- For IC107 modules
- Recessed area for ID label
- Rugged, durable construction
- Easy system administration with use of enclosed icons

XX = BK, IV, WH



**IC107SB6XX**  
**6-Port Surface Box**

- For IC107 modules
- Recessed area for ID label
- Rugged, durable construction
- Easy system administration with use of enclosed icons

XX = BK, IV, WH



**IC107SBTXX**  
**12-Port Surface Box**

- Multiple mounting options including adhesive backings and screws
- Used with ICRW11 and ICRW12 raceway systems

XX = BK, IV, WH



**IC107BC1XX**  
 1-Port Surface Mount Box - **25-Pack**

**IC107BC2XX**  
 2-Port Surface Mount Box - **25-Pack**

- 25 Piece Convenience Package
- Multiple mounting options with adhesive backings and screws
- Recessed areas for ID labels

XX = IV, WH

**IC250MBSXX**  
**Low Profile Single Gang Mounting Box**

- Only .93" deep for narrow spaces
- Integrated internal routing posts and cable management system with evenly spaced cable tie anchor points

XX = GY, IV, WH



**IC107MRSXX**  
**Single Gang Mounting Box**

- Fits standard NEMA dual gang electrical boxes
- Integrated internal routing posts and cable management system with evenly spaced cable tie anchor points

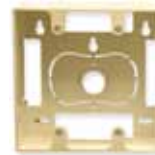
XX = IV, WH



**IC107MRDXX**  
**Dual Gang Mounting Box**

- Fits standard NEMA dual gang electrical boxes
- Integrated internal routing posts and cable management system with evenly spaced cable tie anchor points

XX = IV, WH



**ICACSMBSXX**  
**Single Gang Junction Box**

- Fits standard NEMA
- 2-piece design
- Used with ICC raceway systems

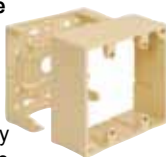
XX = IV, WH



**ICACSMBDXX**  
**Dual Gang Junction Box**

- Fits standard NEMA
- 2-piece design
- Used with ICC raceway systems

XX = IV, WH



**IC107FM3XX**

- 3-port furniture face plate
- One piece design
- 2.56" W x 1.33" H x .19" D
- Standard TIA furniture cutout size

XX = BK, GY, IV, WH



**IC107FN4XX**

- 4-port furniture face plate
- NEMA furniture cutout size
- HD modules only
- 2.6" W x 1.83" H x .19" D

XX = BK, GY, IV, WH



**IC107FT4XX**











- 4-port furniture face plate
- TIA furniture cutout size
- HD modules only
- 2.6" W x 1.33" H x .19" D

XX = BK, GY, IV, WH

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 <p><b>IC1078S6A0</b>  <b>CAT6A FTP Shielded Cap</b>  <b>Module 8-Position</b>              8-Conductor, RJ-45              Zinc-Alloy housing only</p>	 <p><b>IC1078GAXX</b>  <b>CAT 6A HD UTP</b>  <b>Module, 8P8C,</b>              RJ-45, Shielded Cap              XX = BK, BL, IV, OR, RD, WH</p>	 <p><b>IC1078F6XX</b>  <b>CAT 6 (HD) Module</b>              8-Position 8-Conductor              RJ-45</p>	 <p><b>IC1078L6XX</b>  <b>CAT 6 Easy (EZ) Module</b>              8-Position 8-Conductor              RJ-45</p>	
XX = AL, BK, BL, GN, GY, IV, OR, PR, RD, WH, YL				
 <p><b>IC1078F5XX</b>  <b>CAT 5e (HD)</b>  <b>Module 8-Position</b>              8-Conductor, RJ-45</p>	 <p><b>IC1078E5XX</b>  <b>CAT 5e Easy (EZ)</b>  <b>Module 8-Position</b>              8-Conductor, RJ-45</p>	 <p><b>IC1076F0XX</b>  <b>HD Voice Module</b>              6-Position              6-Conductor, RJ-11</p>	 <p><b>IC1076V0XX</b>  <b>EZ Voice Module</b>              6-Position              6-Conductor, RJ-11</p>	
XX = AL, BK, BL, GN, GY, IV, OR, PR, RD, WH, YL				
 <p><b>IC107C6AXX</b>  <b>CAT 6A Modular Coupler</b>              8-Position              8-Conductor, RJ-45              XX = BK, WH</p>	 <p><b>IC107CP6XX</b>  <b>CAT 6 Modular Coupler</b>              8-Position              8-Conductor, RJ-45              XX = BK, WH</p>	 <p><b>IC107C5EXX</b>  <b>CAT 5e Modular Coupler</b>              8-Position              8-Conductor, RJ-45              XX = BK, WH</p>	 <p><b>IC107C6SXX</b>  <b>Voice HD Coupler</b>              Provides pin 1-6 RJ-11              voice coupling              XX = BK, IV, GY, WH</p>	 <p><b>IC107C6RXX</b>  <b>Voice RJ11 Coupler</b>              Provides pin 1-1 RJ-11              voice coupling              XX = BK, WH</p>
 <p><b>ICMA350A6C</b>  <b>Modular Coupler</b>              • RJ-11 6P6C, Pin 1-6              female-to-female              • Ivory only</p>	 <p><b>ICMA3508DR</b>  <b>Voice Coupler</b>              • Provides pin 1-1 keyed              RJ-45 voice coupling              • Ivory only</p>	 <p><b>IC107F6CXX</b>  <b>CAT 6 HD</b>  <b>Modular Connectors</b>              25-Pack</p>	 <p><b>IC107L6CXX</b>  <b>CAT 6 EZ</b>  <b>Modular Connectors</b>              25-Pack</p>	 <p><b>IC107F5CXX</b>  <b>CAT 5e HD</b>  <b>Modular Connectors</b>              25-Pack</p>
XX = BK, BL, IV, OR, RD, WH				
 <p><b>IC107E5CXX</b>  <b>CAT 5e EZ</b>  <b>Modular Connectors</b>              25-Pack              XX = BK, BL, IV, OR, RD, WH</p>	 <p><b>IC1076FCXX</b>  <b>HD RJ-11</b>  <b>6P6C Modular Jacks</b>              25-Pack              XX = IV, WH</p>	 <p><b>IC1076VCXX</b>  <b>EZ RJ-11</b>  <b>6P6C Modular Jacks</b>              25-Pack              XX = IV, WH</p>	 <p><b>IC107C6CBK</b>  <b>CAT 6 HD</b>  <b>Modular Couplers</b>              25-Pack              Black Only</p>	 <p><b>IC107C5CBK</b>  <b>CAT 5e 0</b>  <b>Modular Couplers</b>              25-Pack              Black Only</p>



# JACKS and ACCESSORIES



**IC107BGCWH**  
**F-Type Module 25-Pack**  
 • Gold Plated  
 • White Only



**IC107BFCWH**  
**F-Type Module 25-Pack**  
 • Nickel Plated  
 • White Only



**IC107B5GXX**  
**F-Type Module**  
 • Female-Female  
 • Gold plated  
 • Works with all IC107 & IC108  
 XX = AL, BK, GY, IV, WH



**IC107B5FXX**  
**F-Type Module**  
 • Female-Female  
 • Nickel plated  
 • Works with all IC107 & IC108  
 XX = AL, BK, IV, WH



**IC107B9FXX**  
**F-Type Module**  
 • Female-Female  
 • 3 GHz  
 • Works with all IC107 & IC108  
 XX = AL, BK, IV, WH



**IC107B9GXX**  
**F-Type Module**  
 • Female-Female  
 • 3 GHz • Gold plated  
 • Works with all IC107 & IC108  
 XX = AL, BK, IV, WH



**ICRDSA01C**  
**CATV F-Type Connector**  
 • RG6 to F-type connector  
 • 100-pack  
**Not for Plenum Cables**



**ICRDSA059C**  
**CATV F-Type Connector**  
 • RG59 to F-type connector  
 • 100-pack  
**Not for Plenum Cables**



**ICRDSA04C**  
**CATV F-Type Connector**  
 • RG6 Quad shield to F-type connector  
 • 100-pack  
**Not for Plenum Cables**



**IC107FQGWH**  
**F-Type Crimp Module**  
 • Supports applications such as CCTV, DSS (DTV, HDTV, SDTV), and CATV  
**Not for Plenum Cables**



**IC107ST2XX**  
**ST Adapter Module**  
 • Supports optical apps to bring fiber to desktop  
 • Works with all IC107 & IC108  
 XX = IV, WH



**IC107LC2XX**  
**LC Adapter Module**  
 • Small Form Factor uses 50% less space  
 • Works with all IC107 & IC108  
 XX = IV, WH



**IC107SC2XX**  
**SC Adapter Module**  
 • Supports optical apps to bring fiber to desktop  
 • Works with all IC107 & IC108  
 XX = IV, WH



**IC107LCGXX**  
**LC Fiber Optic Coupler (OM3)**  
 • Supports optical applications in bringing fiber to the desktop  
 • Works with all IC107 & IC108  
 XX = IV, WH



**RCA Female-Female Module**  
**IC107R6GWH**  
 • Ideal for Home Theaters, High-Resolution Monitors, & Hi-Fi Surround Sound Systems.  
 • Red insert • White Only



**IC107BN2XX**  
**Cable Feedthrough Module**  
 • Fits any keystone style faceplate or surface box • 10-pack  
 XX = AL, GY, IV, WH



**IC107BNCXX**  
**BNC Module**  
 • 75Ω BNC-to-BNC  
 • Nickel plated  
 • Female-female  
 • Gold plated contact  
 XX = BK, IV, WH



**Clear Dust Cover**  
**ICACSDCICL 10-Pack**  
**ICACSDCVCL 100-Pack**  
 • Fills unused modules and ports to prevent dust and debris

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# PATCH PANELS



## Blank Patch Panels

**IC107BE241**  
**24-Port Blank Panel**

- Flush mount design • Designed to support the distribution of voice, data, audio, video and fiber optic applications
- Designed to fit all standard 19" racks and cabinets
- 1 rack mount space (RMS) • Accepts all IC107 **EZ** or **HD** modules



**IC107BP12V**  
**12-Port Vertical Blank Patch Panel**

- Designed to support the distribution of voice, data, audio, video and fiber optic applications
- Panel is configurable with HD style modular connectors only • Accepts all IC107 **HD** modules only
- 2-piece design; patch panel with 89U mounting bracket



**IC107BP241**  
**24-Port Blank Panel**

- Rack mounted reinforced steel panel with pre-numbered ports
- Designed to fit all standard 19" racks and cabinets
- 1 rack mount space (RMS)
- Accepts all IC107 **HD** modules only



**IC107BP481**  
**48-Port Blank Panel**

- Rack mounted reinforced steel panel with pre-numbered ports
- Designed to fit all standard 19" racks and cabinets
- 1 rack mount space (RMS)
- Accepts all IC107 **HD** modules only



**IC107BP482**  
**48-Port Blank Panel**

- Rack mounted reinforced steel panel with pre-numbered ports
- Designed to fit all standard 19" racks and cabinets
- 2 rack mount space (RMS)
- Accepts all IC107 **HD** modules only



**IC107BP8VB**  
**Flush Mount**  
**8-Port Vertical Blank Patch Panel**

- Designed to support the distribution of voice, data, audio, video and fiber optic applications
- Two-piece design; patch panel with 89U mounting bracket
- Accepts all IC107 **EZ** or **HD** modules



**IC110RM100 110-Type Blank Wiring Block**

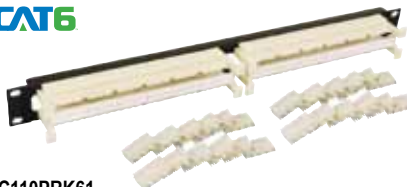
- Metal base with two 50-Pair 110 wiring blocks
- Supports voice and data applications
- Panel openings for rear cable access
- 1 rack mount space (RMS)



**CAT6**

**IC110PRK61**  
**96-Pair 110-Type CAT 6 Wiring Block**

- Metal base with two 50-Pair 110 wiring blocks
- Ideal for data and voice applications • 1RMS



**IC110RM200**  
**110-Type Blank Patch Panel Wiring Block**

- Metal base with two 100-Pair 110 wiring blocks
- Supports voice and data applications • 1RMS



**ICCMSHB1RS**  
**6" Hinged Bracket – 1RMS**

- Designed with a 6" depth suitable for mounting patch panels, cable managers, network routers & switches
- Allows easy access during and after the installation
- Ideal for installations with space restrictions
- Used with all ICC rack mount products



**ICCMSHB2RS**  
**6" Hinged Bracket – 2RMS**

- Designed with a 6" depth suitable for mounting patch panels, cable managers, network routers and switches
- Allows easy access during and after the installation
- Ideal for installations with space restrictions
- Used with all ICC rack mount products



**ICCMSHB4RS**  
**6" Hinged Bracket – 4RMS**

- Designed with a 6" depth suitable for mounting patch panels, cable managers, network routers and switches
- Allows easy access during and after the installation
- Ideal for installations with space restrictions
- Used with all ICC rack mount products



**ICCMSCMPB1 Blank Panel 1RMS**  
**ICCMSCMPB2 Blank Panel 2RMS**  
**ICCMSCMPB3 Blank Panel 3RMS**  
**ICCMSCMPB4 Blank Panel 4RMS**

- The blank panel fills the open space between system panels
- Gives racks or wall mount brackets a clean and professional look
- Includes #12-24 mounting screws • Fits all standard 19" racks and cabinets
- Used with all ICCMS racks and brackets



1RMS



2RMS



3RMS



4RMS



## Telco Patch Panels



- Voice 6P2C Patch Panels with Rear Telco Connectors**  
**ICMPP024T2** 24-Ports, active pins 3 and 4, 1 RMS
- Male 50-Pin Telco connectors on the rear
  - Fits standard 19" EIA rack widths
  - Package includes cable ties and #12 rack screws
  - Integrated male 50-pin Telco connector(s)
  - Ideal for KSU or PBX phone systems.



- Voice 6P2C Patch Panels with Rear Telco Connectors**  
**ICMPP048T2** 48-Ports, active pins 3 and 4, 2 RMS
- Male 50-Pin Telco connectors on the rear
  - Fits standard 19" EIA rack widths
  - Package includes cable ties and #12 rack screws
  - Integrated male 50-pin Telco connector(s)
  - Ideal for KSU or PBX phone systems.



- Voice 8P2C Patch Panels with Rear Telco Connectors**  
**ICMPP24TF2** 24-Ports, active pins 4 and 5, 1 RMS
- Female 50-Pin Telco connectors on the rear
  - Fits standard 19" EIA rack widths
  - Package includes cable ties and #12 rack screws
  - Integrated male 50-pin Telco connector(s)
  - Ideal for KSU or PBX phone systems.



- Voice 8P2C Patch Panels with Rear Telco Connectors**  
**ICMPP48TF2** 48-Ports, active pins 4 and 5, 2 RMS
- Female 50-Pin Telco connectors on the rear
  - Fits standard 19" EIA rack widths
  - Package includes cable ties and #12 rack screws
  - Integrated male 50-pin Telco connector(s)
  - Ideal for KSU or PBX phone systems.



- Voice 8P2C Patch Panels with Rear Telco Connectors**
- ICC's Telco-style 48-port patch panels consist of 2-wire RJ-45 USOC-wiring scheme are ideal for PBX phone systems. Each patch panel connects to 48 RJ-45 patch cords on the front and link phone system with 50-pin Telco connectors on the back. Each 50-pin male Telco connector comes with hook and loop ties that are seated in a socket to secure 25-pair cable for either 90 degrees or 180 degrees cable exits. Each patch panel also features front write-on labeling area for port identification.



- Voice 6P2C Patch Panels with Rear Telco Connectors**  
**ICMPPTF24** 24-port 6P2C Telco Patch Panel
- Rack mounted 6-position 2-conductor (RJ-11)
  - Telco patch panel provides voice connectivity applications
  - 1 rack mount space (RMS)
  - Integrated with one female 50-pin Telco connector on the rear
  - Designed to fit all standard 19" racks or cabinets



- Voice 6P2C Patch Panels with Rear Telco Connectors**  
**ICMPP024U6** 24-Ports, 6P6C, USOC wiring, 1RMS
- 6-position 6-conductor RJ-11
  - Rear 110-Type IDC termination reducing installation time
  - Color coded 110-Type connecting blocks
  - Works with 6P6C telephone line cords

- ICMPP48T2C** 48-Ports, active pins 4 and 5, 2 RMS
- Male 50-Pin Telco connectors on the rear
  - Fits standard 19" EIA rack widths
  - Package includes cable ties and #12 rack screws
  - Integrated male 50-pin Telco connector(s)
  - Ideal for KSU or PBX phone systems.

### ICMPPICSXX

#### Color Icons for Patch panels

- Color icons are designed to apply to any patch panel for easy system administration and station identification.
- There are 12 icons per tree

- XX = BL (Blue)
- GN (Green)
- RD (Red)
- WH (White)
- YL (Yellow)



# PATCH PANELS



## CAT 5e 12-Port Vertical Zero-U Patch Panels

- 2 piece design; patch panel with 89D mounting bracket
- Designed to mount on wall and distribution racks; uses no rack space • 10" h x 3.30" W x 2.40" D
- Package includes cable ties for cable management
- Includes both TIA-568A and TIA-568B color wiring diagrams



ICMPP12V5E CAT 5e, 12-Ports, 8P8C

## CAT 6 12-Port Vertical Zero-U Patch Panels

- 2 piece design; patch panel with 89D mounting bracket
- Designed to mount on wall and distribution racks; uses no rack space • 10" h x 3.30" W x 2.40" D
- Package includes cable ties for cable management
- Includes both TIA-568A and TIA-568B color wiring diagrams



ICMPP12V60 CAT 6, 12-Ports, 8P8C

## CAT 6 and CAT 5e 12-Port Front Access Zero-U Patch Panels

- Two-piece design; patch panel with removable cover
- Front access 110-Type IDC terminations
- Designed to mount on walls and distribution racks, uses no rack space
- Used with ICC CAT 5 and CAT 6 patch cords, ICACSPDT00 110 punch down tool, and ICCMSR19XX distribution rack



ICMPP12F6E CAT 6, 12-Ports, 8P8C, Front Access  
ICMPP12F5E CAT 5e, 12-Ports, 8P8C, Front Access



## CAT 6A 24 and 48 Port Patch Panels

- Vertical 110-Type IDC connections reduces potential Alien Crosstalk (ANXT)
- Enhanced crosstalk cancellation and reduced return loss
- Exceeds ANSI/TIA-568 CAT 6A (10G) requirements • T568A or T568B wiring
- 110-Type IDC termination • 50 micro inch gold plating • 19" rack compatible



ICMPP0246B CAT6A 24-Port Patch Panel  
ICMPP0486B CAT6A 48-Port Patch Panel

## CAT 6 and CAT 5e 24-Port Patch Panels

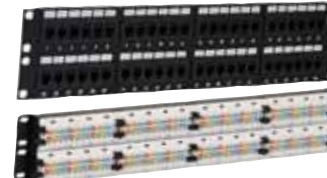
- Exceeds ANSI/TIA-568 Category 6 requirements
- Engineering to provide 110 IDC termination reducing installation time
- Enhanced crosstalk cancellation
- Fits standard 19" EIA rack mount width • 1 rack mount space (RMS)
- Package includes cable ties and #12 rack screws



ICMPP02460 CAT 6, 24-Ports, 8P8C, 1 RMS  
ICMPP0245E CAT 5e, 24-Ports, 8P8C, 1 RMS

## CAT 6 and CAT 5e 24-Port Patch Panels

- Exceeds ANSI/TIA-568 Category 6 requirements
- Engineering to provide 110 IDC termination reducing installation time
- Enhanced crosstalk cancellation
- Fits standard 19" EIA rack mount width • 2 rack mount space (RMS)
- Package includes cable ties and #12 rack screws



ICMPP04860 CAT 6, 48-Ports, 8P8C, 2RMS  
ICMPP0485E CAT 5e, 48-Ports, 8P8C, 2RMS



## 24-Port CAT 6A UTP Patch Panel

- Performance tested up to 7.3dB headroom at 500 MHz
- Panel comes with 24 CAT 6A UTP HD style modular connectors
- 50 micro-inch gold plated contacts
- Includes cable management bar, cable ties and #12 rack screws



ICMPP246AU

## CAT 6 and CAT 5e 48-Port Feed Through Patch Panels

- Reinforced steel panel with pre-numbered ports
- Flush mount design
- 48 ports in 1U of rack mount space
- Plug and play solution for easy installation
- Designed to fit standard 19" wide racks & cabinets
- Features RJ-45-to-RJ-45 connection on both sides of the patch panel



ICMPP48C51 CAT5e 48-Port Feed Through Patch Panel  
ICMPP48C61 CAT6 48-Port Feed Through Patch Panel

ICC's Category 5e feed-through patch panels are designed for quick field installation and to save installers punchdown time. The 24 and 48 ports feed-through patch panel coupling ports consist of RJ-45-to-RJ-45 connection on both sides, which allows quick patch cords connection without the need for punch down UTP wires on the patch panels. The High-Density 48 ports available in a 1U or rack mount space (RMS) and the standard 48-port consist of 2U or rack mount spaces (RMS). All patch panels are fully loaded with Category 5e modular couplers and tested to ensure compliant with ANSI/TIA-568 Category 5e and 6 performance standards.

## CAT 5e High Density Patch Panels with Feed Through Modular Couplers

- Eliminate punching down UTP wires to the patch panels • Quick installation, no punch down required
- Features RJ-45-to-RJ-45 connection on both sides of the patch panel • Designed to fit standard 19" wide racks and cabinets
- Rack mounted reinforced steel panel with pre-numbered ports • Flush mount design adds stability by allowing a rigid fit and a neat finished appearance
- Fully loaded with category 6 or 5e modular couplers and tested to ensure compliance with ANSI/TIA-568 performance standards

ICMPP24CP5 CAT 5e, 24-Ports, 8P8C, 1RMS  
ICMPP48CP5 CAT 5e, 48-Ports, 8P8C, 2RMS

## CAT 6A FTP Shielded Patch Panel Kit

- Performance tested up to 2.8dB headroom at 500 MHz • Accommodates ICC CAT 6A FTP modular connector
- Designed to minimize the alien crosstalk for 10G applications
- Panel comes with 24 CAT 6A FTP HD style modular connectors • 50 micro-inch gold plated contacts
- Pre-installed grounding studs • Includes cable management bar, cable ties and #12 rack screws

ICMPP246AS CAT 6A, 24-Ports, 1RMS





# PATCH PANELS

## ICCMSHB1RC Value Pack 6" Hinged Bracket

- 2-Pack-1 RMS
- Designed with a 6" depth
- Wall mountable and Ideal for installations with space restrictions • Designed with steel construction, black powder coated, light weight and sturdy



## ICCMSHB2RC Value Pack 6" Hinged Bracket

- 2-Pack-2 RMS
- Designed with a 6" depth
- Wall mountable and Ideal for installations with space restrictions • Designed with steel construction, black powder coated, light weight and sturdy



## ICCMSHB4RC Value Pack 6" Hinged Bracket

- 2-Pack-4 RMS
- Designed with a 6" depth
- Wall mountable and Ideal for installations with space restrictions • Designed with steel construction, black powder coated, light weight and sturdy



## ICMPP125EV Value Pack 6-Pack 12-Port Vertical CAT5e Patch Panel ICMPP1260V Value Pack 6-Pack 12-Port Vertical CAT6 Patch Panel

- Wall mounted patch panel
- Enhanced crosstalk cancellation reduces return loss
- Exceeds ANSI/TIA-568-C requirements
- Engineered to provide 110 IDC termination
- Backwards compatible to all lower rated categories



## ICMPP245EV Value Pack 6-Pack 24-Port CAT5e Patch Panel ICMPP2460V Value Pack 6-Pack 24-Port CAT6 Patch Panel

- Rack mounted patch panel
- Enhanced crosstalk cancellation reduces return loss
- Exceeds ANSI/TIA-568-C requirements
- Engineered to provide 110 IDC termination
- Backwards compatible to all lower rated categories



## ICMPP485EV Value Pack 6-Pack 48-Port CAT 5e Patch Panel ICMPP4860V Value Pack 6-Pack 48-Port CAT6 Patch Panel

- Rack mounted patch panel
- Enhanced crosstalk cancellation reduces return loss
- Exceeds ANSI/TIA-568-C requirements
- Engineered to provide 110 IDC termination
- Backwards compatible to all lower rated categories

### Blank Panels Value Packs

ICCMSCMPC1	12-Pack	1RMS	ICCMSCMPC2	12-Pack	2RMS
ICCMSCMPC3	6-Pack	3RMS	ICCMSCMPC4	6-Pack	4RMS

- Your choice of 1, 2, 3 or 4RMS blank panel multi-packs



## N050-012 CAT5e Vertical Patch Panel

- Cat5e • UL approved
- Ports clearly numbered both on front and back
- Labels on front enable each port to be named.
- Color coded label on back offers both EIA/TIA 568A & 568B wiring
- Metal frame • EIA/TIA 2/32 spacing • Includes mounting bracket

## N250-012 CAT6 Vertical Patch Panel

- Cat6 • UL approved
- Ports clearly numbered both on front and back
- Labels on front enable each port to be named.
- Color coded label on back offers both EIA/TIA 568A & 568B wiring
- Metal frame • EIA/TIA 2/32 spacing • Includes mounting bracket



## N052-024 24-Port CAT5e Horizontal Patch Panel

- Ports clearly numbered on front and back
- Labels on front enable each port to be named.
- Color coded label on back offers both EIA/TIA 568A & 568B wiring
- Metal frame • 1U rack mount • UL approved



## N250-048 48-Port CAT5e Horizontal Patch Panel

- Ports clearly numbered on front and back
- Labels on front enable each port to be named.
- Color coded label on back offers both EIA/TIA 568A & 568B wiring
- Metal frame • 2U rack mount • UL approved



## N252-012 12-Port CAT6 Horizontal Patch Panel

- Ports clearly numbered on front and back
- Labels on front enable each port to be named.
- Color coded label on back offers both EIA/TIA 568A & 568B wiring
- Metal frame • 1U rack mount • UL approved



## N252-048 48-Port CAT6 Horizontal Patch Panel

- Ports clearly numbered on front and back
- Labels on front enable each port to be named.
- Color coded label on back offers both EIA/TIA 568A & 568B wiring
- Metal frame • 2U rack mount • UL approved



## N48K-42MBL168-B 2U Breakout Fiber Patch Panel

- 50/125 Multimode
- 42 QSFP fiber switch ports and 168 LC ports
- Compatible with both QSFP+ 40GBASE-SR4 and QSFP28 100GBASE-SR4 connections • Lifetime limited warranty



## N482-01U 1U Fiber Enclosure Panel

- 5-Cassette Capacity
- 60 Duplex LC Ports (120 fiber connections)
- Supports: 10Gb, 40Gb, 100/120Gb
- Lifetime limited warranty



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**IC110CB4PC 100-Pack 4-Pair 110 Connecting Block**  
**IC110CB5PC 100-Pack 5-Pair 110 Connecting Block**

ICC's CAT 5e 4-Pair and 5-Pair 110 type connecting block, 100 Pack terminates 22-26 AWG solid or stranded wires. It is made to be used on 110 wiring blocks, color coded, and designed for repeated use.



- Designed for voice and data applications
- Performance exceeds Category 5e connecting hardware requirements specified in TIA/EIA-568-C.2
- Color coded and designed for repeated use
- Accepts 26-22 AWG solid or stranded wires
- Used with IC110 wiring blocks and IC110TC termination caps

**IC110WF100 100-Pair 110 Wiring Block with Feet**

Designed with legs providing more room behind the block to facilitate cable management.



- 100-pair
- CAT 5e Wall Mountable
- High density wall mounted cross connect system designed for voice and data applications
- Easy system administration with designation labels and label holders
- Used with IC110 CB connecting blocks, IC110 cable management blocks, ICACSPDT00 and ICACSPDT05 110 punch down tools

**IC110WF300 300-Pair 110 Wiring Block with Feet**

Designed with legs providing more room behind the block to facilitate cable management.



- 300-pair
- CAT 5e Wall Mountable
- High density wall mounted cross connect system designed for voice and data applications
- Easy system administration with designation labels and label holders
- Used with IC110 CB connecting blocks, IC110 cable management blocks, ICACSPDT00 and ICACSPDT05 110 punch down tools

**IC110WK966 CAT 6 96-Pair 110 Wiring Block Kit**

ICC new Cat 6 Rack & Wall Mountable 110-Cross Connect System provides a high performance solution for voice and data communications applications in a Telco room, MDF or IDF environments and ideal at a consolidation point.



- 96-pair
- CAT 6 Wall Mountable
- 110 Wiring Block with Feet
- 4-Pair connecting blocks, 24 ea.
- 2 ea. Label holder and 4 ea. designation labels
- Performance exceeds Category 6 connecting hardware requirements
- Easy system administration with designation labels and label holders
- Used with ICC's ICACSPDT00 110 punch down tools

**IC110W1004 CAT 5e 100-Pair 110 Wiring Block Kit**

Wiring kit provides all necessary components for 110 installations, simplifying the ordering process and the overall installation. It is designed to support 110-type voice and high-speed data applications and is provided with the connecting blocks needed for termination.



- 100-pair
- CAT 5e Wall Mountable
- 110 Wiring Block with Feet
- 4-Pair connecting blocks, 20 ea.
- 4 ea. Label holder and designation labels
- Performance exceeds Category 5e connecting hardware requirements
- Used with IC110 cable management blocks, ICACSPDT00 and ICACSPDT05 110 punch down tools.

**IC110W3004 CAT 5e 300-Pair 110 Wiring Block Kit**

Wiring kit provides all necessary components for 110 installations, simplifying the ordering process and the overall installation. It is designed to support 110-type voice and high-speed data applications and is provided with the connecting blocks needed for termination.



- 300-pair
- CAT 5e Wall Mountable
- 110 Wiring Block with Feet
- 12 ea. Label holder and designation labels
- Includes 60 4-pair & 12 5-pair connecting blocks, labels and label holders, and a wiring block.
- Performance exceeds Category 5e requirements
- Used with IC110 cable management blocks, ICACSPDT00 and ICACSPDT05 110 punch down tools.

**ICACSWDS10**

**110 Cable Spool Without Screw**

- Designed to retain and guide cables
- Made of durable plastic
- 10 pieces per pack



**ICACSWDS20**

**110 Cable Spool With Screw**

- Designed to retain and guide cables
- Comes with a built-in wood screw for wall mounting
- Made of durable plastic • 10 pieces per pack



**IC110LHLDR**

**110 Wiring Label Holder**

- Apply to wiring blocks for easy labeling and circuit identification.
- Easy system administration with IC110LBL color labels.
- Used with IC110 wiring block.
- 6 pieces per pack



**IC066NB050**  
**66 Wiring Block**  
**Without Bracket**

- Designed for voice applications
- High impact flame retardant material
- Works with IC066BRCLP 66 wiring block bridging clips, labeling strips and cover
- Wall mountable with optional 89B wall mount bracket



**IC06628P8C**  
**66 Wiring Block**  
**with**  
**12-Port / RJ45**  
**(8P8C) Jacks**

- Includes 89D mounting bracket for wall mounting.
- Removable hinged cover provided.
- Accepts 22~24 AWG.
- Dimensions: 10" H x 3.30" W x 3.00" D



**IC066SFT25**  
**CAT 5e 66 Wiring Block with Single Female**  
**Prewired Amphenol Connector**

- High impact flame retardant material
- Includes 89D mounting bracket for wall mounting • Accepts 22~26 AWG
- Removable hinged cover provided
- 10" H x 3.30" W x 3.00" D



**IC066DFT50**  
**CAT 5e 66 Wiring Block with Dual Female**  
**Prewired Amphenol Connectors**

- High impact flame retardant material
- Includes 89D mounting bracket for wall mounting • Accepts 22~26 AWG
- Removable hinged cover provided
- 10" H x 3.30" W x 3.00" D



**IC066NBC50**  
**50-Pair 66 Wiring Block 25-Pack**

- Designed for voice applications
- High impact flame retardant material
- Works with IC066BRCLP 66 wiring block bridging clips, labeling strips and cover
- Wall mountable with optional 89B wall mount bracket



**ICMB89B0WH**  
**89B Mounting Bracket**

- Designed for wall mounting
- Compatible with blank 66 wiring blocks
- Dimensions: 10" H x 3.30" W x 1.90" D
- UL listed



**ICMB89U0WH**  
**Universal Wall Mounting Bracket**

- Compatible with vertical patch panels and 66 wiring blocks
- Provides a deeper cable channel
- Dimensions: 10" H x 3.30" W x 2.35" D
- UL listed



**ICMB89D0WH**  
**89D Mounting Bracket**

- Designed to wall mount USOC vertical patch panels and vertical blank patch panels
- Dimensions: 10" H x 3.30" W x 1.90" D
- UL listed



**ICMB89BCWH**  
**89B Mounting Bracket 25-Pack**

- Designed for wall mounting
- Compatible with blank 66 wiring blocks
- Dimensions: 10" H x 3.30" W x 1.90" D
- UL listed

**IC066CV050**  
**Clear 66 Block Cover**

The 66 Wiring Block Cover protects terminated wires from dust and debris. It has a clear finish to provide easy system administration.



- Clear cover protects terminations
- Provides clean appearance
- Snaps on for convenience

**IC066BRCLP**  
**Bridging Clips**

66 Wiring Block Bridging Clips electrically interconnect adjacent terminals, within the same row, on 66 wiring blocks. The one-half inch long clip consists of a spring metal strip that forms a U shape allowing quick and easy insertion over the terminals of the block.



- Tin plated phosphor bronze
- 100 pieces per bag

**IC110TC450**  
**Termination Cap**



- 2-Pair
- Used with IC110CB connecting blocks
- Sold in bags of 50 only

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# BLOCKS and BRACKETS









## Category 3 25 Pair Telco Assemblies

- CAT3 25 Pair, UTP cable • Tyco Champ 50 position RJ21 connectors
- Machine terminations • High profile and 180° hoods available
- Fully BAA and TAA compliant • Gray Color • PVC
- 100% tested and backed by a lifetime warranty.
- Plenum jacket available • Available in shielded • Available in custom lengths





Length	Male-Female	Male-Male	Female-Female
5-Feet	25PC5L3	25PP5L3	25CC5L3
10-Feet	25PC10L3	25PP10L3	25CC10L3
15-Feet	25PC15L3	25PP15L3	25CC15L3
25-Feet	25PC25L3	25PP25L3	25CC25L3
50-Feet	25PC50L3	25PP50L3	25CC50L3
100-Feet	25PC100L3	25PP100L3	25CC100L3



Available as Plenum Rated and/or CAT5E. Custom lengths available by special order. Call for details.

 <p><b>H86U812L3010</b> Similar to NEC 808920/670535 but 10-feet long</p> <ul style="list-style-type: none"> <li>• 6 Modular RJ45 to 25-Pair Cable</li> </ul>	<p><b>031709-97</b> Orange hinged cover for 66 block</p> 	<p><b>L-66DS2BF-07-GY</b> Pre-terminated 66 block with: (6) 7-foot cables with RJ-45s, terminated to the right side of the block and exiting from the bottom</p> 	 <p><b>L-66DS2-7FTGY</b> Pre-terminated 66 block with: (6) 7-foot cables with RJ-45s</p>
	<p><b>25PRGCM</b> Male/Male Amphenol Gender Mender</p> 	<p><b>Amphenol Connectors</b> <b>2299121-0</b> Male <b>2299131-0</b> Female</p> 	

  <p><b>A183C1 Backboard with 2 89D Brackets</b></p> <ul style="list-style-type: none"> <li>• 100-pair Capacity Backboard with Brackets</li> <li>• Blue backboard</li> </ul>	 <p><b>66M1-50-C5 66 Block</b></p> <ul style="list-style-type: none"> <li>• 4x50</li> <li>• 50-pair</li> <li>• 2-clip</li> <li>• CAT5e</li> <li>• Comes with clear cover</li> </ul>	 <p><b>89D Mounting Bracket</b></p> <ul style="list-style-type: none"> <li>• Mounting bracket for use with 66M1-25 and 66M1-50 connecting blocks</li> </ul>	 <p><b>A89B Mounting Bracket</b></p> <ul style="list-style-type: none"> <li>• Mounting bracket for use with 66M1-25 and 66M1-50 connecting blocks</li> </ul>

 <p><b>S66M1-50 66 Block</b></p>	 <p><b>S89D Mounting Bracket</b></p> <ul style="list-style-type: none"> <li>• Mounting bracket for use with Siemon S66M1-50 connecting blocks</li> </ul>	 <p><b>SA66B4-3</b> Field-Terminated B Series S66 Block</p> <ul style="list-style-type: none"> <li>• 3-pair 6 x 6</li> <li>• 2.4"H x 2.8"W x 1.2"D</li> </ul>	 <p><b>S66M1-50R</b></p> <ul style="list-style-type: none"> <li>• One Female 25-pair connector with block cover</li> </ul> <p><b>S66M1-50RM</b></p> <ul style="list-style-type: none"> <li>• 66 Block with 89D bracket and orange hinged cover</li> <li>• Male amphenol connector</li> </ul> <p><b>S66M1-50RM CASE (20-Pack)</b></p> <ul style="list-style-type: none"> <li>• 66 Block with 89D bracket and orange hinged cover</li> <li>• Male amphenol connector • 20-Pack</li> </ul>



## SAVE TIME and MONEY WITH ICC VALUE-PACKS



**IC1076FVWH HD Style**  
**Voice Grade Modular Jacks - White**

- 400-Pack • RJ-11 keystone jacks
- 6-position 6-conductor (6P6C)
- Includes **FREE ICACSPDTEH** termination tool



**IC1076VVWH EZ Style**  
**Voice Grade Modular Jacks - White**

- 400-Pack • RJ-11 keystone jacks
- 6-position 6-conductor (6P6C)
- Includes **FREE ICACSPDTEH** termination tool



**IC107E5VXX**  
**CAT5E EZ Module - Blue**

- 400-Pack • RJ-45 keystone jacks
- 8-position 8-conductor (8P8C)
- Includes **FREE ICACSPDTEH** termination tool



**IC107F5VXX**  
**CAT5E HD Module - Blue**

- 400-Pack • RJ-45 keystone jacks
- 8-position 8-conductor (8P8C)
- Includes **FREE ICACSPDTEH** termination tool



**IC107L6VXX**  
**CAT6 EZ Module - Blue**

- 400-Pack • RJ-45 keystone jacks
- 8-position 8-conductor (8P8C)
- Includes **FREE ICACSPDTEH** termination tool



**IC107F6VXX**  
**CAT6 HD Module - Blue**

- 400-Pack • RJ-45 keystone jacks
- 8-position 8-conductor (8P8C)
- Includes **FREE ICACSPDTEH** termination tool



**CAT6**



**IC1076FVWH**  
**CAT6 HD Jacks**  
**White Only**

- 400-Pack • RJ-45 keystone jacks
- 8-position 8-conductor 8P8C)
- Includes **FREE ICACSPDTEH** termination tool



**IC066NBC50**  
**50-Pair 66 Wiring Block 25-Pack**

- Designed for voice applications
- High impact flame retardant material
- Works with IC066BRCLP 66 wiring block bridging clips, labeling strips and cover
- Wall mountable with optional 89B wall mount bracket



**ICMB89BCWH**  
**89B Mounting Bracket 25-Pack**

- Designed for wall mounting
- Compatible with blank 66 wiring blocks
- Dimensions: 10" H x 3.30" W x 1.90" D
- UL listed



**IC107BC1XX**  
 1-Port Surface Mount Box - **25-Pack**

**IC107BC2XX**  
 2-Port Surface Mount Box - **25-Pack**

- 25 Piece Convenience Package
- Multiple mounting options with adhesive backings and screws
- Recessed areas for ID labels
- Accommodates a wide variety of easy to snap-in modules.
- XX = IV, WH

**ICC Offers a Wide Variety of Time and Money Saving Value-Packs Across Their Entire Line.**

**Call Your Target Sales Rep Today to Find Out If Your Favorite ICC Solution is Available in a Multi-Piece Value-Pack!**





## TELHORNS

The Series UTA Universal Telephone alerts are designed to alert individuals of telephone rings in high noise environments. The UTA is available with and without strobe.

**UTA-1 (L)** Telhorn  
**UTA-WH-VPS (R)** Telhorn/Strobe  
 AC required via screw terminals

Features include:

- Tamper resistant volume control
- **Works with most telephone systems**
- Easy dip-switch selection
- High dBA (109 dB)/low current draw & REN

**Sounds:** Horn, Bell, Vibrating Chime, Single Chime

**Voltages:** 24VDC, 24VAC, 48VDC and 90VRMS/20Hz



## SP40S SAFEPATH Voice Evacuation System

Eaton's SAFEPATH Voice Evacuation System (SP40S) is a supervised In-Building Emergency Communications System with 24 VDC battery backup. The multi-use system can function as an evacuation system, emergency messaging system, paging system, employee notification system and a background music system per NFPA 72 Combination Systems. The Individual Building System provides full control of building notification appliances such as loudspeakers and strobe lights.

- 40 watts supervised audio power • Speaker Outputs: 25V or 70.7V power limited
- Contact closure message activation • Dimensions: 21"H x 16" W x 6" D • Weight: 36lbs. (without batteries)
- Finish: Red or black enclosure • Door Lock: Key lock • Compatible with all Wheelock power supply, speakers, strobes, clusters

### Accessories

**SP-APS** Addressable Paging Splitter    **SP4-TZC** Telephone Zone Controller  
**SPRM** Remote Microphone            **SP-SVC** Supervised Volume Control  
**SP-SAC** Speaker Audio Splitter      **BAT** Battery Kits  
**SPB** Audio Booster Kits

**CALL FOR COMPLETE SPECIFICATIONS AND CONFIGURATION DETAILS**



**SR100 #55173.000**

### Super Loud Ringer

The Clarity Super Loud Phone Ringer is ideal for use in the home, the office or while traveling so you will never miss a call.

- Super loud telephone ringer (95 decibels)
- Adjustable ring volume • 90V ring
- Adjustable ring tone control (250-1200Hz)
- Dual modular phone jacks for easy connection



**SR200 #75180.000**

### Super Loud Ringer

- Super loud telephone ringer (95+ decibels)
- Visual ring indicator
- Adjustable ring volume
- Adjustable ring tone control (250-1200Hz)
- Choice of four distinct ring patterns • 90V ring
- Dual modular phone jacks for easy connection



### FT-793 Phone Strobe Flasher

- Flashes when the phone rings • 90V ring
- Great for noisy areas or the hearing impaired

## VIKING



### LPR-1

- Auxilliary electronic ringer
- Operates on any analog line that provides at least 40 volts 20-30 Hz AC ring voltage
- Nominal 3KHz warble
- Volume control
- Connects via modular cord or screw terminals
- Line powered



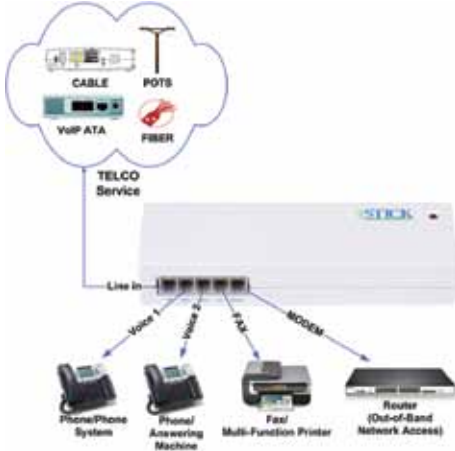
### SR-1

- Loud ringing from analog line or dry contact closure
- Four ringing sounds: Electronic warble, Double gong, Quadruple chime and Electronic Bell
- AC adapter provided

## The Stick STK29112 4-Port Line Sharing Device

The Stick automatically screens and routes all incoming voice, fax, and modem calls to the right equipment every time so there is no need for multiple costly phone lines. Other features, like DSL & Caller ID compatibility, surge protection, barge-in protection, and Bell Spec ring back tones have made The Stick a favorite with professional installers for over 27 years.

- Saves money by eliminating unnecessary phone lines
- Automatically directs calls to phone, fax, modems for network support service ports
- Works with phone service including POTS, Cable, VoIP, and Fiber
- Fully programmable; CID and DSL compatible



### Applications

- Out-of-Band Network Access
- Energy Management Controls
- Point-of-Sale System Integration
- Submetering
- Lighting Controls
- Modem Polling
- Fuel Tank Monitoring
- Automated Meter Reading
- Small/Home Office
- Service Port Access
- Remote Equipment Maintenance

### Need More Business Class Features?

#### Try the ACP Series 2.0 Industrial Line Sharing Switch

- Internal busy signal for device ports
- Caller ID "Store & Forward"
- Multiple Line Seizure Ports
- Hacker Shield Protection
- LED Status Display
- Data Disruption Protection
- Remote Programming
- Three models: ACP-300 / ACP-500 / ACP-900

## SR-3 Selective Ring Line Sharing Device



### Key Features

- Plug 'N' Play Installation
- Automatic Routing
- Barge-In Protection
- Compatible with Telco Features: Works with Voice Mail, Call Forwarding, Call Waiting, Caller ID, TTY/TDD.
- Line-in-Use LED Indicator
- One year Warranty

The SR-3 Selective Ring Router is a passive line-sharing device that routes incoming phone (POTS) calls based on the "selective ring" service from the local telephone company. This call switch can be used with any Selective or Distinctive Ring Service offered by local telephone companies in North America. The SR-3 will route inbound calls to the appropriate device based on the ring cadence of each distinctive ring number. The SR-3 routes up to three numbers per line.

The SR-3 saves money by eliminating unnecessary phone lines. It installs on a standard POTS line and does not go "off hook" to screen but routes to the appropriate port based on the signature ring pattern for each phone number assigned to a single phone line. The primary phone number routes to port one, secondary number to port two, etc. Multi-Link's "Smartware™" technology eliminates any user programming by automatically learning the ring cadence. Operation is totally automatic. The barge-in protection feature is optional. Outbound calls are processed in the normal fashion.

A perfect application example would be a home office scenario for a real estate or insurance field agent. A primary landline number would be routed to the business phone, a second number for a fax, and the third number could be the residential line. Inbound calls would be routed straight to the right device, and the other phones would remain silent. The barge-in protection feature makes sure all calls are kept private with no interruptions.

# VIKING

## FAXJ-1000 4-Port Fax Switch

- Allows any 4 analog devices to share a single line
- Routes calls via CNG tone, distinctive ring, or DTMF sent by calling device or manually
- Provides realistic ring-back tones
- Automatic "privacy" eliminates interruptions
- All in & outbound calls are routed to the phone port during a power failure



## LSD-2 Smart Line Sharing Device with Inbound Switching Capability

- Routes both incoming and outgoing calls
- Gives priority to Emergency devices
- Can store up to 12 Caller ID numbers
- Rings busy when Emergency device is in use
- Incoming calls routed to one of two ports by Caller ID, Distinctive Ring or Quick Call Back



# KONEXX

## Konference-10910 Direct Phone Interface

- Digital to Analog Converter • Works with virtually any conference unit or direct connect speakerphone
- Connects to any standard teleconferencing unit RJ-11 jack • Requires telephone with modular handset
- Powered by AC adapter (included) **Konexx products cannot be returned to Target. Factory service only.**



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## QUALITY DATA CABLES TO KEEP YOU PROPERLY CONNECTED

### CAT5e Patch Cables

All Lynn Electronics CAT5e patch cables are compliant with EIA/TIA 568B standards. Cat5e/350Mhz patch cords comply with ANSI/TIA-568-B.2.

- 24 AWG 4 Pair UTP CM rated cable • Ultra flexible stranded conductors
- Sturdy, richly colored PVC Jacket
- High Performance CAT5 RJ45 plug with gold plated contacts
- Slimline strain relief boot or bubble boot as an optional add on
- All components are compliant with EIA/TIA 568B standards

### ECAT5-4PR-WW-XX-B **Molded Slim Boot Design**

### ECAT5-4PR-WW-XX **Non-Booted Design**

**WW** = 06IN (6 in.), 01, 02, 03, 05, 07, 10, 14, 15, 16, 20, 25, 35, 50 and 100-foot lengths

**XX** = Black (BK), Blue (BL), Gray (GY), Green (GN), Orange (OR), Pink (PK) with clear boot, Purple (PU), Red (RD), White (WH) and Yellow (YL)

### CAT6 Patch Cables

Lynn Electronics' Channel Compliant CAT6 patch cables are cost effective solution for typical CAT6 channel applications. All of our stock cables are manufactured in our modern ISO 9001:2000 facility by highly trained and skilled technicians employing advanced equipment & procedures.

- 24 AWG 4 Pair UTP CM rated cable
- Ultra flexible stranded conductors
- Sturdy, richly colored PVC Jacket
- High Performance CAT6 RJ45 plug with gold plated contacts
- Slimline strain relief boot or bubble boot as an optional add on
- All components are compliant with EIA/TIA 568B standards

### CAT6-WW-XXB **Molded Slim Boot Design**

**WW** = 6-inch, 18-inch 01, 02, 03, 04, 05, 07, 10, 14, 15, 20, 25 and 50-foot lengths

**XX** = Black (BK), Blue (BL), Gray (GY), Green (GN), Orange (OR), Pink (PK) with clear boot, Purple (PU), Red (RD), White (WH) and Yellow (YL)

### CAT6-WW-XX **Non-Booted Design**

**WW** = 6-inch, 18-inch 01, 02, 03, 04, 05, 07, 10, 14, 15, 20, 25 and 50-foot lengths

**XX** = Black (BK), Blue (BL), Gray (GY), Green (GN), Orange (OR), Pink (PK) with clear boot, Purple (PU), Red (RD), White (WH) and Yellow (YL)

### CAT6A-WW-XXB **Molded Slim Boot Design**

**WW** = 6-inch, 01, 02, 03, 05, 07, 10, 14, 15, 20, 25-foot lengths

**XX** = Black (BK), Blue (BL), Gray (GY), Green (GN), Orange (OR), Pink (PK) with clear boot, Purple (PU), Red (RD), White (WH) and Yellow (YL)

### T14545X-10F

CAT3 Gray **Shielded**  
RJ48C T1 Cross-over Cable  
(RJ45 M/M)

- 10-foot length
- Connects your T1 CSU/DSU



### ECAT5-T1X-25-GY

CAT5e Gray  
RJ48C T1 Cross-over Cable  
(RJ45 M/M)

- 25-foot length
- Connects your T1 CSU/DSU



### ECAT5-4PR-07RDXB

CAT5e Red  
Cross-over Cable  
(RJ45 M/M)

- 7-foot length
- Connects two computers together



### CAT6 and 6A Shielded Cables

For use in high-noise environments where shielding is mandatory. Stranded 26awg (7x32) bare copper, four twisted pair with aluminum mylar foil shield, plus drain wire. Category 6 shielded modular plug with snag-free strain relief. Meets Category 6 specifications; tested to 550MHz.



### CAT6SH-WW-XXB

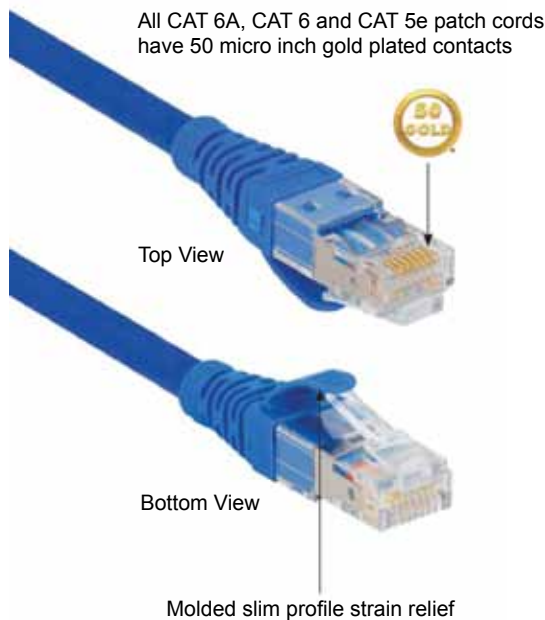
### **Shielded Booted Design**

**WW** = 6-inch, 01, 02, 03, 05, 07, 10, 14, 25, 40, 50 & 100-foot lengths

**XX** = Black (BK), Blue (BL), Gray (GY), Green (GN), Orange (OR), Pink (PK) with clear boot, Purple (PU), Red (RD), White (WH) and Yellow (YL)



## QUALITY DATA CABLES TO KEEP YOU PROPERLY CONNECTED



**CAT5<sup>e</sup>**  
**CAT6**



**ICPCSCXXBL**      **CAT 5e Molded Patch Cord 25-Pack**  
**ICPCSDXXBL**      **CAT 6 Molded Patch Cord 25-Pack**

- Flexible snagless boots help maintain proper bend radius
  - Slim boots fit between narrow port spacing for easy handling
  - Convenience 25 pcs./pack ideal for small to large projects
  - 100% factory tested, 50 Micro inch gold plated contacts
  - Backwards compatible with lower rated category components
  - Available in blue only
- XX = 01, 03, 05, 07, 10 (Length)

**CAT6<sup>a</sup>**

**Category 6A Patch Cords**      **Slim Boot Design for High Density Applications**  
**ICPCSGXXYY**

- Component rated CAT 6A patch cords assuring high signal quality, minimal cross talk and return loss, and minimizing alien crosstalk
  - Supports 10GbE bandwidth
  - Shielded construction reduces EMI/RFI interference
  - Compatible with lower Category 6 and 5e for U/FTP or Shielded Cabling System
- XX = 03, 05, 07, 10, 15 (Length)    YY = BK, BL, WH, YL (Color)



**CAT5<sup>e</sup>**

**Category 5e Patch Cords**      **Slim Boot Design for High Density Applications**  
**ICPCSJXXYY**

- Performance, Design, and Value.
  - 100 % Factory Tested , 50 Micro Inch Gold plated contacts
  - Component-rated and exceeds ANSI/TIA-568 channel performance
  - Ultra Slim Low Profile boots for high density applications, no width wasted on boot.
  - Backwards compatible to all lower rated category components.
  - Constructed with (Ultra Flexible, Snag Free Molded Strain relief)
  - Stranded bare 24 AWG copper wire (No substandard tinned copper materials used)
  - Safety: UL listed with 94V-0 rated plugs, CSA, CMG, FT4 Flame rated
- XX = 01, 03, 05, 07, 10, 14, 25 (Length)  
YY = BK, BL, GY, GN, OR, RD, WH, YL (Color)



**CAT6**

**Category 6 Patch Cords**      **Slim Boot Design for High Density Applications**  
**ICPCSKXXYY**

- Performance, Design, and Value.
  - 100 % Factory Tested , 50 Micro Inch Gold plated contacts
  - Component-rated and exceeds ANSI/TIA-568 channel performance
  - Ultra Slim Low Profile boots for high density applications, no width wasted on boot.
  - Backwards compatible to all lower rated category components.
  - Constructed with (Ultra Flexible, EZ release, Snag Free Molded Strain relief)
  - Stranded bare 24 AWG copper wire
  - Safety: UL listed with 94V-0 rated plugs, CSA, CMG, FT4 Flame rated
- XX = 01, 03, 05, 07, 10, 14, 25 (Length)  
YY = BK, BL, GY, GN, OR, RD, WH, YL (Color)



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## FREE STANDING and WALL MOUNT RACKS

### ICCMSR1984 7-Foot Distribution Rack

- 45 RMS • RMU markings

### ICCMSR1972 6-Foot Distribution Rack

- 38 RMS • RMU markings

### ICCMSR1948 4-Foot Distribution Rack

- 24 RMS • RMU markings

- Designed with aluminum construction, black powder coated
- Used with all of ICC's rack mount products
- Printed rack mount space numbering for easy installation.
- Installation instructions included
- Supports up to 750 lbs. when properly loaded and floor anchored



### ICCMSR4P84 4-Post 7-Foot Distribution Rack

- Designed with 9 AWG aluminum construction, black powder coated, lightweight and sturdy, making it ideal for installing voice and data equipment such as patch panels, active components, shelves, drawers, and cable management products.
- Adjustable from 27" minimum to 32" maximum depth
- Provides 45 rack mount spaces (RMS) on front and rear side for mounting different types of equipment
- Compatible with ICC's Rack Floor Mount Kit (ICCMSRFLKT)
- Additional racks can be ganged on the sides if necessary
- Printed rack mount spec numbering for easy installation
- Used with all of ICC's rack mount products
- Supports up to 1500 lbs. when properly loaded and floor anchored



### ICCMSMRH7 7-Foot Cable Management Rack

- Designed with aluminum and steel construction
- Accommodates virtually all standard 19" rack mount products regardless of their depth and is well suited for areas where floor or wall space is at a premium
- Built with cable channels along both sides of the rack to manage and conceal bulk cable vertically along the inside of the rack
- 44 rack mount spaces (RMS) marking for easy alignment of equipment when mounting
- Used with all of ICC's rack mount products
- Supports up to 1000 lbs. when properly loaded and floor anchored



### ICCMSWMUR5 Wall Mount Utility Rack

- This cost effective and flexible wall mount rack allows rack mount equipment to be installed almost anywhere. Accommodates virtually any network equipment regardless of its depth and is well suited for areas where floor or wall space is at a premium
- Designed with steel construction, black powder coated, light weight and sturdy
  - Supports over 75 pounds of equipment
  - Accommodates virtually all standard 19" rack mount products regardless of their depth, and is well-suited for areas where floor or wall space is at a premium
  - 5 rack mount space (RMS)
  - Used with all ICC rack mount products



### ICCMSWMR30 Wall Mount Rack

- 30 RMS

### ICCMSWMR15 Wall Mount Rack

- 15 RMS

### ICCMSWMR08 Wall Mount Rack

- 8 RMS

- Designed with durable steel construction, black textured powder coated
- Supports up to 125 pounds of equipment
- 18" depth making it ideal for installing voice and data equipment
- Ideal for large data and telecom installations where space limitations prohibit the use of floor mount racks • Used with all ICC rack mount products



### ICCMSFR25 Wall Mount Swing Frame

- 25 RMS

### ICCMSFR12 Wall Mount Swing Frame

- 12 RMS

- Designed with durable steel construction, black textured powder coated
- Supports up to 85 pounds of equipment
- 18" depth making it ideal for installing voice and data equipment
- Standard 19" rack mount width
- Reversible installation allows the gate to swing left or right after installation providing easy access to equipment
- Ideal for installations with space limitations
- Cable anchor points in the rear for cable ties and straps



### ICCMSWMP12 Wall Mount Enclosure

- 12 RMS with Plexiglas door

### ICCMSWMP26 Wall Mount Enclosure

- 26 RMS with Plexiglas door

- Shatter resistance clear plexiglass front window
- Vented top and bottom side panels
- 24" useable depth for 19" wide equipment
- Supports up to 150 lbs. when properly secured
- Top and bottom knock outs for cable entry and exit
- Adjustable internal vertical mounting rails
- Front door is removable/reversible
- Lockable for added security • Fully assembled for quick installation



### Wall Mount Vertical Hinged Bracket

- ICMSVHB18 • 8 RMS • 18" deep

- ICMSVHB08 • 8 RMS • 12" deep

- ICMSVHB06 • 6 RMS • 12" deep

The wall mount vertical hinged bracket is ideal for wall-mounting patch panels, hubs, routers, switches and other networking equipment. The bracket offers rear access which facilitates punching down and simplifies installations.

- Designed with durable steel construction, black textured powder coated
- Supports up to 85 pounds of equipment
- Allows easy access during and after the installation
- Used with ICC rack mount products



### ICCMSWMC12 Wall Mount Enclosure Cabinet

- 12 RMS • Measures 22" W x 24" H x 26" D

### ICCMSWMC26 Wall Mount Enclosure Cabinet

- 26 RMS • Measures 22" W x 48" H x 26" D

- Vented top and bottom side panels • Supports up to 150 lbs.
- Top and bottom knock outs for cable entry and exit
- Adjustable internal vertical mounting rails
- Front door is removable/reversible
- Lockable for added security
- Dual hinge swing unit provides access to rear of equipment • Fully assembled for quick installation



SHIP VIA FREIGHT TRUCK ONLY, ON PALLET





**ICCMSCMA84**  
Vertical Finger Duct  
• 4" X 5" X 78" Front Only  
• Flat Mount



**ICCMSCMA83**  
Vertical Finger Duct  
• 4" X 5" X 78" Side Mount  
• Front and Rear



**ICCMSCMA82**  
Vertical Finger Duct  
• 4" X 5" X 78" Center Mount  
• Front and Rear



**ICCMSCMA81**  
Vertical Finger Duct  
• 4" X 5" X 78" Side Mount  
• Front Only



**ICCMSCMA23**  
Vertical Finger Duct  
• 4" X 5" X 35"  
• Double Sided



**ICCMSCMA21**  
Vertical Finger Duct  
• 4" X 5" X 35"  
• One Sided • Front Only



**ICRWL226BK - Black**  
**ICRWL226WH - White**  
Slotted Wiring Duct  
• Pre-drilled mounting holes  
• 6-foot length, 2"x2"



**ICRWS226GY - Gray**  
**ICRWS226WH - White**  
Solid Wiring Duct  
• Pre-drilled mounting holes  
• 6-foot length, 2"x2"



**ICCMSCMLC**  
"L" Cable Bracket  
• Includes #12-24 mounting screws  
• 25-pack



**ICCMSC40BK**  
40" Vertical Cable Management Channel with Plastic Cover in 4 Pack  
• Steel construction with a black, textured and powder-coated finish.  
• Cable tie points are designed within the channel.  
• Snap-on covers are included to conceal cables.  
• Works with 2-post and 4-post distribution racks  
• 4-pack



**ICCMRFLKT**  
Rack Mount Floor Kit  
• For Concrete floors



**Rack Screws**  
**ICACSS01BK**  
• #12-24 X 5/8, 25 Pack



**ICACSGKS00**  
Grounding Kit  
• For 14 - 6 gauge wires



**ICCMSCMA73**  
2-Pack Vertical Cable Management Finger Duct Panel and Cover  
• Comes with two different mounting brackets  
• Fits on the sides of individual racks  
• Includes a cover to conceal routed cables  
• Compatible with ICCMSR1984, ICCMCMRH7 2-Post & ICCMSR4P84 4-Post Distribution Racks.



**ICCMSCMPT1**  
Universal Cable Management Ring  
• Single 1.70 • Plastic  
• 10-pack



**ICCMSCMPV7**  
Cable Management Ring  
• Single 3.0  
• With mounting screws  
• 10-pack



**ICCMSCFCMC3**  
0U Front Cable Management Panel  
• 6-pack • 3" deep  
**ICCMSCRCMC5**  
0U Rear Cable Management Panel  
• 6-pack • 5" deep

### 6-Inch Deep Hinged Brackets

**ICCM SABR62**  
• 2 RMS • 20 lb. capacity  
**ICCM SABR64**  
• 4 RMS • 40 lb. capacity  
**ICCM SABR66**  
• 6 RMS • 60 lb. capacity  
**ICCM SABR68**  
• 8 RMS • 80 lb. capacity



- Designed with steel construction with black powder coating
- Designed with a 6" depth making it ideal for installing voice and data equipment such as patch panels, light weight active components, shelves, drawers, and cable management products creating an organized system
- Up to rated weight capacity for each model shown at left when properly secured to the wall
- Divided hinge allows easy access for upgrades and maintenance
- Ideal for installations with space restrictions
- Compatible with EZFOLD enclosure kit ICCMSABRSC



**ICCM SABRSC**  
ES Fold Wall Mount Bracket Enclosure Kit  
• Compatible with the EZ Fold Hinged Brackets shown at right  
• Two pieces for top and bottom covers  
• Keeps dust out

### 15-Inch Deep Hinged Brackets

**ICCM SABRS2**  
• 2 RMS • 30 lb. capacity  
**ICCM SABRS4**  
• 4 RMS • 30 lb. capacity  
**ICCM SABRS6**  
• 6 RMS • 30 lb. capacity  
**ICCM SABRS8**  
• 8 RMS • 30 lb. capacity



- Designed with steel construction with black powder coating
- Designed with a 15" depth making it ideal for installing voice and data equipment such as patch panels, light weight active components, shelves, drawers, and cable management products creating an organized system
- Up to rated weight capacity for each model shown at left when properly secured to the wall
- Divided hinge allows easy access for upgrades and maintenance
- Ideal for installations with space restrictions
- Compatible with EZFOLD enclosure kit ICCMSABRSC

**CALL FOR CONTRACT AND QUANTITY PRICING**

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 <p><b>ICCMSRSF10 10" Rack Shelf</b></p> <ul style="list-style-type: none"> <li>• 10" Deep Single, 2 RMS</li> <li>• Supports up to 75 lbs. load capacity</li> <li>• Designed to fit standard 19" racks and cabinets</li> </ul>	 <p><b>ICCMSRSF15 15" Rack Shelf</b></p> <ul style="list-style-type: none"> <li>• 15" Deep Single, 3 RMS</li> <li>• Supports up to 75 lbs. load capacity</li> <li>• Designed to fit standard 19" racks and cabinets</li> </ul>	 <p><b>ICCMSRDS20 20" Rack Shelf</b></p> <ul style="list-style-type: none"> <li>• 20" Deep Double, 2 RMS</li> <li>• Up to 125 lbs. load capacity</li> <li>• Designed to fit standard 19" racks and cabinets with 3" deep side rails</li> </ul>	 <p><b>ICCMSRDS30 30" Rack Shelf</b></p> <ul style="list-style-type: none"> <li>• 30" Deep Double, 3 RMS</li> <li>• Up to 125 lbs. load capacity</li> <li>• Designed to fit standard 19" racks and cabinets with 3" deep side rails</li> </ul>
 <p><b>ICCMSHDS20 20" Heavy Duty Shelf</b></p> <ul style="list-style-type: none"> <li>• 20" Deep Double, 3 RMS</li> <li>• Up to 250 lbs. load capacity</li> <li>• Designed to fit standard 19" racks and cabinets with 3" deep side rails</li> </ul>	 <p><b>ICCMSRSV10 10" Rack Shelf, Vented</b></p> <ul style="list-style-type: none"> <li>• 10" Deep Single, 2 RMS</li> <li>• Up to 50 lbs. load capacity</li> <li>• Designed to fit standard 19" rack</li> </ul>	 <p><b>ICCMSRSV15 15" Rack Shelf, Vented</b></p> <ul style="list-style-type: none"> <li>• 15" Deep Single, 3 RMS</li> <li>• Up to 50 lbs. load capacity</li> <li>• Designed to fit standard 19" rack</li> </ul>	 <p><b>ICCMSRDV20 20" Rack Shelf, Vented</b></p> <ul style="list-style-type: none"> <li>• 20" Deep Double, 3 RMS</li> <li>• Up to 100 lbs. load capacity</li> <li>• Designed to fit standard 19" rack</li> </ul>
 <p><b>ICCMSRDV30 30" Rack Shelf, Vented</b></p> <ul style="list-style-type: none"> <li>• 30" Deep Double, 3 RMS</li> <li>• Up to 100 lbs. load capacity</li> <li>• Designed to fit standard 19" rack</li> </ul>	 <p><b>ICCMSRAS30 30" 4-Post Adjustable Shelf</b></p> <ul style="list-style-type: none"> <li>• 2 RMS</li> <li>• Up to 125 lbs. load capacity</li> <li>• Compatible with ICC 4 post rack ICCMSR4P84</li> </ul>	 <p><b>ICCMSRFV32 32" 4-Post Adjustable Vented Shelf</b></p> <ul style="list-style-type: none"> <li>• 2 RMS</li> <li>• Up to 125 lbs. load capacity</li> <li>• Compatible with ICC 4 post rack ICCMSR4P84</li> </ul>	 <p><b>ICCMSRKLST LCD Monitor Shelf</b></p> <ul style="list-style-type: none"> <li>• With sliding keyboard tray</li> <li>• Uses 3 RMS, fits LCD monitor, keyboard tray and location for wired or wireless mouse</li> </ul>
 <p><b>ICCMSRKSM Keyboard Shelf</b></p> <ul style="list-style-type: none"> <li>• Keyboard shelf with sliding mouse tray</li> <li>• 19" EIA rack mount width</li> <li>• 18.25" fully extended</li> </ul>	 <p><b>ICCMSCA41 Horizontal Finger Duct</b></p> <ul style="list-style-type: none"> <li>• 1 rack mount space • 24 Slots</li> <li>• Designed with slotted ducts providing horizontal cable management on the front of a rack</li> </ul>	 <p><b>ICCMSCA42 Horizontal Finger Duct</b></p> <ul style="list-style-type: none"> <li>• 2 rack mount spaces • 24 Slots</li> <li>• Designed with slotted ducts providing horizontal cable management on the front of a rack</li> </ul>	 <p><b>ICCMSCA61 Horizontal Finger Duct</b></p> <ul style="list-style-type: none"> <li>• 1 rack mount space • 24 Slots</li> <li>• Front/Back • Designed with slotted ducts providing horizontal cable management on the front and back</li> </ul>
 <p><b>ICCMSCA62 Horizontal Finger Duct</b></p> <ul style="list-style-type: none"> <li>• 2 rack mount spaces • 24 Slots</li> <li>• Front/Back • Designed with slotted ducts providing horizontal cable management on the front and back</li> </ul>	 <p><b>ICCMSCAD2 Horizontal Finger Duct Front and Back Double Sided</b></p> <ul style="list-style-type: none"> <li>• Designed to fit all standard 19" racks and cabinets.</li> <li>• Double-sided finger duct panel</li> <li>• Used with all ICCMS racks and brackets.</li> </ul>	 <p><b>ICCMSCA15 High Capacity 5" Deep, Single Sided, Horizontal Finger Duct Panel</b></p> <ul style="list-style-type: none"> <li>• 1 RMS • Manages and organizes up to 96 patch cords</li> </ul>	 <p><b>ICCMSCA25 High Capacity 5" Deep, Single Sided, Horizontal Finger Duct Panel</b></p> <ul style="list-style-type: none"> <li>• 2 RMS • Manages and organizes up to 96 patch cords</li> </ul>



# CABLE MANAGEMENT



**ICCMSCMA51**  
**Interbay Cable Management Panel**

- 5 horizontal rings, 1 RMS
- Interbay
- Includes cover



**ICCMSCMA52**  
**Interbay Cable Management Panel**

- 5 horizontal rings, 2 RMS • Interbay
- Fits all standard 19" racks and cabinets
- Accommodates ICCMSCM02 cable management panel cover
- Used with all ICCMS racks & brackets
- Includes cover



**ICCMSCMPK1**  
**Cable Management Panel**

- 5 horizontal rings • 1 RMS • Metal Rings
- Fits all standard 19" racks and cabinets
- Panel openings for front and rear cable access
- Used with all ICCMS racks and brackets
- Metal removable cover included



**ICCMSCMPK2**  
**Cable Management Panel**

- 5 horizontal rings • 2 RMS • Metal Rings
- Fits all standard 19" racks and cabinets
- Panel openings for front and rear cable access
- Used with all ICCMS racks and brackets
- Metal removable cover included



**ICCMSCMP31**  
**Cable Management Panel**

- 3 horizontal and 2 vertical rings, 1 RMS
- Metal Rings • Removable cover included
- Rear openings for patch cord organization in either direction
- Fits all standard 19" racks and cabinets
- Used with all ICCMS racks and brackets



**ICCMSCMP32**  
**Cable Management Panel**

- 3 horizontal and 2 vertical rings, 2 RMS
- Metal Rings • Removable cover included
- Rear openings for patch cord organization in either direction
- Fits all standard 19" racks and cabinets
- Used with all ICCMS racks and brackets



**ICCMSRCMC5**  
**Rear Cable Management Panel**

- Rear panel extends 5" deep to the back



**ICCMSWMSV2**  
**17" Deep 2-Pack Vented Shelves**

- Black textured powder coated steel
- Supports 125 lb. load capacity
- Package includes two shelves



**ICMPP25CMB**  
**Rear Cable Management Bar**

- Designed to mount on the rear side of 110-type patch panels



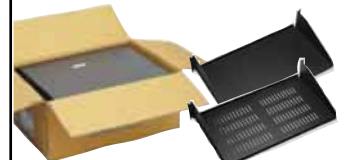
**ICCMSCMPB1 Blank Panel 1RMS**  
**ICCMSCMPB2 Blank Panel 2RMS**  
**ICCMSCMPB3 Blank Panel 3RMS**  
**ICCMSCMPB4 Blank Panel 4RMS**

- The blank panel fills the open space between system panels
- Includes #12-24 mounting screws
- Fits all standard 19" racks and cabinets
- Used with all ICCMS racks and brackets



**Multi-Packs**  
**ICCMSCMP1 12-Pack 1RMS**  
**ICCMSCMP2 12-Pack 2RMS**  
**ICCMSCMP3 6-Pack 3RMS**  
**ICCMSCMP4 6-Pack 4RMS**

- Blank Panel



**ICCMSRSFC1 10" Rack Shelf – Solid**  
**ICCMSRSFC2 15" Rack Shelf – Solid**

- Special Value 2-Pack

**ICCMSRSVC1 10" Rack Shelf – Vented**  
**ICCMSRSVC2 15" Rack Shelf – Vented**

- Special Value 2-Pack



**ICCMSRDSC3**  
**Double-Sided 20" Deep Rack Shelf**

- 2 RMS • Special Value 2-Pack



**ICCMSRDVC4**  
**Double-Sided 20" Deep Vented Rack Shelf**

- 2 RMS • Special Value 2-Pack



**ICCMSCMAC1**  
**Front 24-Slot Finger Duct and Cover**

- 1 RMS
- Special Value 6-Pack



**ICCMSCMAC2**  
**Front 24-Slot Finger Duct and Cover**

- 2 RMS
- Special Value 6-Pack



**ICCMSCMAV1**  
**Horizontal Interbay Panel and Cover**

- 1 RMS
- Special Value 6-Pack



**ICCMSCMAV2**  
**Horizontal Interbay Panel and Cover**

- 2 RMS
- Special Value 6-Pack



**ICCMSCMP61**  
**Metal Ring Panel and Cover**

- 1 RMS • Special Value 6-Pack

**ICCMSCMP62**

- 2 RMS • Special Value 6-Pack



**ICCMSCFCM3**  
**0U Front Cable Management Panel**

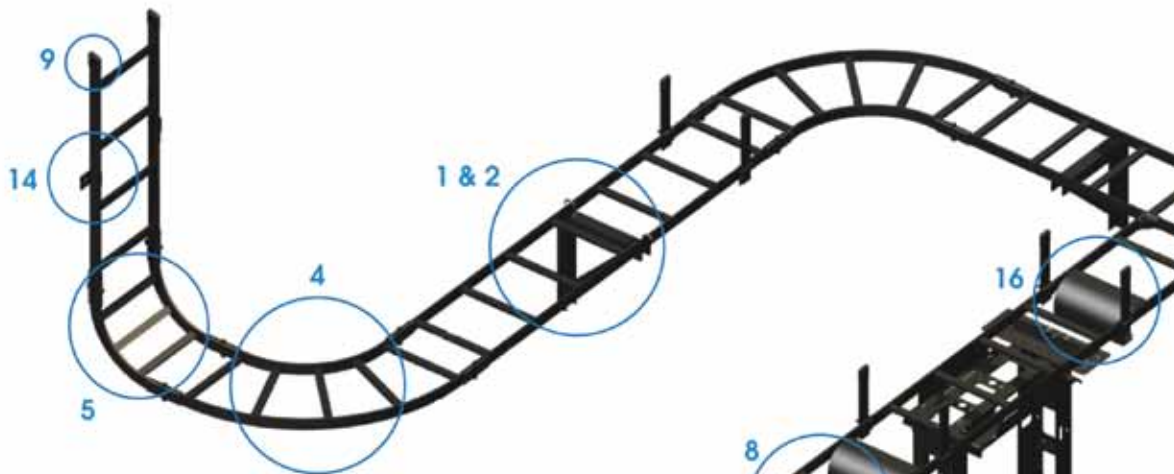
- Special Value 6-Pack • 3" deep
- Provides cable support in front of patch panels and other equipment
- Integrated cable anchor points

**TARGET CAN HELP YOU BECOME AN ICC CERTIFIED ELITE INSTALLER 149**

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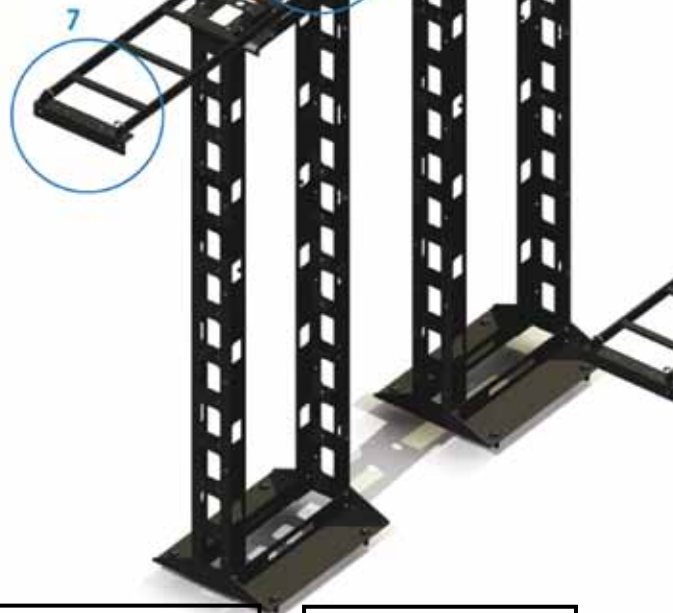


## LADDER RACK and ACCESSORIES



**LADDER RACK RUNWAY SECTIONS**

PART NO.	DESCRIPTION
1. ICCMSLST10	Ladder rack runway, 10' (Freight Only)
2. ICCMSLST05	Ladder rack runway, 5'
3. ICCMSLRW05	Kit, 5' runway, relay bracket, wall angle, J-bolts
4. ICCMSLFT90	90° flat turn for a gradual sweeping bend
5. ICCMSLIR90	90° inside corner routes cable vertically
6. ICCMSLOR90	90° outside corner routes cable vertically



**7. WALL SUPPORT ANGLE**  
**ICCMSLAWSK**  
 Mounts runway to the wall



**8. RELAY RACK BRACKET**  
**ICCMSLRBKB**  
 Mounts & secures runway over racks



**9. PROTECTIVE END CAPS**  
**ICCMSLPECK**  
 Covers runway ends, 2 each

**10. J-BOLT KIT**  
**ICCMSLJB01**  
 Inserts over and secures runway



**11. TEE-JUNCTION SPLICES**  
**ICCMSLTJSK**  
 Fastens runway in a tee intersection  
 2 each



**16. RUNWAY LADDER 7' SECTION**  
**ICCMSLSTV**  
 Straight 7-foot section, 2-pack



**11. TEE-JUNCTION SPLICES**  
**ICCMSLTJSK**  
 Fastens runway in a tee intersection  
 2 each

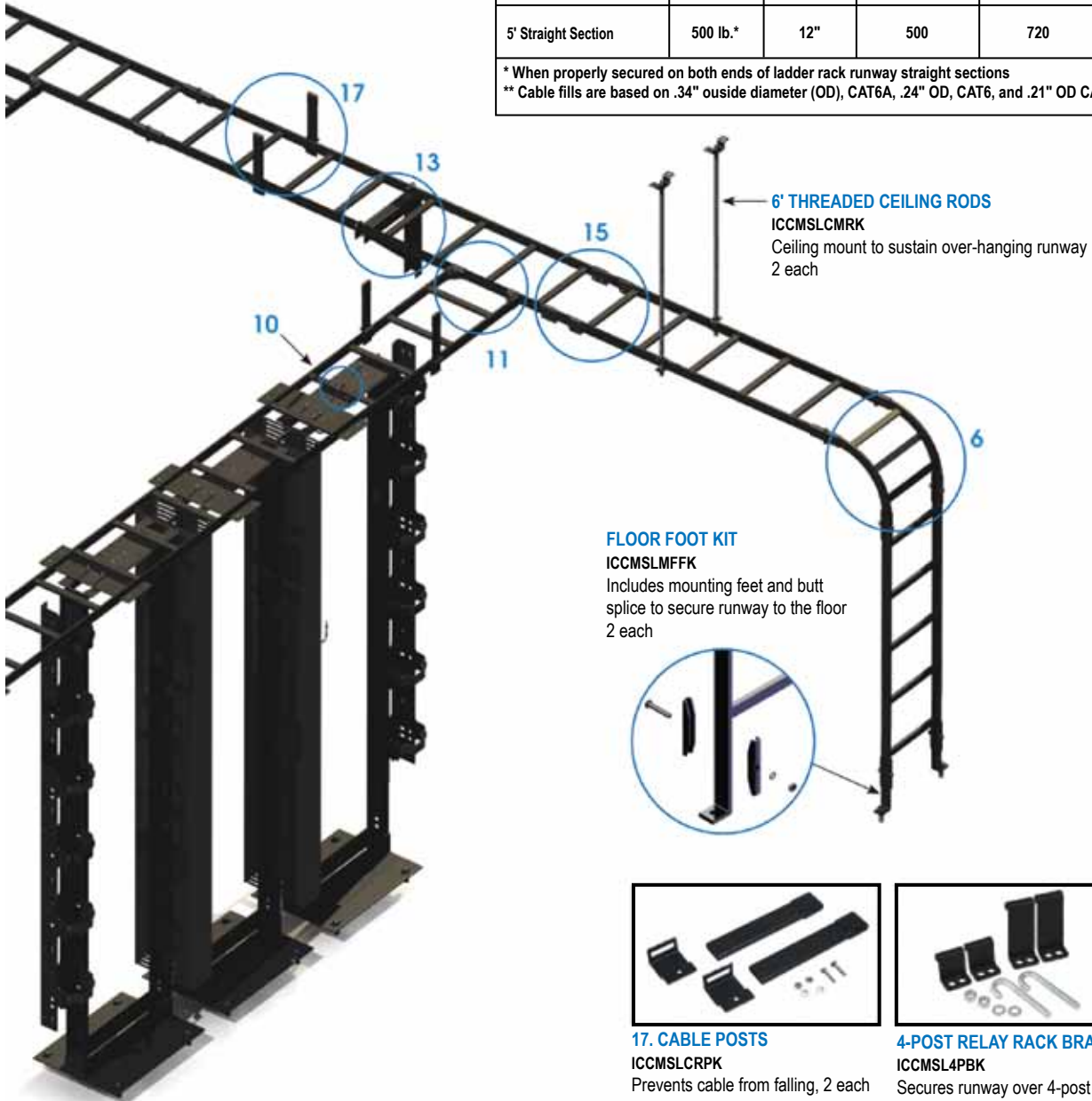


# CABLE MANAGEMENT

## LADDER RACK and ACCESSORIES

LADDER RACK WEIGHT CHART – 50% CAPACITY			CABLE RUNWAY FILLS		
DISTANCE BETWEEN SPAN	WEIGHT CAPACITY	WIDTH	CAT6A (50%**)	CAT6 (50%**)	CAT5e (50%**)
10' Straight Section	300 lb.*	12"	500	720	1100
5' Straight Section	500 lb.*	12"	500	720	1100

\* When properly secured on both ends of ladder rack runway straight sections  
 \*\* Cable fills are based on .34" outside diameter (OD), CAT6A, .24" OD, CAT6, and .21" OD CAT5e ICC Cable



**6' THREADED CEILING RODS**  
 ICCMCLMRK  
 Ceiling mount to sustain over-hanging runway  
 2 each

**FLOOR FOOT KIT**  
 ICCMSLMFFK  
 Includes mounting feet and butt splice to secure runway to the floor  
 2 each



**17. CABLE POSTS**  
 ICCMSLCRPK  
 Prevents cable from falling, 2 each



**4-POST RELAY RACK BRACKETS**  
 ICCMSL4PBK  
 Secures runway over 4-post racks, 2 each



**13. TRIANGLE WALL SUPPORT**  
 ICCMSLTWSK  
 Holds ladder rack to the wall, recommended every 6'



**14. WALL BRACKETS**  
 ICCMSLVWBK  
 Secures runway flat against the wall, 2 each



**15. SWIVEL BUTT SPLICES**  
 ICCMSLESSK  
 Allows ends to adjust in various angles, 2 each



**16. RADIUS DROP (2-PACK)**  
 ICCMSLRDRB  
 Maintains bend radius at drop points

## "J" HOOKS

### Ceiling Mount

- ICCMSJH922 J-Hook, 3/4", 90° **25-Pack**
- ICCMSJH933 J-Hook, 1-5/16", 90° **25-Pack**
- ICCMSJH944 J-Hook, 2", 90° **25-Pack**
- ICCMSJH955 J-Hook, 4", 90° **25-Pack**

### Wall Mount

- ICCMSJHK22 J-Hook, 3/4" **25-Pack**
- ICCMSJHK33 J-Hook, 1-5/16" **25-Pack**
- ICCMSJHK44 J-Hook, 2" **25-Pack**
- ICCMSJHK55 J-Hook, 4" **25-Pack**

### Batwing

- ICCMSJHW22 J-Hook, 3/4" **25-Pack**
- ICCMSJHW33 J-Hook, 1-5/16" **25-Pack**
- ICCMSJHW44 J-Hook, 2" **25-Pack**
- ICCMSJHW55 J-Hook, 4" **25-Pack**

- Galvanized steel for strength and durability
- Rust resistant zinc finish
- Accommodates CAT 5e, CAT 6, CAT 6a, coax, fiber, and conduit



## VELCRO

### ICACSV75BK

75-Foot Roll **Black**

### ICACSV75BL

75-Foot Roll **Blue**

- Designed to facilitate the fastening of cables securely
- 75' x 0.5" width
- Makes cable management and color-coding identification easy



### VELCRO CABLE TIES

#### ICACSVB8BK

Velcro® 8" Cable Ties **Black**

- Package of 100

#### ICACSQV8BK

Velcro® 8" Cable Ties **Black**

- Package of 1120

#### ICACSVBTK

Velcro® 12" Cable Ties **Black**

- Package of 100

VELCRO® brand cable ties are designed to facilitate the fastening of cables securely and make cable management and color-coding identification easy and quick.

## CABLE TIES

### 18-LB. TENSILE STRENGTH

- ICACSS8KXX • 18 lb. • 8-inches • 1000-pack

### 50-LB. TENSILE STRENGTH

- ICACSL7KXX • 50 lb. • 7-1/2-inches • 1000-pack
- ICACSL15XX • 50 lb. • 14-1/2-inches • 100-pack
- ICACSL1KXX • 50 lb. • 11-inches • 1000-pack

### 40-LB. TENSILE STRENGTH

- ICACSM06XX • 40 lb. • 6-inches • 100-pack
- ICACSM8KXX • 40 lb. • 8-1/2-inches • 1000-pack

XX = Black (BK)  
Natural (NL)



## D-RINGS

### Metal

ICCMSDRM02 2-Inch Metal D-Ring – 100-Pack

ICCMSDRM03 3-Inch Metal D-Ring – 100-Pack

ICCMSDRM05 5-Inch Metal D-Ring – 100-Pack

### Plastic

ICCMSDRP02 2-Inch Black Plastic D-Ring – 100-Pack

ICCMSDRP03 3-Inch Black Plastic D-Ring – 100-Pack

ICCMSDRP05 5-Inch Black Plastic D-Ring – 100-Pack



## NETWORK MEDIA CENTERS



### ICRDSMMBK1 Mini Net Media Distribution Center

#### Voice, Video and Data

- Provides excellent solution for homes, and for remodeling installations.
- Includes ICRDSVPA10 8-port telephone module.
- 8-port CAT 5e data module, and 2GHz 1X4 video splitter module.
- 8-port telephone module is bridged, supports up to 4 incoming telephone lines.
- 8-port CAT 5e data module exceeds ANSI/TIA-568-C connecting requirements.
- Enclosure combos are not designed to be installed in firewall applications.
- Complies with UL 1863, TIA-568-C, TIA-570-B and TIA-607 standards.
- 6.5" W x 7.5" H x 3.5" D



### ICRDSMMBW1

### Mini Net Media Distribution Center

#### Voice and Data

- Provides excellent solution for homes, and for remodeling installations.
- Includes ICRDSVPA10 8-port telephone module.
- 8-port CAT 5e data module
- 8-port telephone module is bridged, supports up to 4 incoming telephone lines.
- 8-port CAT 5e data module exceeds ANSI/TIA-568-C connecting requirements.
- Enclosure combos are not designed to be installed in firewall applications.
- Complies with UL 1863, TIA-568-C, TIA-570-B and TIA-607 standards.
- 6.5" W x 7.5" H x 3.5" D

### ICRDSMMBW8

### 8" Net Media Center

#### Voice and Data

- Designed to serve as the central distribution point for voice and Data
- 4 internal mounting spaces for phone and data modules. • ABS plastic, lightweight, and sturdy.
- Fits between 16" studs or can be wall mounted.
- Complies with ETL, TIA-568-C, TIA-570-B and TIA-607 standards.
- Cover snaps on and can be screwed down • Knockout for an optional padlock
- Voice Module: 6-ports, bridged IDC, up to 4 incoming phone lines, and up to 6 extensions
- Data Module: 6-port CAT 5e data and exceeds ANSI/TIA-568-C connecting hardware requirements







## NETWORK MEDIA CENTERS

### ICRESDC9PK

#### 9" Net Media Center Voice, Data and Video

- Designed with high quality, lightweight plastic.
- Designed to serve as the central distribution point for voice, video and data • Integrated snap-in module system.
- Includes 8-Port Telephone Module • Includes 8-Port CAT 6 Data Module
- Includes 6-Port 2GHz Video Splitter Module
- Allows for internal modules to be mounted horizontally or vertically.
- Includes 3 top, 3 bottom, 4 rear and 2 side knockouts for routing cables.
- Includes a knockout for an optional AC power outlet.
- Fits between 16" wall studs or can be wall mounted.
- Complies with TIA-568-C, TIA-570-B and TIA-607 standards.



ICRESDC9PW Includes 8-Port Telephone Module and 8-Port CAT 6 Data Module

ICRESDC9PD Includes 8-Port Telephone Module and 6-Port 2GHz Video Splitter Module

### ICRESDC21K

#### 21" Net Media Center

#### Voice, Video and Data

- Includes 4x8 telephone, CAT 6 data and 1x6 video modules
- Integrated snap-in module system
- Accommodates all of ICRESXXXXX residential modules
- Metal construction
- Includes 4 top, 3 bottom, 4 rear, and 2 side knockouts for routing cables and 4 cable tie points
- Fits between 16" wall studs or can be wall mounted
- Designed with a door latch and an optional door lock knockout
- Hinged door and NET MEDIA CENTER insert are reversible for opening from left or right



ICRESDC21E As above, no modules

### ICRESDC14K

#### 14" Net Media Center

#### Voice, Video and Data

- Includes 4x8 telephone, CAT 6 data and 1x6 video modules
- Integrated snap-in module system
- Accommodates all of ICRESXXXXX residential modules
- Metal construction
- Includes 4 top, 3 bottom, 4 rear, and 2 side knockouts for routing cables and 4 cable tie points
- Fits between 16" wall studs or can be wall mounted
- Designed with a door latch and an optional door lock knockout
- Hinged door and NET MEDIA CENTER insert are reversible for opening from left or right



ICRESDC14E As above, no modules

ICRESDC14D Includes 8-port (4x8) telephone and 1x6 2GHz video modules

ICRESDC14W Includes 8-port (4x8) telephone and 8 Port CAT 6 Data Module

### ICRESDC28K

#### 28" Net Media Center

#### Voice, Data and Video

- Designed with steel construction, white powder coated, lightweight and sturdy.
- Designed to serve as the central distribution point for voice, data and video
- Allows for internal modules to be mounted horizontally or vertically.
- Integrated snap-in module system enables users to quickly insert.
- Supports up to 6 ICCMSCMPT1 or ICCMSCMPT2 Cable Management Rings.
- Includes a knockout for an optional AC power outlet (not included).
- Fits between 16" studs with 8 internal module mounting spaces.
- Designed with a door latch and an optional door lock knockout.
- Accommodates all of ICRESXXXXX residential modules.
- Complies with UL 1863, TIA-568-C, TIA-570-B and TIA-607 standards.



### ICRESDPA3C

#### CAT5e 8-Port Data Module

- Designed to support up to 8 Category 5e data lines.
- Fits all ICRESDC 14", 21" and 28" resi distribution center enclosures with the 4 locking buttons.



### ICRESDPA1C

#### CAT5e 8-Port Data Module

- Designed to support up to 8 Category 5e data lines.
- Fits all ICRESDC 14", 21" and 28" Net Media Center enclosures with the 4 locking buttons



### ICRESDPB3C

#### CAT6 8-Port Data Module

- Designed to support up to 8 Category 6 data lines.
- Fits all ICRESDC 14", 21" and 28" resi distribution center enclosures with the 4 locking buttons.



### ICRESAV42L

#### 2GHz, 4-Port Video Splitter Module

- Designed to provide excellent signal quality for splitting HDTV.
- Frequency bandwidth from 5 to 2300 MHz.
- Fits all ICRESDC 14", 21" and 28" resi distribution enclosures with the 4 locking buttons.



### ICRESAV62L

#### 2GHz, 6-Port Video Splitter Module

- Designed to provide excellent signal quality for splitting HDTV.
- Frequency bandwidth from 5 to 2300 MHz.
- Fits all ICRESDC 14", 21" and 28" resi distribution enclosures with the 4 locking buttons.



### ICRESAV82L

#### 2GHz, 8-Port Video Splitter Module

- Designed to provide excellent signal quality for splitting HDTV.
- Frequency bandwidth from 5 to 2300 MHz.
- Fits all ICRESDC 14", 21" and 28" resi distribution enclosures with the 4 locking buttons.



### ICRSDC2LK

#### Distribution Center Lock with 2 Keys

- Fits the knockout on ICC's distribution center doors
- Used with all ICRESDC 14", 21" and 28" resi distribution enclosures

### ICRESBMP06

#### Blank 6-Port Mounting Panel

- Designed to fit all DATA, VOICE, AV, and FIBER connectors
- Fits all ICRESDC 14", 21" and 28" resi distribution enclosures



### ICRESDCBUM

#### Universal Electronics Bracket

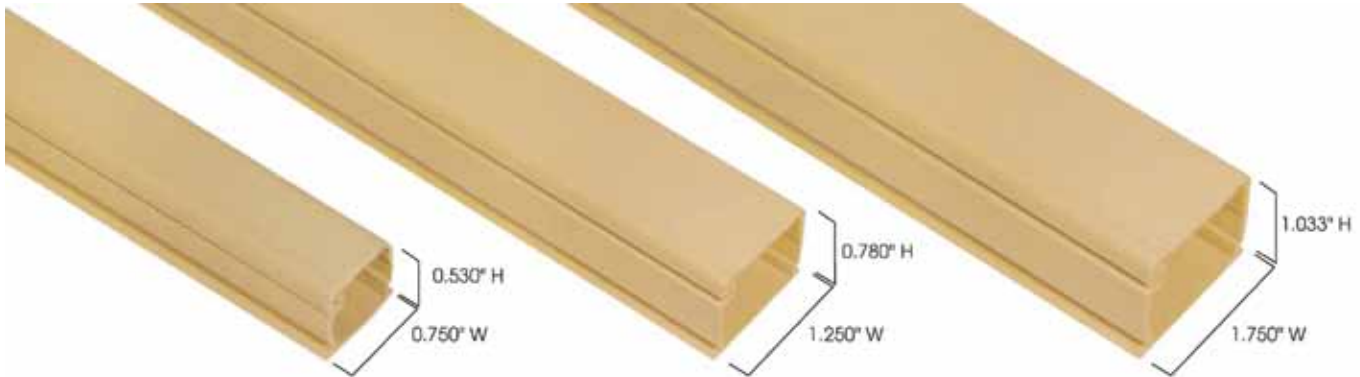
- Designed to hold routers, hub/ switches, cable modems, and other electronic equipment
- Velcro ties included, 4 pcs



**TARGET HAS YOUR ICC CABLE MANAGEMENT SOLUTION**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## SURFACE RACEWAY



### Surface Raceway

Organize, conceal, store, route and protect copper and fiber structured cabling with ICC's raceway products. Available in three of our most popular sizes (3/4", 1 1/4" and 1 3/4"), two length straight sections (6' and 8'), in bulk packs or individual packs and in white and ivory. They are incorporated with a one-piece latching system, and an adhesive back design to speed up installations. Additional connecting accessories are available below.

- Designed to blend in and conceal voice, data, coax, audio, video, and fiber cables in office and residential environments
- Integrated one-piece latching system provides a simple and quick install
- Adhesive backing allows a secure and permanent placement
- Easy to cut, trim, and paint to fit virtually any décor and application layout
- Accommodates a wide variety of outlet boxes • Available in white (WH) or ivory (IV)

### 6-Foot Sections – Cases of 20

Part No.	Description	Carton	XX
ICRWR11SXX	.75" W	Sold in case quantity of 20 6-foot sections = 120 feet	WH, IV
ICRWR12SXX	1.25" W	Sold in case quantity of 20 6-foot sections = 120 feet	WH, IV
ICRWR13SXX	1.75" W	Sold in case quantity of 20 6-foot sections = 120 feet	WH, IV

### 8-Foot Sections – Cases of 20

Part No.	Description	Carton	XX
ICRWR118XX	.75" W	Sold in case quantity of 20 8-foot sections = 160 feet	WH, IV
ICRWR128XX	1.25" W	Sold in case quantity of 20 8-foot sections = 160 feet	WH, IV
ICRWR138XX	1.75" W	Sold in case quantity of 20 8-foot sections = 160 feet	WH, IV

### 6-Foot Sections – Single Stick

Part No.	Description	Carton	XX
ICRW22RXX	.75" W	Sold in single 6-foot sections = 6 feet	WH, IV

Note: Freight on 8-foot sections will be higher due to carton dimensions

## CONNECTING ACCESSORIES

Sold in Packages of 10 Only

<p><b>Ceiling Entries with Mounting Clips</b></p> <p>ICRW11CEXX .75" Pack of 10</p> <p>ICRW12CEXX 1.25" Pack of 10</p> <p>ICRW13CEXX 1.75" Pack of 10</p> <p>XX = WH, IV</p>	<p><b>Joint Covers</b></p> <p>ICRW11JCXX .75" Pack of 10</p> <p>ICRW12JCXX 1.25" Pack of 10</p> <p>ICRW13JCXX 1.75" Pack of 10</p> <p>XX = WH, IV</p>	<p><b>Inside Corner Covers</b></p> <p>ICRW11ICXX .75" Pack of 10</p> <p>ICRW12ICXX 1.25" Pack of 10</p> <p>ICRW13ICXX 1.75" Pack of 10</p> <p>XX = WH, IV</p>	<p><b>Tees</b></p> <p>ICRW11TOXX .75" Pack of 10</p> <p>ICRW12TOXX 1.25" Pack of 10</p> <p>ICRW13TOXX 1.75" Pack of 10</p> <p>XX = WH, IV</p>
<p><b>90° Flat Elbows</b></p> <p>ICRW11EOXX .75" Pack of 10</p> <p>ICRW12EOXX 1.25" Pack of 10</p> <p>ICRW13EOXX 1.75" Pack of 10</p> <p>XX = WH, IV</p>	<p><b>Outside Corner Covers</b></p> <p>ICRW11OCXX .75" Pack of 10</p> <p>ICRW12OCXX 1.25" Pack of 10</p> <p>ICRW13OCXX 1.75" Pack of 10</p> <p>XX = WH, IV</p>	<p><b>End Caps</b></p> <p>ICRW11ECXX .75" Pack of 10</p> <p>ICRW12ECXX 1-1/4" Pack of 10</p> <p>ICRW13ECXX 1.75" Pack of 10</p> <p>XX = WH, IV</p>	<p><b>Your Best Source for Raceway</b></p>

## 7U Wallmount Enclosures

Features:

- 19" EIA 310-E Compliant
- Ideal size for areas where space is limited
- One pair of #10-32 rails
- Main body separates from back panel allowing for easy, one person installation
- Unique security bit required to remove main body from back panel
- "Spare" 1 RMU tab on back panel allows power strip mounting



### GL15WM

15.38"H x 22.25"W x 17.66"D, 7 RMU, Plexi Door

### GL15WMS

15.38"H x 22.25"W x 17.66"D, 7 RMU, Solid Door

## Wall Mount Swing Racks

SR Racks feature #12-24 mounting;  
SRD Racks feature #10-32 mounting;  
rack mounting hardware included

- Provisions for optional Cable Management  
Cinch Straps • 100 lbs. weight capacity
- 180° positive stop • Swings open left or right • Stock Color: Black



### GL24SR

23.75"H x 20.75"W x 18.00"D, 100 lbs. Capacity, 12U Rack Spaces, Ship Wt. 34 lbs.

### GL36SR

36.00"H x 20.75"W x 18.00"D, 100 lbs. Capacity, 19U Rack Spaces, Ship Wt. 44 lbs.

### GL48SR

48.763"H x 20.562"W x 18.00"D, 100 lbs. Capacity, 26U Rack Spaces, Ship Wt. 54 lbs.

### GL24SRD

23.75"H x 20.75"W x 24.00"D, 100 lbs. Capacity, 12U Rack Spaces, Ship Wt. 34 lbs.

### GL36SRD

36.00"H x 20.75"W x 24.00"D, 100 lbs. Capacity, 19U Rack Spaces, Ship Wt. 44 lbs.

### GL48SRD

48.763"H x 20.562"W x 24.00"D, 100 lbs. Capacity, 26U Rack Spaces, Ship Wt. 54 lbs.

## WD Wall Mount

Features conduit knockouts, two pair of #12-24 fully adjustable mounting rails (19" EIA 310-E), additional depth for large pieces of equipment; caster mounting available.



### GL24WD

24"H x 24"W x 32.13"D, 11 RMU, Plexiglas Door; 250 lb. wt. cap.

### GL24WDS

24"H x 24"W x 32.13"D, 11 RMU, Solid Door; 250 lb. wt. cap.

### GLRR-1984

#### 19" 2-Post Rack

- UL2416 • 84.00"H x 20.31"W x 14.00"D
- 45 RMU, 19" EIA 310-E Compliant; includes rack mtg. hardware
  - Double Sided Extruded Aluminum with #12-24 tapped holes
  - Weight Capacity: 1500 lbs.



### 4PM6-29

#### 19" 4-Post Rack (29" Deep)

- Dimensions: 84.00"H x 20.6"W x 29" D
- Rack Spaces: 45 RMU, 19 EIA 310-E Compliant; includes rack mtg. hardware
- Weight Capacity: 1500 lbs. when networked; 1000 lbs. free standing
- Construction: 12 Gauge Cold Rolled Steel and Extruded Aluminum

## WM Wall Mounts

Features horseshoe and conduit knockouts, two pair of #12-24 fully adjustable rails, center swing-out section; ideal for large wiring and network applications.



### GL24WM

24"H x 21.25"W x 24.5"D, 12 RMU, Plexi Door; 150 lb. wt. cap.

### GL2418WM

24"H x 21.25"W x 18"D, 12 RMU, Plexi Door; 150 lb. wt. cap.

### GL2418WMS

24"H x 21.25"W x 18"D, 12 RMU, Solid Door; 150 lb. wt. cap.

### GL36WM

36"H x 21.25"W x 24.5"D, 19 RMU, Plexi Door, 250 lb. wt. cap

### GL36WMM

36"H x 21.25"W x 24.5"D, 19 RMU, Mesh Door, 250 lb. wt. cap

### GL36WMS

36"H x 21.25"W x 24.5"D, 19 RMU, Solid Door, 250 lb. wt. cap

### GL48WM

48"H x 21.25"W x 24.5"D, 25 RMU, Plexi Door; 300 lb. wt. cap.

## ACCESSORIES



### BS2-UCB3

DVR Lock Box; 6.30"H x 21.00"W x 21.00"D; 3 RMU; 100 lb. weight capacity



### 7217-WS

Fan Assembly with fan guards and two 75 CFM fans; for use with WM and WD wall mounts



### 7219

1U 6-Outlet Power Strip PDU 15Amp



### 7206-14

Stationary shelf for 19" mounting; 17.50"W x 14.00"D, 80 lb. weight capacity, 2 RMU



### HDW-105-50

Package of 50 M6 Cage Nuts with 12mm, M6 screws



### CH-03

Padlock handle with secondary key



### 7206-FM

Stationary shelf for 19" mounting; 17.25"W x 18.00"D, 60 lb. weight capacity, 2 RMU



### 36WMB-02

36" Wallmount Bubble Door Frame 6"D Black - Plexi or Mesh not included



7215-S 49" 16-Outlet Power Strip PDU 15Amp

Don't See the Great Lakes Rack or Cabinet You Were Looking For?  
Call and We'll Get It For You!



## HANDHELD LABELING TOOLS

### PTE300 Industrial Handheld Labeling Tool with Rechargeable Li-ion Battery

The PTE300 industrial handheld labeling tool kit is designed right the first time with large backlit LCD display, QWERTY keyboard and secure grip feature. Smart label application keys helps make the PTE300 simple to use to label cable/fiber/wire, faceplates, patch panels and more.

- Label application keys for cable wrap/flag, faceplate, serialized and other labels
- Prints extremely durable, laminated easy-peel labels, including heat-shrink tube
- Prints up to 5 lines on a label
- Accepts both HGe and TZe laminated tape cassettes
- Prints fast – up to 20mm per second
- Backlit 15 character X 2 line graphic LCD display
- Prints 5 label sizes – 3.5mm to 18mm
- Carrying case and AC adapter/charger included
- 384 industrial symbols
- Barcode label printing solution
- 2-year limited exchange warranty



### PTE500 Industrial Handheld Labeling Tool with PC Connectivity and Auto Cutter

The PTE500 industrial handheld labeling tool kit comes with software to print labels from a computer or download with a database and print virtually anywhere. Smart technology, QWERTY keyboard, automatic cutter and large backlit display helps make the PTE500 easy to use to mark cables/fiber/wire, faceplates, patch panels and more.

- Label application keys for cable wrap/flag, faceplate, serialized and other labels
- Prints extremely durable, laminated easy-peel labels, including heat-shrink tube
- Prints up to 7 lines on a label
- Accepts both HGe and TZe laminated tape cassettes
- Prints fast – up to 1.2ips or 30 mm per second
- Backlit 15 character x 2 line graphic LCD display (WYSIWYG)
- Prints on six label sizes: from 3.5 to 24 mm
- Carrying case, Li-ion battery and AC adapter/charger included
- 384 industrial symbols
- Barcode label printing solution
- 2-year limited exchange warranty



### PTE550W Industrial Labeling Tool with Wireless Connectivity and Auto Cutter

The PTE550W industrial handheld labeling tool features a wireless interface to print or wirelessly transfer a database from a computer, iOS® and Android™ smartphone or tablet. Smart technology, QWERTY keyboard, automatic strip label cutter and backlit display helps make the PTE550W easy to mark cables, faceplates and patch panels.

- Label application keys for cable wrap/flag, patch panel, punch block, faceplate, serialized and other labels
- Prints extremely durable, laminated easy-peel labels, including heat-shrink tube
- Prints up to 7 lines on a label
- Accepts both HGe and TZe laminated tape cassettes
- Prints fast – up to 30mm per second
- Backlit 15 character X 2 line graphic LCD display
- Prints 6 label sizes – 3.5mm to 24mm • Wi-Fi® and USB interfaces
- Carrying case, long-life rechargeable Li-ion battery, AC adapter/charger, USB cable included • 384 industrial symbols
- Includes CD with label-design, data transfer manager, and printing software
- Barcode label printing solution • 2-year limited exchange warranty



## DESKTOP

### PTP900W Wireless Desktop Label Printer

The PTP900W is a complete wireless on-demand laminating label printing solution that comes with printer, accessories, label design and print software, and a full length UL certified tape.

- Wi-Fi, USB and Serial Interfaces
- Prints up to 32mm High on 36mm Wide Tape at 360 dpi
- Automatic Dual Blade Cutting Mechanism
- Prints at up to 3.6 ips
- Uses HGe/TZe/HSe Tape
- Small Footprint, only 4.7" wide x 5.7" high x 7.6" deep



### PTP950NW Wireless Desktop Network Label Printer

The PTP950NW is a complete wireless on-demand network laminating label printing solution that comes with printer, accessories, label design and print software

- Wi-Fi, Ethernet, USB, Host USB, Serial & Optional Bluetooth Interfaces
- Prints up to 32mm High on 36mm Wide Tape at 360 dpi
- Automatic Dual Blade Cutting Mechanism • Prints at up to 3.6 ips
- Uses HGe/TZe/HSe Tape
- Small Footprint, only 4.7" wide x 5.7" high x 7.6" deep



## REPLACEMENT TAPE CASSETTES

**TZe221** The black on white TZe221 Laminated Tape for P-Touch Labelers measures 0.35" x 26.2' and features their standard adhesive. The tape is ideal for everyday applications, normal indoor and outdoor conditions, and works best on smooth, flat surfaces.

**TZeS221** The black on white Brother TZeS221 with Extra-Strength Adhesive for P-Touch Labelers measures 0.35" x 26.2'. The extra strength adhesive is designed for use in harsh environments and can be used on textured, rough, or uneven surfaces.

**TZe231** The black on white TZe231 Laminated Tape for P-Touch Labelers measures 0.47" x 26.2' and features their standard adhesive. The tape is ideal for everyday applications, normal indoor and outdoor conditions, and works best on smooth, flat surfaces.

**TZeFX241** The black on white TZeFX241 Flexible ID Tape from Brother measures 0.7" x 26.2'.

**TZeFX251** The black on white TZeFX251 Flexible ID Tape from Brother measures 0.94" x 26.2'.

These tapes feature Brother's laminated tape process and a specially formulated adhesive which is designed to stick to itself or to laminate. The tape is ideal for wrapping around an item and labeling cylindrical surfaces such as cables, and PVC piping, and for wire wrapping and flagging.

**HGeS2215PK** 3/8" Black on White Extra-Strength Adhesive Label Tape

Each Brother p-touch tape is 3/8" (9mm) x 26.2 ft (8m) long and comes 5 HGe tapes per carton. The extra strength adhesive is designed for use in harsh environments and can be used on textured, rough, or uneven surfaces.

Looking for a tape not listed here? **CALL US and WE'LL GET IT FOR YOU!**



### Standard Rack Enclosures

- Guaranteed compatibility with all EIA-310-E compliant 19" rack equipment
- Locking, reversible doors and locking, removable side panels
- Adjustable mounting rails with easy-view depth index
- Toolless mounting slots for PDUs & vertical cable managers
- Airflow exceeds server manufacturer requirements
- Load rating up to 3,000 lb • 5 Year Warranty



**SR25UB** 25U Standard Enclosure  
49.00 x 23.63 x 43.0 (hwd/in.)

**SR42UB** 42U Standard Enclosure  
78.50 x 23.63 x 43.0 (hwd/in.)

**SR42UBG** 42U Standard Enclosure with Clear Acrylic Window  
78.50 x 23.63 x 43.0 (hwd/in.)

### Wall-Mount Rack Enclosure

- Secure and organize 19" rack equipment
- Ventilated front door and side panels for increased airflow
- Locking, reversible front door
- Locking, removable side panels
- Fully assembled for quick installation
- Meets all enclosure requirements towards PCI DSS compliance • 5 year warranty



**SRW6U** 6U Enclosure 14.50 x 23.63 x 17.50 (hwd/in.)

**SRW9U** 9U Enclosure 19.88 x 23.63 x 17.78 (hwd/in.)

**SRW12U** 12U Enclosure 25.08 x 23.63 x 17.69 (hwd/in.)

### Hinged Wall-Mount Rack Enclosures

- Adjustable mounting depths from 3" to 20.5" inches
- Ventilated front door and side panels for increased airflow
- Hinged cabinet swings away from wall bracket for easy access
- Locking, reversible front door
- Locking, removable side panels
- Fully assembled
- Top and bottom panel cable access openings
- Meets all enclosure requirements towards PCI DSS compliance • 5 year warranty



**SRW12US** 12U Enclosure 25.00 x 23.63 x 21.6 (hwd/in.)

**SRW15US** 15U Enclosure 30.33 x 23.63 x 21.6 (hwd/in.)

**SRW18US** 18U Enclosure 35.60 x 23.60 x 21.6 (hwd/in.)

**SRW26US** 26U Enclosure 49.70 x 23.63 x 21.6 (hwd/in.)

### SRW18USDPG Wall-Mount Rack Enclosure Cabinet with Clear Acrylic Window

- Maximum load capacity of 250 lb.
- Swings away from wall on hinge for easy access
- Shatter-resistant clear acrylic window
- Locking steel cabinet vented at sides, top and bottom
- 35.61 x 23.50 x 25.98 (hwd/in.) • 5 year warranty



### SRCOOL12K 120V Portable Air Conditioning Unit Small Server Rooms & Network Closets

- 12,000 BTU of cooling power can cool a 500 sq. ft. room
- Uses environmentally friendly R410a refrigerant
- Zero-maintenance design—no floor drain needed, no water collection tank to empty
- Ducted vent directs cold air where most needed standard louvered vent cools a room
- Uses a standard 5-15R outlet; no adapter required
- Directional exhaust duct safely removes hot air from the room
- Built-in timer for automatic unattended start-up & shutdown
- Restarts automatically after power failure
- Supports network management via optional SRCOOLNET



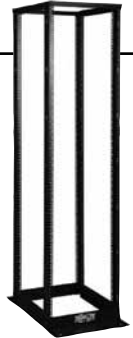
### SRW08U22 Expandable Wall Mount Open Frame Rack

- Open frame with 2 post mounting, 19" wide, 18" Depth
- Assembles as 8U, 12U or 22U all from single sku (all extra parts are included)
- 2 post wall mounting...EIA 19" width
- Threaded (12-24) mounting holes
- Heavy duty steel construction • Black textured powder coat finish • Easy Assembly • Supports up to 150lbs of equipment
- 5-Year Limited Warranty



### 4-Post and 2-Post Open Frame Racks

- Supports 1000lbs of rackmount equipment
- Adjustable mounting depth (22 to 36 inches) – 4-post
- Textured powder coat finish • Black finish
- Numbered mounting positions • Bolt down provisions
- Self squaring design • Includes mounting hardware
- 5 Year Warranty



**SR2POST** 45U 2-Post Open Frame Rack

**SR4POST** 45U 4-Post Open Frame Rack

**SR4POST25** 25U 4-Post Open Frame Rack

### SRDVRLB 5U Security DVR Lockbox Enclosure

Securely stores and cools your digital video recorder (DVR) to protect it from damage, tampering or theft. Ideal for retail outlets, warehouses, offices and other locations that use a DVR for security purposes.



- Maximum load capacity of 60 lb. • Vertical mounting rails adjust from 1 to 16 in. deep
- Locks securely to help prevent damage, tampering or theft
- Preinstalled cooling fan with filter promotes ample airflow
- Fully assembled and ready to mount to wall, floor or table • 5-year warranty

### SmartRack Low-Profile Switch-Depth Wall-Mount Rack Enclosure Cabinets with Clear Acrylic Window, Hinged Back.

- Maximum load capacity of 200 lb. (SRW12USG)
- Maximum load capacity of 250 lb. (SRW18USG / SRW26USG)
- Swings away from wall on hinge for easy back-door access
- Front door includes shatter-resistant clear acrylic window
- Locking steel cabinet vented at sides, top and bottom
- Provides physical equipment & media security required for PCI DSS (Payment Card Industry Data Security Standard) compliance
- Ships fully assembled for quick installation • 5-year warranty



**SRW12USG** 12U Switch-Depth Enclosure 25.0 x 23.63 x 21.6 (hwd/in.)

**SRW18USG** 18U Switch-Depth Enclosure 35.6 x 23.62 x 21.6 (hwd/in.)

**SRW26USG** 26U Switch-Depth Enclosure 49.7 x 23.62 x 21.6 (hwd/in.)



### SRW18US13 18U Low-Profile Patch-Depth Wall-Mount Rack Enclosure Cabinet

- Maximum load capacity of 200 lb.
- Swings away from wall on hinge for easy back-door access
- Locking steel cabinet vented at sides, front, top and bottom
- Flow-through ventilation keeps equipment cool
- Secures 18U of 19 in. rack equipment up to 12.75 in. deep
- Provides physical equipment and media security required for PCI DSS (Payment Card Industry Data Security Standard) compliance • 5 year warranty



**CONTACT YOUR TARGET SALES REP FOR CUSTOM RACK SOLUTIONS**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## UL RATED CABLE TIES

For use in Plenum applications, these ties are suitable for indoor use only in air handling spaces where low smoke and low flame are a concern.

Model	Description
T50R2M4UL	8-inch, 50 lb., Red, 1000 pcs.
T50R2C2UL	8-inch, 50 lb., Red, 100 pcs.
T50I2C2UL	11 <sup>3</sup> / <sub>4</sub> -inch, 50 lb., Red, 100 pcs.



## CABLE TIES



Model	Description	Color
T30R9M4	6-inch, 30 lb.,	Natural
T30L9M4	8-inch, 30 lb.,	Natural
T30L0M4	8-inch, 30 lb.,	Black/UV
T50R0XX	8-inch, 50 lb.,	Black/UV
T50R9C2	8-inch, 50 lb.,	Natural
T50I9C2	11 <sup>3</sup> / <sub>4</sub> -inch, 50 lb.,	Natural
T50I0C2	12-inch, 50 lb.,	Black
T50L9M4	15 <sup>1</sup> / <sub>2</sub> -inch, 50 lb.,	Natural
T50L0M4	15 <sup>1</sup> / <sub>2</sub> -inch, 50 lb.,	Black

XX = C2 (100 pieces) M4 (1000 pieces)

T50MR0C2 (Black - 100 Pieces)

T50MR9C2 (Natural - 100 Pieces)

- Mount design secures firmly with any #10 Screw (not included) • 8<sup>1</sup>/<sub>2</sub>-inch • 50 lb.



## CABLE TIE MOUNTS

CTM110C2 (151-30404)

Cable Tie Mounts (100-Piece Bag)

Use with 18 through 50 pound cable ties

- Secures with a single screw



MB29C2

Cable Tie Mounts (100-Piece Bag)

Used with cable ties shown above right.

- Uses #8 screw (not included)



## 1-INCH DIAMETER SPIRALWRAP

5NFP9C (161-05080)

Spiralwrap, 1" Diameter, PE, Natural, 100ft/RL

- Sheathing allows flexible routing and lead-out of cables
- The inner edges are beveled preventing damage to cables
- Sheathing is reusable and resistant to most chemicals
- 100-foot roll
- Spiralwrap is U.L. Recognized



## GRIP TIES

GT.75X1800	180" Grip Tie roll, .75" wide, Black
GT.75X9000	75-Foot Grip Tie roll, .75" wide, Black
GT.75X1806	180" Grip Tie roll, .75" wide, Blue



GT.75X180MV2 (854-44394)

Plenum Rated Grip Tie Roll, 180.0"x.75"

- UL94V0-2 flame rate material allow use in air handling spaces
- Maroon only

GT.50X80C2 Grip Tie Strap, 8.0" x .5", Black, 100/pkg



## VERTICAL WIRE MANAGER

VWMDC4x5BK (854-09212)

Vertical Wire Manager Dual-Sided, Center Mount, 4.0" x 5.0" Front, 35.0" Height, Black

- Can be mounted on the side of the relay rack as well as between two adjacent racks providing multiple placement options.
- Breakaway fingers can be removed to allow routing of large cable bundles.

## HELAWRAP

Helawrap Sleaving

Model: 161-62001

Description: 1-inch Diameter Convenience Pack, 10 feet/pkg

Protective tubing used to route and safeguard cables, wires and hoses which need a high level of mechanical protection. Helawrap is available in standard polypropylene and includes application tool.



## CONVOLUTED TUBING

Convolute Tubing

Model: 169-60021

Description: 1" Slit, 50 foot reel

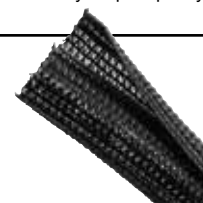
Flexible material provides an efficient method for the routing and protection of wire harness assemblies, while reducing the chance of installation damage. Additionally, convoluted tubing offers excellent defense against automotive fluids, vibration wear, water, snow, ice, as well temperature fluctuations and sunlight exposure. Available in standard, bulk and dispenser box packaging. Other sizes available by drop-ship only. Minimum order quantities will apply.



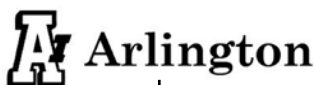
## SLEEVING

170-03038 Split Wrap Braided Sleaving

- 3/4" Diameter
- Black • 50.0 ft/Reel
- Used when repeat access to wire bundle is required



## CABLE ENTRY DEVICES and LOW VOLTAGE MOUNTING BRACKETS



CED130

Cable Entry Device with Slotted Cover

- Non-metallic
- Insert for Decorex faceplates
- Installs facing in or out
- Allows the pass-through of large connectors including HDMI's
- White only



CED135

Cable Entry Device with Brush Style Cover

- Non-metallic
- Insert for Decorex faceplates
- Allows the pass-through of large connectors including HDMI's
- White only



LV1 (1.7" D)

Single Gang Non-Metallic Low Voltage Mounting Bracket

- Designed to mount wall plates flush
- Brackets adjust to fit various wall board thicknesses
- Sold in 10-packs



LV1LP (1.2" D)

Single Gang Low Profile Non-Metallic Low Voltage Mounting Bracket

- Designed to mount wall plates flush
- Brackets adjust to fit various wall board thicknesses
- Sold in 10-packs





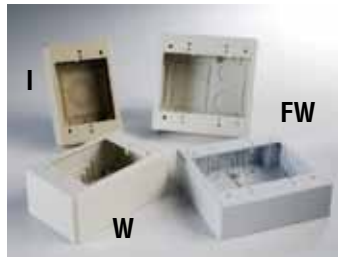
## SURFACE RACEWAY

HellermannTyton Surface Raceway is a one-piece adhesive-backed latching duct designed to contain, route and protect wires and cables when it is not feasible to run it within the wall. HellermannTyton Surface Raceway features a special flexible hinge which allows numerous openings without creating discoloration or stress cracking. The self-locking, hidden positive latch allows for quick re-entry as well as secure installation of wire and cable.

**AVAILABLE in 6 or 8 FOOT SECTIONS  
IN IVORY, OFFICE WHITE or WHITE  
MINIMUM ORDER IS 5 PIECES**

### X = Color

**FW** = Office White  
**I** = Ivory  
**W** = White



When ordering, insert the appropriate letter for the color you want in place of the "X" in the part numbers shown below and the next column.

Model	Description
TSR1X-6A	6' Raceway – 3/4" W x 1/2" H x 6'
TSR2X-6A	6' Raceway – 1 1/4" W x 3/4" H x 6'
TSR3X-6A	6' Raceway – 1 3/4" W x 1" H x 6'

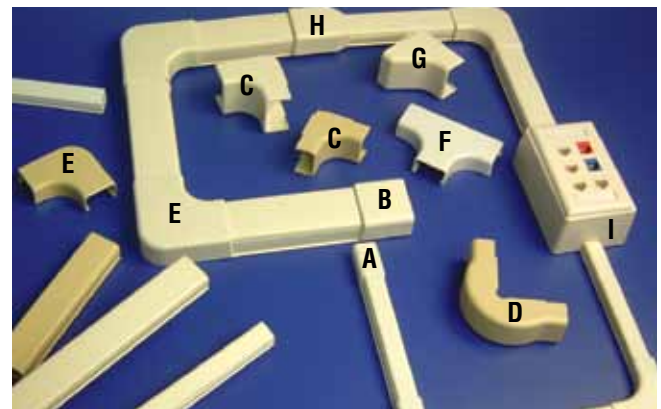
**Freight on 8-foot sections will be higher due to carton dimensions**

Model	Description
TSR1X-8A	8' Raceway – 3/4" W x 1/2" H x 8'
TSR2X-8A	8' Raceway – 1 1/4" W x 3/4" H x 8'
TSR3X-8A	8' Raceway – 1 3/4" W x 1" H x 8'



### TSRPX-RB

Round single gang surface mount junction box for use with smoke and carbon monoxide detectors, security cameras and hanging light fixtures. Pre-scored knockouts on four sides remove easily to accommodate 0.5", .075" or 1.0" diameter conduit and all HellermannTyton raceway sizes. Simple two-piece design is easy to install and includes foam tape adhesive to assist with positioning and mounting. Fittings incorporate a minimum 1" bend radius per TIA/EIA 568-B and 569-A standards.



**A** = Splice Cover    **B** = End Cap    **C** = Internal Corner  
**D** = External Corner    **E** = Elbow Cover    **F** = Tee Cover  
**G** = Ceiling Drop    **H** = Reducer    **I** = Junction Box

### AVAILABLE IN IVORY, OFFICE WHITE OR WHITE

**SOLD IN PACKAGES OF 10 ONLY!**

Model	Description
<b>A</b> TSR1X-14	Splice Cover – 3/4"
TSR2X-14	Splice Cover – 1 1/4"
TSR3X-14	Splice Cover – 1 3/4"
<b>B</b> TSR1X-36	End Cap – 3/4"
TSR2X-36	End Cap – 1 1/4"
TSR3X-36	End Cap – 1 3/4"
<b>C</b> TSR1X-33-1	Internal Corner – 3/4"
TSR2X-33-1	Internal Corner – 1 1/4"
TSR3X-33-1	Internal Corner – 1 3/4"
<b>D</b> TSR1X-29-1	External Corner – 3/4"
TSR2X-29-1	External Corner – 1 1/4"
TSR3X-29-1	External Corner – 1 3/4"
<b>E</b> TSR1X-25-1	Elbow Cover – 3/4"
TSR2X-25-1	Elbow Cover – 1 1/4"
TSR3X-25-1	Elbow Cover – 1 3/4"
<b>F</b> TSR1X-21-1	Tee Cover – 3/4"
TSR2X-21-1	Tee Cover – 1 1/4"
TSR3X-21-1	Tee Cover – 1 3/4"
<b>G</b> TSR1X-50	Ceiling Drop – 3/4"
TSR2X-50	Ceiling Drop – 1 1/4"
TSR3X-50	Ceiling Drop – 1 3/4"
<b>H</b> TSR1X-12	Reducer – 1 3/4" to 1 1/4"
TSR2X-12	Reducer – 1 3/4" to 3/4"
TSR3X-12	Reducer – 1 1/4" to 3/4"
<b>I</b> TSRX-JB1	Junction Box – 1 1/4" Deep - Single Gang
TSRX-JB2	Junction Box – 2" Deep - Single Gang
TSRX-JB3	Junction Box – 2.77" Deep - Single Gang
TSRX-JBD	Junction Box - 1 1/2" Deep - Dual Gang
TSRX-JBD2	Junction Box - 2.77" Deep - Dual Gang

**Items Below Sold Individually**

**USE RACEWAY TO CLEAN UP YOUR INSTALL**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

 <p><b>CAT12 J-Hook</b></p> <ul style="list-style-type: none"> <li>• Accepts up to 16 4-pair UTP CAT 5e or 2-strand fiber optic cable, or 10 CAT 6 - 3/4" dia</li> </ul>	 <p><b>CAT1224 Hammer-On Beam Clamp (40-pack)</b></p> <ul style="list-style-type: none"> <li>• Hammer-on beam clamp with attached CADDY CABLECAT J-Hook</li> <li>• 3/4" dia</li> </ul>	 <p><b>CAT21HP J-Hook</b></p> <ul style="list-style-type: none"> <li>• Provides optimal support for Cat 5e, Cat 6, Cat 6A, Cat 7 and fiber optic cables</li> <li>• 1-5/16" diameter</li> </ul>	 <p><b>CAT21HPBC26 J-Hook with BC26 Beam Clamp (50-pack)</b></p> <ul style="list-style-type: none"> <li>• 1-5/16" diameter</li> <li>• Rounded Edges</li> </ul>	 <p><b>CAT32HP J-Hook (50-pack)</b></p> <ul style="list-style-type: none"> <li>• Cost effective alternative to expensive cable tray</li> <li>• Galvanized finish for smoother cable pull &amp; corrosion resistance</li> <li>• 2" diameter</li> </ul>
 <p><b>CAT32HP4Z34 J-Hook with Multi-Function Clip (50-pack)</b></p> <ul style="list-style-type: none"> <li>• Attach to threaded rod or wire</li> <li>• 2" diameter • 1/4" rod size</li> </ul>	 <p><b>CAT32HP24 J-Hook with Hammer On Flange Clip (50-pack)</b></p> <ul style="list-style-type: none"> <li>• Requires only a hammer to install</li> <li>• Rotates 360 degrees</li> <li>• 2" diameter</li> </ul>	 <p><b>CATMTP (Plenum) (Shown) Mille Tie (100-pack)</b></p> <ul style="list-style-type: none"> <li>• 22" • Reusable • Red</li> </ul> <p><b>CATMTH (General Use) Mille Tie (100-pack)</b></p> <ul style="list-style-type: none"> <li>• 22" • Reusable • Black</li> </ul>	 <p><b>ESG1 Easy Snap Grommet (100-pack)</b></p> <ul style="list-style-type: none"> <li>• 360° protection for cable, conduit, etc. in metal studs</li> <li>• Fits into standard 1-11/32" field punched hole</li> </ul>	 <p><b>BC 100-PACK Beam Clamp</b></p> <ul style="list-style-type: none"> <li>• Beam clamp thru 1/2" flange</li> </ul>
 <p><b>2BRT32 Threaded Bridle Rings (100-pack)</b></p> <ul style="list-style-type: none"> <li>• 2" diameter • #10 metal screw</li> </ul>	 <p><b>4BRT20 Threaded Bridle Rings (100-pack)</b></p> <ul style="list-style-type: none"> <li>• 1.25" diameter • 1/4" metal screw</li> </ul>	 <p><b>4BRT32 Threaded Bridle Rings (100-pack)</b></p> <ul style="list-style-type: none"> <li>• 2" diameter • 1/2" metal screw</li> </ul>	 <p><b>4H24 Hammer-On Flange Clip, Side Mount (100-pack)</b></p> <ul style="list-style-type: none"> <li>• Provides an attachment for wire, S-hooks, chain, CADDY SPEED LINK or other assemblies to flanges and profiles</li> <li>• Installs with just a hammer</li> </ul>	 <p><b>CATCR50 Cable Retainer (25-pack)</b></p> <ul style="list-style-type: none"> <li>• 50mm, 2" diameter</li> <li>• Installs easily works with CAT 5e and higher, fiber optic and coaxial</li> <li>• Suitable for plenum</li> </ul>
 <p><b>CG4 Cable Gripper (100-pack)</b></p> <ul style="list-style-type: none"> <li>• Attaches to existing holes in metal studs without tools or with Metal Stud Punch (MSP20) or with screws, nails or staples</li> </ul>	 <p><b>MP1P Plastic Mounting Plate</b></p> <ul style="list-style-type: none"> <li>• Eliminates the need for an electrical box when installing low voltage Class 2 wiring</li> </ul>	 <p><b>MP1 Metal Mounting Plate</b></p> <ul style="list-style-type: none"> <li>• Eliminates the need for an electrical box when installing low voltage Class 2 wiring</li> </ul>	 <p><b>MP1S Metal Mounting Bracket</b></p> <ul style="list-style-type: none"> <li>• Attaches with self-tapping screws or nails</li> <li>• Works with 1/2" and 5/8" dry wall</li> </ul>	 <p><b>MPLS Single Gang Mounting Plate</b></p> <ul style="list-style-type: none"> <li>• Eliminates the need for an electrical box when installing low voltage Class 2 wiring</li> <li>• Single unit</li> <li>• With screws</li> </ul>

## Wire Channel Spools

**ICC ICACSWDS20**  
With wood screw  
(sold in bags of 10 only)

**ICC ICACSWDS10**  
Without wood screw (sold in bags of 10 only)



**S-20B** With #10 wood screw



## Distribution Rings



Model	Dimensions/Inches
DST-200 (D-I)	4.88/1.87/3.13/2.74
DST-300 (D-II)	6.12/3.11/4.39/3.74
DST-500 (D-III)	8.12/5.12/6.38/3.74

## Cable Hanger



Model	Dimensions/Inches
<b>S143</b>	1.73H x 1.5W x 3.35D

## LOCKING WALL MOUNT CABINETS



### WME6U 6U Wall Mount Cabinet

- 19" Standard installation for rack mount equipment
- 1.2MM Cold Rolled Steel
- Maximum rail depth: 13"
- Cage nut and Screws are included
- Front glass door with lock opens to 245 degree
- Keys and locks for front door, side panels
- Two fan mounting spots on the top: 4"x4"
- Locks for side panels included
- Weight Capacity (Static Load) : 130 lb.
- Shipping Weight: 34 lb.
- Finish: Black Powder Coated Enamel
- Height: 15"
- Width: 24"
- Depth: 18"
- Ships fully assembled!



### WME9U 9U Wall Mount Cabinet

- 19" Standard installation for rack mount equipment
- 1.2MM Cold Rolled Steel
- Maximum rail depth: 13"
- Cage nut and Screws are included
- Front glass door with lock opens to 245 degree
- Keys and locks for front door, side panels
- Two fan mounting spots on the top: 4"x4"
- Locks for side panels included
- Weight Capacity (Static Load) : 130 lb.
- Shipping Weight: 46 lb.
- Finish: Black Powder Coated Enamel
- Height: 20"
- Width: 18"
- Depth: 18"
- Ships fully assembled!



### WME12U 12U Wall Mount Cabinet

- 19" Standard installation for rack mount equipment
- 1.2MM Cold Rolled Steel • Maximum rail depth: 13"
- Cage nut and Screws are included
- Front glass door with lock opens to 245 degree
- Keys and locks for front door, side panels
- Two fan mounting spots on the top: 4"x4"
- Locks for side panels included
- Weight Capacity (Static Load) : 130 lb.
- Shipping Weight: 53 lb.
- Finish: Black Powder Coated Enamel
- Height: 25" • Width: 24" • Depth: 18"
- Ships fully assembled!

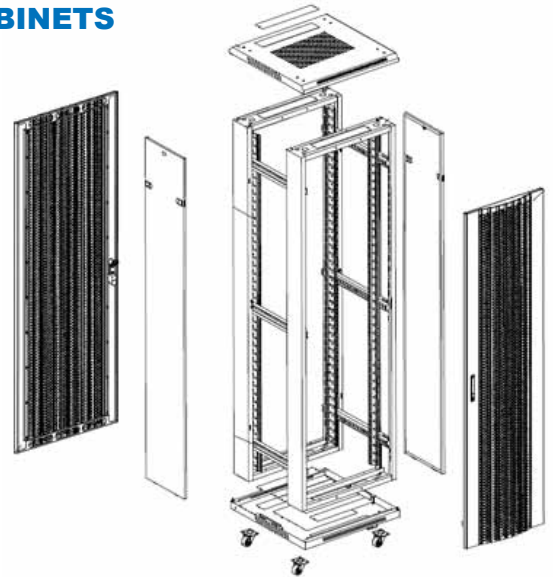
## LOCKING FLOOR CABINETS



**FME-E3-27U/600mm** 27U, 600mm Depth  
**FME-E3-27U/900mm** 27U, 900mm Depth

**FME-G3-42U/600mm** 42U, 600mm Depth  
**FME-G3-42U/1000mm** 42U, 1000mm Depth

- Organize and secure networking, storage and telecom equipment in data centers, server rooms and network cabinets
- Hexagonal reticular high-density vented design for front door and rear door enable equipment protection, ventilation and reliable operation, with turning angle above 120 degrees and airflow rate above 71%
- Removable side panels with locks for security
- Cable access from bottom or through 4 cable knockouts on top
- 2 sets of adjustable rails with U marks
- Freight or local pickup only



## ACCESSORIES



### WME-CASTERS

- Easily move your equipment when necessary; locking casters keep the cabinet from being moved accidentally.
- Set of 4 Casters
  - For WME9U • For WME12U • Locking



### WME-FAN (2 Fan Kit)

- Keep your valuable equipment properly cooled and running efficiently.
- 4-inch fans • 120VAC
  - Easy to Install



### 1U-Rack Fan-Temp

- Thermostat with digital display for automatic temperature adjustment
- Sturdy cold rolled steel construction with powder coated paint
- 1U height with 4 fans

### FME-DRAWER

- For FME floor cabinets above



### Cantilever Shelves

- WME-SHELF-8** 8" 2U Vented Shelf
- WME-SHELF-10** 10" 2U Vented Shelf
- WME-SHELF-12** 12" 2U Vented Shelf
- WME-SHELF-18** 18" 2U Vented Shelf
- WME-SHELF-18-3** 18" 3U Vented Shelf

**TARGET IS YOUR BEST SOURCE FOR PM POWER PRODUCTS**

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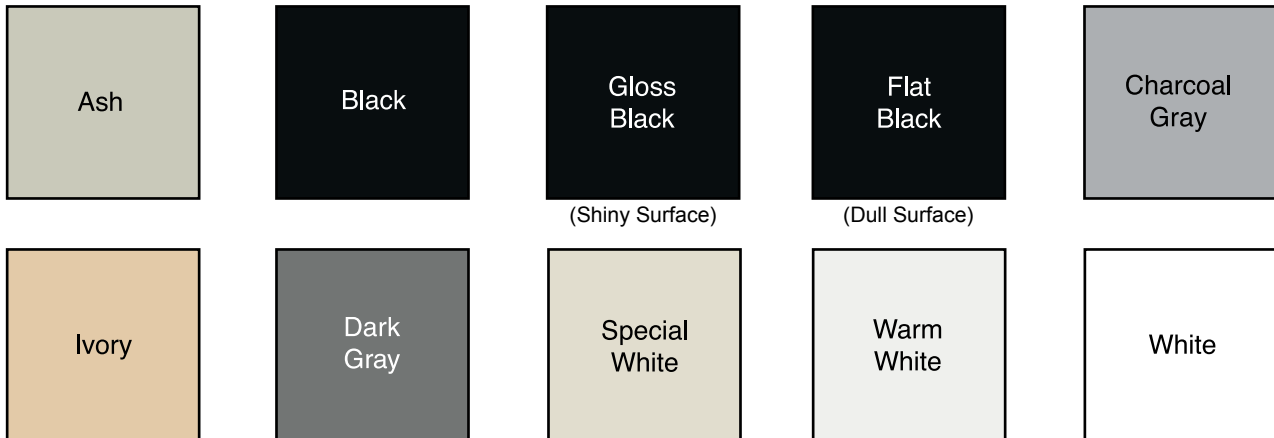


## COILED HANDSET CORDS

- L-H4DU-6-XX 6-Foot Handset Cord
- L-H4DU-12-XX 12-Foot Handset Cord
- L-H4DU-15-XX 15-Foot Handset Cord
- L-H4DU-25-XX 25-Foot Handset Cord

XX = Color

ASH = Ash, BK = Black, GB = Gloss Black, FB = Flat Black,  
 CG = Charcoal Gray, DQ = Pearl Gray IV = Ivory, LA = Light Ash,  
 DG = Dark Gray, SW = Special White, WW = Warm White, WH = White  
 These colors are in stock. Other colors available by special order.



The color chart shown above is a near accurate representation of the colors available. Dot gain and ink coverage during the printing of this catalog may affect how the colors actually look on this page.

### ICMP8P8CFT Plug

- 8P8C • 100-Pack • For stranded wires, flat line cord entry
- 28-24 AWG stranded



### MODULAR PLUGS



### ICMP8P8CRD Telephone Plug

- 8P8C • 100-Pack
- Accepts 28-24 AWG stranded wires • Round line cord entry.



### ICMP8P8C5E Telephone Plug, CAT 5e

- 8P8C • 100-Pack • For stranded wires, round CAT 5e UTP cables
- 1-piece with loading bar design



### ICMP8P8C6E Plug, CAT 6

- 8P8C
- 100-Pack
- For CAT 6, solid or stranded wire
- 24-23 AWG solid or stranded



### ICMP8P8C6S Plug, CAT 6

- 8P8C Shielded
- 100-Pack
- For CAT 6, solid or stranded wire
- 24-23 AWG solid or stranded



### ICMP8P8SRD Plug

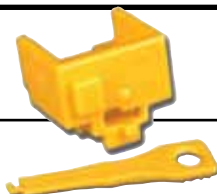
- 8P8C • 100-Pack
- Accepts 28-24 AWG solid wires • Oval entry



- ### L-3044 Modular Handset Plug
- RJ9/RJ22
  - 100-Pack



- ### L-3046 Modular Plug
- For 6P4C stranded wire
- ### L-3046R Modular Plug
- For 6P4C solid wire
- RJ-11 • 100-Pack



- ### Siemon LL-05 LockIT RJ45 Outlet Lock
- Bag of 10
  - Includes 1 LockIT Universal Key

- ### Siemon LKEY-05 LockIT Universal Key
- Bag of 10

The LockIT Outlet Lock fits securely into any standards compliant RJ45 outlet or LC Fiber adapter to block access to the port

- The LL-05 outlet/adapter lock simply snaps into empty ports
- The LKEY-05 universal key unlocks the outlet/adapter lock



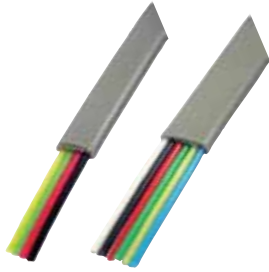
- ### P-6-4 Modular Plug
- 6P4C • 250-Pack
  - For solid or stranded wire



- ### P-6-6 Modular Plug
- 6P6C • 250-Pack
  - For solid or stranded wire



- ### P-8-8 Modular Plug
- 8P8C • 250-Pack
  - For solid or stranded wire
  - Amp compatible



**Silver Satin Telephone Line Cord  
D4BUCU28SS**

- Flat Line Cord** 4 Conductor 26AWG Bare Copper, Flat, Silver Satin, 1000ft
- 4 Conductor Flat Modular Cord
  - High quality 26AWG bare copper conductors

**D4BUCU26BK (Black – not shown)**

- Flat Line Cord** 4 Conductor 26AWG Bare Copper, Flat, Black, 1000ft
- 4 Conductor Flat Modular Cord
  - High quality 26AWG bare copper conductors



**Plenum-Rated Speaker Wire**

Audio/video installations in educational and commercial settings often require plenum-rated cabling. This wire is constructed from two color-coded 18 AWG twisted pair copper cables (one red, one black) to ensure easy identification. The speaker wire is twisted within a naturally colored jacket for easier pulling and installation. Each conductor is made from seven strands of 26 AWG copper wires and features 100% foil shield with stranded copper drain wire for easy grounding connections. CMP rating meets building code requirements to run within walls and air plenums without the need for conduit. Wire shows footage markers for easy length tracking.

**442320-B500 Shielded Plenum Speaker Wire**

- 500-feet • 18 gauge/2-cond. • White • 500-foot pull box

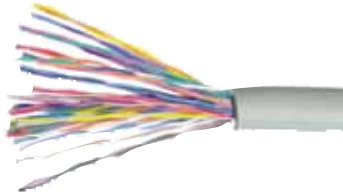
**442320-B500-GY Shielded Plenum Speaker Wire**

- 500-feet • 18 gauge/2-cond. • Gray • 500-foot pull box

**442380-500 Plenum Speaker Wire**

- 500-feet • 18 gauge/4-cond. • White • 500-foot pull box

1/2 also available as special order and custom length. Call for pricing.



**CAT3 and CAT5e 25-Pair PVC and Plenum Cables**

- Small diameter and flexible construction with stable cable geometry.
- Ideally suited for backbone, cross-connect and pre-connectorized assemblies.
- Supports current networking protocols
- Simplified structured cabling solution preserving long-term network investment
- High-performance multi-pair cable assemblies compatible with today's most common network interconnections.
- Characterized to 250 MHz, 150 MHz greater than the standard
- 24 AWG bare copper wire insulated with polyethylene (non-plenum)
- Two layer core construction jacketed in flame-retardant PVC (non-plenum).

**Sold By The Foot!**

- |                  |  |
|------------------|--|
| <b>IW2450L3</b>  | CAT3 25-Pair <b>PVC (Drop Ship Only)</b>     |
| <b>IW2450L5</b>  | CAT5e 25-Pair <b>PVC (Drop Ship Only)</b>    |
| <b>IW24200L3</b> | CAT3 100-Pair <b>PVC (Drop Ship Only)</b>    |
| <b>PIW2450L5</b> | CAT5e 25-Pair <b>Plenum (Drop Ship Only)</b> |



**CAT6 Direct Burial Cable**

This Cat 6 cable is a high performance data communication cable suitable for high-speed data applications. It has excellent attenuation and crosstalk characteristics and exceeds TIA/EIA-568-C.2 specification. This ethernet cable is designed for direct burial outdoor network installations and is approved by ETL to be type CMX. The wires are 23 awg in size and are made of solid bare (pure) copper conductors. All 4 pairs are easily identified by color-stripes.

- 23 awg wires made of solid bare copper conductors
- Exceeds TIA/EIA-568-C.2
- CSA and ISO/IEC 11801 specifications

**Sold By The Foot!**

- IW2408L6-OSP-CUT** Cat6 Solid Direct Burial Cable
- Gel filled to prevent water seeping
  - Per Foot – Made to Order (**Drop Ship Only**)

## CROSS CONNECT WIRE



**7023864**  
Plastic Spool  
Red/White – White/Red



**7023708**  
Plastic Spool  
Blue/White – White/Blue



**7023781**  
Plastic Spool  
Green/White – White/Green



**7023773**  
Plastic Spool  
Orange/White – White/Orange

- 24 AWG solid bare annealed copper • Flame-retardant semi-rigid PVC • Two twists per foot minimum • 1000' spool (SP) • Suitable for voice and data transmission up to 4 Mbps
- For cross-connecting between terminals of a distribution frame or other premise equipment • NEC/CEC Type CM (UL 1685-2000) • Category 2 compatible

**TARGET HAS WIRE AND CABLE FOR VIRTUALLY ANY APPLICATION**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## BECOME AN ICC ELITE INSTALLER AND REAP THE BENEFITS

The Elite Installer™ Program is a reseller program that forms partnership and loyalty between installers and ICC. By signing up as an Elite Installer your company will receive exclusive privileges directly from ICC and earn rewards for using ICC products. Also by advancing to a Certified Elite Installer with a Master Technician you will also qualify to offer a Lifetime Performance Limited Warranty. With manufacturer support behind your company, every project will be installed with confidence.

### Take the First Step and Become an Elite Installer™ (EI)

1. Complete EI Online Form at [icc.com/Elite](http://icc.com/Elite)
2. Free to sign up!

#### Benefits:

- Offer 15-Year Performance Limited Warranty
- Project Discounts
- Sales Promotions/Project Rebates
- Priority Tech Support
- Elite Installer Certificate
- Priority Shipping
- Reward Points
- New Product Notifications
- CAD Drawing Usage



### Take the Next Step and Become a Certified Elite Installer™ (CEI)

1. Complete CEI Agreement & CEI Registration Form
2. Must purchase ICC products (invoices required)
3. Must pay \$299 which includes:
  - Certified Elite Installer Certificate (valid for 5 yrs.)
  - 1 FREE Master Technician Training Course

#### Benefits:

- Offer Lifetime Performance Limited Warranty
- Site Verifications
- Certified Elite Installer Certificate
- Free Training
- Free Tools
- Free Product Samples
- Project Kitting and Staging
- Business Referrals
- Written Success Stories
- Plus more



Benefits	Elite Installer™	Certified Elite Installer™
15-Year Warranty	✓	✓
Project Discounts	✓	✓
Sales Promotions/Project Rebates	✓	✓
Priority Tech Support	✓	✓
Elite Installer Certificate	✓	✓
Priority Shipping	✓	✓
Reward Points	✓	✓
New Product Notifications	✓	✓
CAD Drawing Usage	✓	✓
Lifetime Warranty		✓
Site Verification		✓
Certified Elite Installer Certificate		✓
Free Training		✓
Free Tools		✓
Free Product Samples		✓
Project Kitting and Staging		✓
Business Referrals		✓
Written Success Stories		✓
Project Assistance		✓
ICC Media Library Usage		✓







**USE ICC WIRE AND OFFER A LIFETIME PERFORMANCE LIMITED WARRANTY**

**IN STOCK IN OUR EAST COAST WAREHOUSE!**

**CMR (Riser) vs. CMP (Plenum)**

- Use Riser Rated Cable in vertical settings, such as cable runs between floors through cable risers. These spaces cannot be used for environmental air. The cable must self-extinguish to prevent the flame from traveling up the cable.
- Use Plenum Rated Cable in spaces like raised flooring systems and air handling ducts. Plenum cable must self-extinguish and not reignite. They produce less smoke than traditional PVC cable.

**CMR – PVC – 1000 Foot Boxes/Reels**



**CAT5<sup>e</sup>**

**ICCABR5EXX**

- CAT5e 350MHz
- 4-Pair, 24 AWG, UTP, solid copper cable
- 0.177" outer diameter
- Packaged in an EZ pull box; 14.37" H x 8.97" W x 14.56" D
- 1000 feet per box (305 meters)
- 22.66 lbs Ship weight

XX = BL, GN, GY, WH, YL



**CAT6**

**ICCABR6VXX**

- CAT6 500MHz
- **No spline**
- 4-Pair, 23 AWG, UTP, solid copper cable
- 0.039" outer diameter
- Packaged in an EZ pull box; 14.57" H x 9.45" W x 15.35" D
- 1000 feet per box (305 meters)
- 28.5 lbs Ship weight

XX = BL, GN, GY, WH, YL



**CAT6**

**ICCABR6EXX**

- CAT6<sub>e</sub> 600MHz
- Includes spline
- 4-Pair, 23 AWG, UTP, solid copper cable
- 0.234" outer diameter
- Packaged in an EZ pull box; 15.55" H x 9.60" W x 15.75" D
- 1000 feet per box (305 meters)
- 29.9 lbs Ship weight

XX = BL, GN, GY, WH, YL



**CAT6<sup>o</sup>**

**ICCABR6AXX**

- CAT6<sub>A</sub> 650MHz
- 4-Pair, 23 AWG, UTP, solid copper cable
- Includes spline
- 0.34" outer diameter
- Packaged on a reel; 13.0" H x 17.3" W
- 1000 feet per reel (305 meters)
- 54.2 lbs Ship weight

XX = BL, WH



**CAT6<sup>o</sup>**

**ICCABR6FBL**

- CAT6<sub>A</sub> 650MHz
- 4-Pair, 23 AWG, FTP, solid copper cable
- Includes spline
- 0.34" outer diameter
- Packaged on a reel; 13.0" H x 17.3" W
- 1000 feet per reel (305 meters)
- 50.7 lbs Ship weight

• Blue only

**CMP – PLENUM – 1000 Foot Boxes/Reels**



**CAT5<sup>e</sup>**

**ICCABP5EXX**

- CAT5e 350MHz
- 4-Pair, 24 AWG, UTP, solid copper cable
- 0.177" outer diameter
- Packaged in an EZ pull box; 14.37" H x 8.97" W x 14.56" D
- 1000 feet per box (305 meters)
- 22.4 lbs Ship weight

XX = BL, GN, GY, WH, YL



**CAT6**

**ICCABP6VXX**

- CAT6 500MHz
- 4-Pair, 23 AWG, UTP, solid copper cable
- 0.039" outer diameter
- Packaged in an EZ pull box; 14.57" H x 9.45" W x 15.35" D
- 1000 feet per box (305 meters)
- **No spline**
- 29.2 lbs Ship weight

XX = BL, GN, GY, WH, YL



**CAT6**

**ICCABP6EXX**

- CAT6<sub>e</sub> 600MHz
- Includes spline
- 4-Pair, 23 AWG, UTP, solid copper cable
- 0.234" outer diameter
- Packaged in an EZ pull box; 15.55" H x 9.60" W x 15.75" D
- 1000 feet per box (305 meters)
- 29.7 lbs Ship weight

XX = BL, GN, GY, WH, YL



**CAT6<sup>o</sup>**

**ICCABP6AXX**

- CAT6<sub>A</sub> 650MHz
- 4-Pair, 23 AWG, UTP, solid copper cable
- Includes spline
- 0.34" outer diameter
- Packaged on a reel; 13.0" H x 17.3" W
- 1000 feet per reel (305 meters)
- 59.9 lbs Ship weight

XX = BL, WH



**CAT6<sup>o</sup>**

**ICCABP6FBL**

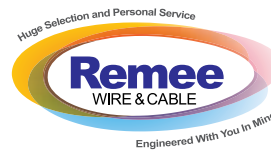
- CAT6<sub>A</sub> 650MHz
- 4-Pair, 23 AWG, FTP, solid copper cable
- Includes spline
- 0.34" outer diameter
- Packaged on a reel; 13.0" H x 17.3" W
- 1000 feet per reel (305 meters)
- 53.1 lbs Ship weight

• Blue only

**TARGET IS YOUR BEST SOURCE FOR ICC**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

# WIRE and CABLE



Committed to providing **high quality made in the USA** products, Reme Wire & Cable is large enough to handle volume but small enough to provide quick turn-around & develop customized products for our customers. We manufacture both common and customized products at our facility in Orange County, NY. **Remember, Reme is Your Single Source Supplier for All Your Low Voltage Wire and Cable Needs.**

## Indoor/Outdoor Rated High Strand Speaker Wire

- CH1000FL2W  
14/2 105 STR RISER 500' BOX WHITE
- CH1024FL2W  
14/4 105 STR RISER 500' BOX WHITE
- CH1002FL2W  
16/2 65 STR RISER 500' BOX WHITE
- CH1023FL2W  
16/4 65 STR RISER 500' BOX WHITE
- 1,000' Boxes Also Available



## Access Control Cable- 18/4+22/6 SH+22/2+22/4 with OVERALL JACKET

- R00907M1Y NON PLENUM 1K REEL YELLOW
- R00907L1Y NON PLENUM 500' REEL YELLOW
- 725901M1Y PLENUM 1K REEL YELLOW
- 725901L1Y PLENUM 500' REEL YELLOW



## COAX for CCTV/CATV NON PLENUM

- R001563WRM1B RG6/U 60% NON PLENUM, Black 1K REEL
- R001563WRM1W RG6/U 60% NON PLENUM, White 1K REEL
- R001564WRM1B RG6/U 18 AWG 60% 40% AL CW BLACK 1K REEL
- R001564WRM1W RG6/U 18 AWG 60% 40% AL CW WHITE 1K REEL
- R001586RM1B RG11/U 14 AWG BCW AL CMR BLACK 1K REEL
- R001510RM1B RG59/U 20 AWG BC CCA CMR BLACK 1K REEL
- R001535RM1B RG59/U 20AWG 2/C 18AWG CM, Black 1K REEL
- R001535RM1W RG59/U + 2/C 18AWG SIAMESE CCTV WHITE 1K REEL
- R001536M1B RG6 + 2/C 18AWG SIAMESE CCTV CM 1K REEL

• Available in 1K & 500' Reels/Boxes



## COAX CCTV/CATV PLENUM

- 725103M1W RG6/U QUAD SHIELD CATV CMP 1K REEL WHITE
- 725105/60M1W RG6/U 60% BRAID + FOIL CATV CMP 1K REEL WHITE
- 725107M1W RG 11/U 60% BRAID + FOIL CATV CMP 1K REEL WHITE
- 725102M1W RG59/U 20AWG 95% BRAID CCTV CMP 1K REEL WHITE
- 725105/95M1W RG6/U 18AWG 95% BRAID CCTV 1K REEL WHITE
- 725113M1W RG6/U 18AWG 95% TIN BRAID + FOIL CMP 1K REEL WHITE
- 725526M1W RG59/U + 18/2 SIAMESE CCTV CMP 1K REEL WHITE
- 725536M1W RG6/U + 18/2 SIAMESE CCTV CMP 1K REEL WHITE



## Fiber Optic Cable

Reme has been manufacturing fiber optic cable for decades and has invested in the manufacturing of fiber optic cables in order to keep pace with changing technologies. In order to continue to produce the highest quality product, they provide: testing, scheduling and training specific to fiber optic cables.

### They produce:

- Indoor & outdoor fiber optic cable
- Armored & unarmored configurations
- Polyethylene, Low Smoke Zero Halogen & PVC jacket types
- 2 – 288 fibers
- SM, MM, OM3 & OM4 configurations
- 10 GIG fiber types

Their fiber optic cable is suited for most applications including demanding conditions such as:

- Transit • Mining • Light rail • Wind farms
- Data centers - REMCORE, Reme's Smaller OD Cables

The models listed below are some of the most popular fiber products we carry, but if Reme makes it we can get it for you — so let Target and Reme help you get the exact fiber product you're looking for. (MOQ may apply on certain configurations).

### 11-006-12S-AANOOF-M1

6FIBER OM3 TB I/O OFNR 1M' REEL AQUA

### 11-012-12S-AANOOF-M1

12FIBER OM3 TB I/O OFNR 1M' REEL AQUA

### 11-006-22J-AZNOOF-M1

6FIBER 62.5 TB I/O OFNR 1M' REEL ORANGE

### 11-012-22J-AZNOOF-M1

12FIBER 62.5 TB I/O OFNR 1M' REEL ORANGE

### 11-006-76E-AYNOOF-M1

6FIBER SM TB I/O OFNR 1M' REEL YELLOW

### 11-012-76E-AYNOOF-M1

12FIBER SM TB I/O OFNR 1M' REEL YELLOW

### 33-006-12S-RANOOP-M1

6FIBER OM3 TB I/O PLEN 1M' REEL AQUA

### 33-012-12S-RANOOP-M1

12FIBER OM3 TB I/O PLEN 1M' REEL AQUA

### 33-006-22J-RZNOOP-M1

6FIBER 62.5 TB I/O PLEN 1M' REEL ORANGE

### 33-012-22J-RZNOOP-M1

12FIBER 62.5 TB I/O PLEN 1M' REEL ORANGE

### 33-006-76E-RYNOOP-M1

6FIBER SM TB I/O PLEN 1M' REEL YELLOW

### 33-012-76E-RYNOOP-M1

12FIBER SM TB I/O PLEN 1M' REEL YELLOW

### CODES:

11 Series = Riser (OFNR)  
 33 Series = Plenum (OFNP)  
 TB = tight buffer  
 I/O = indoor/outdoor  
 OM3 = 50 Micron OM3 Multi Mode  
 62.5 = 62.5 Micron Multi Mode OM1  
 SM = Single Mode OS2  
 Plen = Plenum Rated  
 1M' = 1,000'  
 RL = Reel

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E-MAIL – [TGSales@targetdist.com](mailto:TGSales@targetdist.com) • INTERNET – [www.targetd.com](http://www.targetd.com)



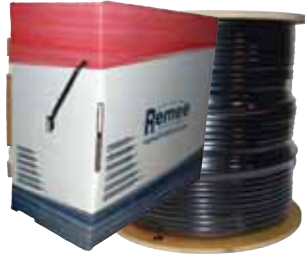
# WIRE and CABLE



Committed to providing **high quality made in the USA products**, Remees Wire & Cable is large enough to handle volume but small enough to provide quick turn-around & develop customized products for our customers. We manufacture both common and customized products at our facility in Orange County, NY. **Remember, Remees is Your Single Source Supplier for All Your Low Voltage Wire and Cable Needs.**

### Category 5E Premise Cable

- Cable is swept to 350Mhz
- ETL listed, ETL Verified & ROHS compliant
- Performance Warranty (Lifetime)
- 100% pure copper
- 1000 to 0 Ft. Markings



### CAT 5E Riser 1,000' pull box

- 5AE244UTPRM2W CAT5E 4 PR 24AWG CMR, 1K BOX White
- 5AE244UTPRM2B CAT5E 4 PR 24AWG CMR, 1K BOX Black
- 5AE244UTPRM2E CAT5E 4 PR 24AWG CMR, 1K BOX Green
- 5AE244UTPRM2R CAT5E 4 PR 24AWG CMR, 1K BOX Red
- 5AE244UTPRM2V CAT5E 4 PR 24AWG CMR, 1K BOX Violet
- 5AE244UTPM2Y CAT5E 4 PR 24AWG CMR, 1K BOX Yellow
- 5AE244UTPM2Z CAT5E 4 PR 24AWG CMR, 1K BOX Orange
- 5AE244UTPM2G CAT5E 4 PR 24AWG CMR, 1K BOX Gray

### CAT 5E Riser – Shielded 1,000' pull box

- 5AE244STPM1O CAT5E 4PR 24AWG SHLD CMR, 1K REEL Blue
- 5AE244STPM1W CAT5E 4PR 24AWG SHLD CMR, 1K REEL White

### Category 5E Direct Burial – Poly/Outside Plant

- 5AEFLDM1B CAT5E 24AWG 4PR FLD PLY JKT, 1K REEL Black
- 5AEFLDMESSM1B CAT 5E FLD W/MESS POLY JKT, 1K REEL Black

### CAT 5E Shielded Poly, 1,000' reel

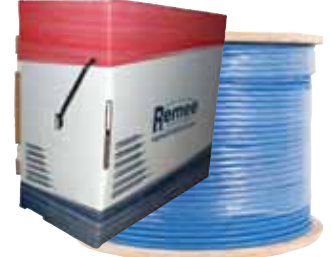
- 5AE350STP/POLYM1B Cat 5E 24AWG 4PR SH PLY JKT, 1K REEL BLACK

### Cat 5E Plenum 1,000' pull box

- 5BE244UTPM2W CAT 5E 350Mhz UL CMP, 1K BOX White
- 5BE244UTPM2B CAT 5E 350Mhz UL CMP, 1K BOX Black
- 5BE244UTPM2R CAT 5E 350Mhz UL CMP, 1K BOX Red
- 5BE244UTPM2Y CAT 5E 350Mhz UL CMP, 1K BOX Yellow
- 5BE244UTPM2Z CAT 5E 350Mhz UL CMP, 1K BOX Orange
- 5BE244UTPM2G CAT 5E 350Mhz UL CMP, 1K BOX Gray
- 5BE244UTPM2E CAT 5E 350Mhz UL CMP, 1K BOX Green
- 5BE244UTPM2V CAT 5E 350Mhz UL CMP, 1K BOX Violet
- 5BE244UTPM2P CAT 5E 350Mhz UL CMP, 1K BOX Pink
- 5BE244UTPM2O CAT 5E 350Mhz UL CMP, 1K BOX Blue

### Category 6 Premise Wire

- Cable is swept to 550Mhz
- ETL listed, ETL Verified & ROHS compliant
- Performance Warranty (Lifetime)
- 100% pure copper
- 1000 to 0 Ft. Markings



### Cat 6 Riser 1,000' pull box

- 6RNSM2O Cat 6 550Mhz CMR, 1K BOX Blue
- 6RNSM2B Cat 6 550Mhz CMR, 1K BOX Black
- 6RNSM2R Cat 6 550Mhz CMR, 1K BOX Red
- 6RNSM2Y Cat 6 550Mhz CMR, 1K BOX Yellow
- 6RNSM2Z Cat 6 550Mhz CMR, 1K BOX Orange
- 6RNSM2N Cat 6 550Mhz CMR, 1K BOX Brown
- 6RNSM2W Cat 6 550Mhz CMR, 1K BOX White
- 6RNSM2E Cat 6 550Mhz CMR, 1K BOX Green

### Cat 6 Shielded 1,000' Reel

- 6RF234STPENHM1W CAT 6 shielded 550Mhz CMR 1K REEL White
- 6RF234STPENHM1O CAT 6 shielded 550Mhz CMR 1K REEL Blue

### Cat 6A 10 GIG

- 6UA234UTPRM1O Cat6A 23 AWG 4PR 10 GIG CMR, 1K RL Blue
- 6UB234UTPM1O Cat6A 23 AWG 4PR 10 GIG PLENUM, 1K RL Blue

### Cat 6 Plenum 1,000' pull box

- 6BNSM2B CAT 6 PLENUM 550 MHz, 1K BOX Black
- 6BNSM2E CAT 6 PLENUM 550 MHz, 1K BOX Green
- 6BNSM2G CAT 6 PLENUM 550 MHz, 1K BOX Gray
- 6BNSM2O CAT 6 PLENUM 550 MHz, 1K BOX Blue
- 6BNSM2R CAT 6 PLENUM 550 MHz, 1K BOX Red
- 6BNSM2V CAT 6 PLENUM 550 MHz, 1K BOX Violet
- 6BNSM2Y CAT 6 PLENUM 550 MHz, 1K BOX Yellow
- 6BNSM2Z CAT 6 PLENUM 550 MHz, 1K BOX Orange
- 6BNSM2W CAT 6 PLENUM 550 MHz, 1K BOX White

### Cat 6 Plenum Shielded

- 6B234STPENHM1O Cat 6 PLENUM 550Mhz SHIELDED, 1K Blue
- 6B234STPENHM1W Cat 6 PLENUM 550Mhz SHIELDED, 1K White



### Audio/Security Shielded\*

- 900912RM1G 18/2 STR BC F/S 1K GREY RL
- 900913RM1G 18/3 STR BC F/S 1K GREY RL
- 900914RM1G 18/4 STR BC F/S 1K GREY RL
- 900942RM2G 22/2 STR BC F/S 1K GREY RL
- 900944RM2G 22/4 STR BC F/S 1K Grey Pull Box
- 900946RM2G 22/6 STR BC F/S 1K Grey Pull Box
- 900948RM2G 22/8 STR BC F/S 1K Grey Pull Box

### Riser Rated

- 18/2 STR BC F/S 1K GREY RL
- 18/3 STR BC F/S 1K GREY RL
- 18/4 STR BC F/S 1K GREY RL
- 22/2 STR BC F/S 1K GREY RL
- 22/4 STR BC F/S 1K Grey Pull Box
- 22/6 STR BC F/S 1K Grey Pull Box
- 22/8 STR BC F/S 1K Grey Pull Box

### Audio/Security Shielded\*

- 900912RM1G
- 900913RM1G
- 900914RM1G
- 900942RM2G
- 900944RM2G
- 900946RM2G
- 900948RM2G

### Riser Rated

- 18/2 STR BC F/S 1K GREY RL
- 18/3 STR BC F/S 1K GREY RL
- 18/4 STR BC F/S 1K GREY RL
- 22/2 STR BC F/S 1K GREY RL
- 22/4 STR BC F/S 1K Grey Pull Box
- 22/6 STR BC F/S 1K Grey Pull Box
- 22/8 STR BC F/S 1K Grey Pull Box

### Audio/Security Shielded\*

- 725121M1W
- 725141M1W
- 725161M1W
- 725163M1W
- 725181M2W
- 725183M1W
- 725185M1W
- 725187M1W
- 725189M1W
- 725221M1W
- 725223M1W
- 725227M2W
- 725228SM2W

### Plenum Rated

- 12/2 STR SHLD PLENUM 1K White RL
- 14/2 STR SHLD PLENUM 1K White RL
- 16/2 STR SHLD PLENUM 1K White RL
- 16/4 STR SHLD PLENUM 1K White RL
- 18/2 STR SHLD PLENUM 1K White RL
- 18/3 STR SHLD PLENUM 1K White RL
- 18/4 STR SHLD PLENUM 1K White RL
- 18/6 STR SHLD PLENUM 1K White RL
- 18/8 STR SHLD PLENUM 1K White RL
- 22/2 STR SHLD PLENUM 1K White RL
- 22/4 STR SHLD PLENUM 1K White RL
- 22/4 STR SHLD PLENUM 1K White RL
- 22/6 STR SHLD PLENUM 1K White RL

\*12 gauge to 22 gauge is available in shielded, non-shielded and plenum & non-plenum.

**Remees: Your Single Source Supplier for All Your Low Voltage Wire & Cable Needs 167**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**





## The Hitachi Cable Warranty

Hitachi Cable America, through its certified installers, offers a lifetime product and performance warranty on all registered projects. This warranty covers not only HCA™ cable, but the connectivity as well. So, if you are installing a solution that includes Hitachi Brand Category 5e, 6 or 6A cables, and connectivity from manufacturers like Hubbell, HellermanTyton, Simon or Leviton, you can have the benefit of a lifetime warranty.

### Category 5e & 6 OUTDOOR

#### Category 5e Outdoor



#### Category 6 Outdoor



- REACH & RoHS 2 compliant.
- Category 5e tested to 400 MHz. • Category 6 tested to 660 MHz.
- Suitable for direct burial, lashed aerial, duct & underground conduit applications.
- Cable core flooded with water-blocking gel.
- Rugged black polyolefin jacket. • UV resistant jacket
- Supports up to 80 watts of PoE power

#### Applications:

1000 Base-T gigabit Ethernet, 100 Base-T Ethernet, 10 Base-T Ethernet, Broadband video

Part#	Description	Ship Weight
30145-8	Category 5e, Black, 1000-foot Reel	25.75 lbs.
30180-8	Category 6, Black, 1000-foot Reel	34.65 lbs.

### Category 5e Power+™ PoE Cable PLENUM



- REACH & RoHS 2 Compliant
- Supports up to 140 watts.
- Exceeds limited power requirements of PoE standard IEEE 802.3bt
- Applications include cameras, access points, lighting, video and more.
- Tested by Underwriters Laboratories (UL) for maximum power capacity.
- Ensures safe support of low voltage devices (<60v DC).
- Mitigates temperature rise associated with cable bundles.
- UL Verified Category 5e TIA-568-C.2
- Cable Component tested to 400 MHz
- Supports all applications intended for Category 5e including gigabit Ethernet.

#### Applications:

1000 Base-T gigabit Ethernet, 100 Base-T Ethernet, 10 Base-T Ethernet, Access points, video, PoE lighting

Part#	Description	Ship Weight
303105-8	Category 5e, Blue, 1000-foot Reel	31.52 lbs.

### Category 6 ECO PLENUM

- Tested from 1 to 555 MHz
- No Internal Pair Separator
- Component Compliant to TIA Category 6 Cable Requirements
- Small Outside Diameter Permits More Cables per Conduit than typical Category 6 Cable
- Packaged in a box made with recycled materials
- Packaged in a smaller box than typical Category 6 cable
- Low-Smoke Flame-Retardent Thermoplastic Jacket
- Available with a Lifetime Warranty\* (installer certification required) • UL Verified for Category 6 Performance



Part#	Description	Ship Weight
30237-8-BL-2	Blue, 1000-foot Box	26.0 lbs
30237-8-WH-2	White, 1000-foot Box	26.0 lbs
30237-8-YL-2	Yellow, 1000-foot Box	26.0 lbs
30237-8-GA-2	Gray, 1000-foot Box	26.0 lbs

### Category 6 ECO RISER

- Tested from 1 to 555 MHz
- No Internal Pair Separator
- Component Compliant to TIA Category 6 Cable Requirements
- Small Outside Diameter Permits More Cables per Conduit than typical Category 6 Cable
- Packaged in a box made with recycled materials
- Packaged in a smaller box than typical Category 6 cable
- Flame-Retardent Thermoplastic Jacket
- Available with a Lifetime Warranty\* (installer certification required) • UL Verified for Category 6 Performance



Part#	Description	Ship Weight
30238-8-BL-2	Blue, 1000-foot Box	23.12 lbs
30238-8-WH-2	White, 1000-foot Box	23.12 lbs
30238-8-YL-2	Yellow, 1000-foot Box	23.12 lbs
30238-8-GA-2	Gray, 1000-foot Box	23.12 lbs



- Manufacturing cable in the U.S. since 1986
- Fast, responsive tech support that understands installation
- All products are RoHS & REACH compliant
- Durable Reellex™ boxes with 2 rip-resistant handles
- Large, bold print ensures you grab the right box
- Over 3,500 different copper & fiber optic cable products
- Packaging that is easy to use and store
- Robust, high quality designs
- Reverse sequential footage markings on 4-pair cable
- **The best warranty in the industry!**

## Enhanced Category 6 PLUS PLENUM

- Tested from 1 to 555 MHz
- RoHS compliant
- Accommodates 1-Gigabit Ethernet
- Low-Smoke Flame-Retardent Thermoplastic Jacket
- 1000-Foot Box with Rip Resistant Handles
- Performance Tested Beyond the Category 6 Level



Part#	Description	Ship Weight
<b>30025-8-BL-2</b>	Blue, 1000-foot Box	26.0 lbs
<b>30025-8-WH-2</b>	White, 1000-foot Box	26.0 lbs
<b>30025-8-YL-2</b>	Yellow, 1000-foot Box	26.0 lbs
<b>30025-8-GA-2</b>	Gray, 1000-foot Box	26.0 lbs

## Enhanced Category 6 PLUS RISER

- Tested from 1 to 555 MHz
- RoHS compliant
- Accommodates 1-Gigabit Ethernet
- Low-Smoke Flame-Retardent Thermoplastic Jacket
- 1000-Foot Box with Rip Resistant Handles
- Performance Tested Beyond the Category 6 Level



Part#	Description	Ship Weight
<b>30024-8-BL-2</b>	Blue, 1000-foot Box	26.0 lbs
<b>30024-8-WH-2</b>	White, 1000-foot Box	26.0 lbs
<b>30024-8-YL-2</b>	Yellow, 1000-foot Box	26.0 lbs
<b>30024-8-GA-2</b>	Gray, 1000-foot Box	26.0 lbs

## Category 6A 10G-XE PLENUM

- Small OD minimizes cable congestion in small telecommunication closets
- Noise Control Barrier™ improves immunity to Alien Crosstalk and to EMI/RFI
- EMI/RFI immunity nearly equal to fully shielded/bonded cable design
- UTP design enables compatibility with all 6A compliant unshielded connectivity
- Demonstrated zero Link-Loss events during EMC testing
- UL verified Category 6A TIA-568-C.2
- Cable Component tested to 660 MHz
- Supports 10 Gbps and emerging applications such as 2.5 Gbps & 5 Gbps to 100m
- 4-pair PoE applications including IEEE 802.3bt 100Watts



Part#	Description	Ship Weight
<b>30303-8-BL-4</b>	Cat 6A, Blue, 1000-ft Reel-in-Box	40.34 lbs.
<b>30303-8-WH-4</b>	Cat 6A, White, 1000-ft Reel-in-Box	40.34 lbs.
<b>30303-8-YL-4</b>	Cat 6A, Yellow, 1000-ft Reel-in-Box	40.34 lbs.
<b>30303-8-GA-4</b>	Cat 6A, Gray, 1000-ft Reel-in-Box	40.34 lbs.

## Category 6A 10G-XE RISER

- Small OD minimizes cable congestion in small telecommunication closets
- Noise Control Barrier™ improves immunity to Alien Crosstalk and to EMI/RFI
- EMI/RFI immunity nearly equal to fully shielded/bonded cable design
- UTP design enables compatibility with all 6A compliant unshielded connectivity
- Demonstrated zero Link-Loss events during EMC testing
- UL verified Category 6A TIA-568-C.2
- Cable Component tested to 660 MHz
- Supports 10 Gbps and emerging applications such as 2.5 Gbps & 5 Gbps to 100m
- 4-pair PoE applications including IEEE 802.3bt 100Watts



Part#	Description	Ship Weight
<b>30304-8-BL-4</b>	Cat 6A, Blue, 1000-ft Reel-in-Box	40.34 lbs.
<b>30304-8-WH-4</b>	Cat 6A, White, 1000-ft Reel-in-Box	40.34 lbs.
<b>30304-8-YL-4</b>	Cat 6A, Yellow, 1000-ft Reel-in-Box	40.34 lbs.
<b>30304-8-GA-4</b>	Cat 6A, Gray, 1000-ft Reel-in-Box	40.34 lbs.

**TARGET IS YOUR BEST SOURCE FOR HCM BRAND CABLE**

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# FIBER OPTICS

# HITACHI

Inspire the Next

Hitachi Cable America (HCA) manufactures all its HCA™ brand fiber optic cable at our Manchester, NH facility. To ensure the highest level of performance possible, we utilize the very best optical glass available. Clear Curve™ optical glass from Corning is standard in all our multimode cables. This glass is extremely bend insensitive and, therefore, offers the best throughput possible. And, since it is similar in construction to all other optical glass, it is easy to install and terminate. All HCA™ fiber optic cables are available with singlemode glass as well. And, when HCA™ fiber optic cables are used in a certified installation, they are covered by a lifetime warranty.



## APPLICATIONS GUIDE

IEEE standard	Wavelength	Fiber type	Length (m)
1000BASE-LX	1300nm	OM1	550
		OM2	550
		SM	>2,000
1000BASE-SX	850nm	OM1	220
		OM2	550
		OM3	>550
10GBASE-SR	850nm	OM1	33
		OM2	82
		OM3	300
		OM4	550
10GBASE-LRM	1310nm	OM1	220
		OM3	260
10GBASE-LX4	1300nm	MM	240-300
		SM	10,000



Indoor - Tight Buffer								
# of Fibers	MM 62.5 OM1		MM 50 OM2		MM 50 OM3		MM 50 OM4	
	Plenum	Riser	Plenum	Riser	Plenum	Riser	Plenum	Riser
2	60024-2	60514-2	60026-2	60063-2	60471-2	60463-2	60031-2	61864-2
4-24	60517-xx	60515-xx	60518-xx	60516-xx	60522-xx	60520-xx	60029-xx	61865-xx
36	60258-36	60567-36	60596-36	60595-36	60598-36	60581-36	61877-36	61872-36
48-144	60027-xx	60006-xx	60009-xx	60028-xx	60614-xx	60613-xx	61879-xx	61874-xx

XX=4, 6, 8, 10, 12 and increments of 12. Contact HCM Inside Sales for availability of other fiber strand counts. 50 Micron OM4 10G extended distance (550m) glass available.

- RoHS Compliant
- 900 Micron tight buffered fibers
- Features Corning Clear Curve™ glass
- Durable PVC outer jacket
- Fibers are color coded for identification
- Small outside diameter makes installation easier



Indoor/Outdoor - Tight Buffer								
# of Fibers	MM 62.5 OM1		MM 50 OM2		MM 50 OM3		MM 50 OM4	
	Plenum	Riser	Plenum	Riser	Plenum	Riser	Plenum	Riser
6	61460-6	61345-6	61464-6	61347-6	61468-6	61348-6	61894-6	61893-6
12	61460-12	61345-12	61464-12	61347-12	61468-12	61348-12	61894-12	61893-12
24	61460-24	61345-24	61464-24	61347-24	61468-24	61348-24	61894-24	61893-24

- RoHS Compliant
- 900 Micron tight buffered fibers
- Features Corning Clear Curve™ glass
- Durable thermoplastic outer jacket
- Ideal for wet and environments
- No transition to inside rated cable necessary



Armored/Indoor - Tight Buffer								
# of Fibers	MM 62.5 OM1		MM 50 OM2		MM 50 OM3		MM 50 OM4	
	Plenum	Riser	Plenum	Riser	Plenum	Riser	Plenum	Riser
6	60405-6	60524-6	61319-6	61542-6	61337-6	61421-6	61897-6	61896-6
12	60405-12	60524-12	61319-12	61542-12	61337-12	61421-12	61897-12	61896-12
24	60405-24	60524-24	61319-24	61542-24	61337-24	61421-24	61897-24	61896-24

- RoHS Compliant
- 900 Micron tight buffered fibers
- Features Corning Clear Curve™ glass
- Tough Aluminum Interlock armor
- Durable PVC jacket over armor
- Eliminates need for inner duct or conduit

170 HITACHI CABLE AMERICA IS THE NAME TO REMEMBER FOR FIBER

E-MAIL – [TGSales@targetdist.com](mailto:TGSales@targetdist.com) • INTERNET – [www.targetd.com](http://www.targetd.com)



## FIBER OPTIC JUMPER CABLES

### OM1

**62.5/125µ MM Multimode Fiber Jumper Cables**

**XYDUPMM-Z**

**X** = LC, SC, ST      **Y** = LC, SC, ST

**Z** = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15,  
20, 25, 30 and 50 Meter Lengths

- Corning™ Infinicor® 300 OM1 Glass
- 100% tested and backed by a lifetime warranty



### OM3

**10GIG 50/125µ MM Multimode Fiber Jumper Cables**

**XY10GIG-Z**

**X** = LC, SC, ST      **Y** = LC, SC, ST

**Z** = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15,  
20, 25, 30 and 50 Meter Lengths

- Corning™ Infinicor® SX series® optical glass
- 100% tested for insertion loss



### OM1

**9/125µ SM Singlemode Fiber Jumper Cables**

**XYDUPSM-Z**

**X** = LC, SC, ST      **Y** = LC, SC, ST

**Z** = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15,  
20, 25, 30 and 50 Meter Lengths

- Corning™ SMF-28e+® OS2 Glass
- 100% tested and backed by a lifetime warranty



## FIBER MINI-GBIC SFP

### MC-SFP-MM

1000BaseFX Multimode SFP - Up to 550 Meters

This small form-factor pluggable (SFP) is a compact, hot-pluggable transceiver used for both telecommunication and data communications applications.

- Duplex LC Connector • Differential LVPECL inputs and outputs • TTL signal detector
- Hot pluggable • Compliant with Fibre Channel 100-M5/M6-SN-I standard
- Compliant with IEEE 802.3z • Gigabit ethernet standard.



### MC-SFP-SM10K

As above – Up to 10K Meters

## FIBER MEDIA CONVERTER

### MC-120SC-SM

**SC Singlemode Fiber Media Converter**

- 1 - RJ45 Port and 1 - SC Singlemode port.
- Dip switches allowing multiple configurations.
- Auto MDI/MDI-X selection on the RJ45 port.
- Auto negotiation, NWay support on the RJ45 port.
- Store-and-forward at full wire speeds.
- Bright, easy to read LEDs for at a glance device status.
- FCC Class A and CE approved, RoHS compliant.
- Wall mountable
- 100% tested and backed by a lifetime performance warranty



### Need a Configuration You Don't See Here?

Contact your Target sales rep for a quote on Lynn Custom Connectorized Fiber Cable. Just let us know what type ends, how many strands of fiber needed, whether indoor or outdoor, PVC or Plenum, pulling fish eye or not and length. We'll get back to you with a part no., price, and lead time direct from Lynn's warehouse in PA.

**Get it Custom Made to Your Order!**

## FIBER MEDIA CONVERTERS and CABLES



### N785-001-SC-MM Fiber Optic - 10/100/1000 SC Multimode Media Converter, 550M, 850nm

- 10/100/1000 UTP to Multimode Fiber converter • Up to 550M ( 1800 ft ) range • Auto-detects Full / Half Duplex Transfer Mode
- Auto Negotiation MDI / MDI-X • 6 performance monitoring LEDs • 850nm wavelength • Small, compact design
- Supports Multimode 50/125 cable up to 550M or 62.5/125 cable up to 400M

### N785-001-LC-MM Fiber Optic - 10/100/1000 LC Multimode Media Converter, 550M, 850nm

- 10/100/1000 UTP to Multimode Fiber converter • Up to 550 Meters ( 1800ft ) range • Auto-detects Full / Half Duplex Transfer Mode
- Auto Negotiation MDI / MDI-X • 6 performance monitoring LEDs • 850nm wavelength • Small, compact design
- Supports Multimode 50/125 cable up to 550M or 62.5/125 cable up to 400M

### N784-001-ST Fiber Optic - 10/100BaseT to 100BaseFX-ST Media Converter, 2km, 1300nm

- Connect 10BaseT/100BaseT UTP Ethernet to 100BaseFX Fiber Ethernet • Auto MDI/MDI-X
- UTP port auto-senses network speed • Switch selectable half or full duplex operation on the fiber port • Fiber lengths up to 2Km • 2 Power Choices - AC-DC Adapter or USB
- 5 LED Function lights • Uses 62.5/125 or 50/125 Multimode cable • Wavelength: 1310nm • Supports Link Fault Pass-through (LFP) for easy tracing of network link failures
- Supports Multimode 50/125 cable up to 2KM or 62.5/125 cable up to 550M

### N785-001-SC Fiber Optic - 10/100/1000BaseT to 1000BaseFX-SC Gigabit Media Converter

- Connect 10/100/1000 UTP Ethernet to 1000BaseLX Fiber Ethernet • Auto MDI/MDI-X • UTP port auto-senses network speed • Fiber lengths up to 2Km • 6 LED Function lights
- Uses 62.5/125 or 50/125 Multimode cable • Wavelength: 1310nm • RoHS Compliant • Supports Multimode 50/125 cable up to 2km or 62.5/125 cable up to 400M



### N844-02M-12-P

**MTP/MPO  
Patch Cable**

- 6ft. cable • Push/Pull tab connectors
- 50/125 OM3 Rated Multimode Fiber, 850nm • Supports to 40GbE speeds
- Lifetime limited warranty



### N458-001-62 Duplex Multimode Adapter

- 1ft. cable • 62.5/125 or 50/125 Micron
- Utilize older installed SC fiber cables when upgrading to newer switches using LC type SFP or GBIC transceivers
- Lifetime limited warranty



### N820-03M

**Duplex Multimode  
Fiber Patch Cable**

- 10ft. cable
- 50/125 OM3 Rated Multimode, Fiber, 850nm
- Ideal for SAN applications
- 10Gb Ethernet speed to 300 meters
- Lifetime limited warranty



### N820-01M-OM4

**Duplex Multimode  
Fiber Patch Cable**

- 3ft. cable
- 50/125 fiber OM4 LSZH Rated, 850nm
- 40/100gb Ethernet speed to 300 meters
- Ideal for SAN applications
- Lifetime limited warranty



**TARGET HAS THE BEST SELECTION, SERVICE AND PRICES**

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## FIBER OPTIC JUMPER CABLES

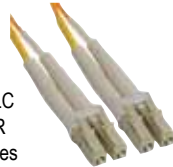
### ICFOJ1G7XX 10G Multimode Duplex

- 50/125µ • LC-LC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ1M3XX Multimode Duplex

- 62.5/125µ • LC-LC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



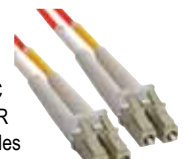
### ICFOJ1M5XX Singlemode Duplex

- 9/125µ • LC-LC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ1M7XX Multimode Duplex

- 50/125µ • LC-LC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



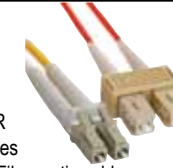
### ICFOJ2G7XX 10G Multimode Duplex

- 50/125µ • LC-SC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ2M3XX Multimode Duplex

- 62.5/125µ • LC-SC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ2M5XX Singlemode Duplex

- 9/125µ • LC-SC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ3M3XX Multimode Duplex

- 62.5/125µ • LC-ST
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



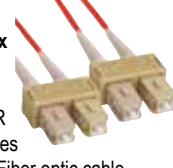
### ICFOJ7C3XX Multimode Duplex

- 62.5/125µ • ST-ST
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ8C3XX Multimode Duplex

- 62.5/125µ • SC-SC
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ9C3XX Multimode Duplex

- 62.5/125µ • SC-ST
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



### ICFOJ9C5XX Singlemode Duplex

- 9/125µ • SC-ST
- Made from OFNR Riser Rated Cables
- Laser optimized Fiber optic cable designed for 10 GHz applications
- Made with ClearCurve bend-insensitive multimode fiber • Test results included.



XX = 01, 02, 03, 05, 07, and 10 meters. 1 meter = 3.28 feet.

## ADAPTER PANELS



- ### ICFOPL161G 10G LC Quad Adapter Panel, 24 Fibers
- 6 quad LC aqua adapters • LC to LC
  - Ceramic sleeves support MM/SM



- ### ICFOPL16BK LC Adapter Panel, 12 Fibers
- 3 quad singlemode LC/LC adapter
  - Ceramic sleeve



- ### ICFOPT26BK ST Adapter Panel, 6 Fibers
- 3 duplex ST/ST adapters • ST to ST
  - Singlemode only • Ceramic sleeve



- ### ICFOPT16BK ST Adapter Panel, 6 Fibers
- 3 duplex ST/ST adapters • ST to ST
  - Multimode only • Metal sleeve



- ### ICFOPS26BK SC Adapter Panel, 6 Fibers
- 3 duplex SC/SC adapters • SC to SC
  - Ceramic sleeves support MM/SM



- ### ICFOPS16BK SC Adapter Panel, 6 Fibers
- 3 duplex SC/SC adapters • SC to SC
  - Metal sleeves support MM



- ### ICFOPC16BK SC Adapter Panel, 12 Fibers
- 6 duplex SC blue adapters • SC to SC
  - Metal sleeves support MM



- ### ICFOPC26BK SC Adapter Panel, 12 Fibers
- 6 duplex SC blue adapters • SC to SC
  - Ceramic sleeves support MM/SM

### ICFP96ML1G

- ### 24 LC Loaded Patch Panel
- Fiber patch panel loaded with 24 LC-to-LC quad adapters
  - Suitable for backbone-to-backbone and backbone-to-horizontal fiber cabling
  - Allows up to 96 multimode fiber (MMF) connections
  - Fits standard 19" EIA rack or wall mount widths
  - 1 rack mount space (RMS)
  - Package includes dust caps and #12-24 rack screws



- ### ICFOPB00BK Blank Adapter Panel
- Covers unused openings



## WALL and RACK MOUNT ENCLOSURES

### ICFODE41WM

#### Fiber Optic Wall Mount Enclosure

ICC's wall mount fiber optic enclosure measures 10.75" H x 13" W x 3.5" D comes with a door lock and keys for security. The enclosure holds 4 fiber optic adapter panels (FAPs) and accepts three (ICFOSKFM12) splice trays. The enclosure top and bottom openings allow room for cable entry and exist and help minimize cable build up.

- High quality material and folded edges design allow for strength and durability
- Top and bottom openings allow room for cable entry and exist and also help minimize cable build up
- Provides easy accessibility for managing fiber optic cables
- Built in cable management spools provide easy cabling routing
- Holds 4 ICFOF fiber optic adapter panels (FAPs) or 4 ICFCxxxxxx MPO Cassettes
- Accepts 2 ICFOSKFM12 splice trays



### ICFORE Series Fiber Optic Rack Mount Enclosures

Each enclosure features front and rear removable metal covers for quick and easy installation and maintenance. The forward and backward sliding tray allows installers to access the fiber adapter panels as moves, adds and changes (MACs) are required. Features: Slide out Tray for Front/Rear Metal covers, Front/Rear openings designed to allow room for cable entry and exit and also help minimize cable buildup, High quality material and fold edge design allow for strength and durability, & designed to fit all standard 19" wide Racks/Cabinets.



#### ICFORE31RM 3-Panel

- Holds 3 ICFOF fiber optic adapter panels (FAPs) or 3 ICFCxxxxxx MPO Cassettes
- Accepts 2 ICFOSKFM12 splice trays
- 1 rack mount space (RMS)



#### ICFORE62RM 6-Panel

- Holds 6 ICFOF fiber optic adapter panels (FAPs) or 6 ICFCxxxxxx MPO Cassettes
- Accepts 3 ICFOSKFM12 splice trays
- 2 rack mount spaces (RMS)

#### ICFORECAC2 Fiber Optic Enclosure Grommet

- 25.4mm outer diameter
- Designed to insulate and mechanically protect electrical and telecommunication cables, tubing, hose, rope, and utility lines
- Minimizes dust and dirt from entering enclosure
- Converts raw-edged holes to smooth, net, insulated holes.
- Used with all 1RU Fiber Optic Rack Mount enclosures.
- Available in 20-Pack.



### ICC 107 Fiber Optic Modules and Adapters

- Supports optical applications in bringing fiber to the desktop for both multimode and singlemode
- Viable solution for high speed data transmission and broadband internet
- Compatible with all IC107 faceplates, inserts, surface mount boxes, and blank patch panels
- Compatible with all IC108 furniture faceplates, bezels, and surface mount boxes



#### IC107SC2WH SC Adapter Fiber Optic Module

- The feedthrough fiber optic modular jacks provide standard MM/SM simplex connectivity for SC connectors in fiber applications.
- SC Simplex with ceramic sleeve
- White only



#### IC107LC2WH Duplex LC Fiber Optic Module

- LC duplex with ceramic sleeves
- Supports optical applications
- Small Form Factor (SFF) adapter reduces space by 50% over conventional fiber connectivity
- White only



#### IC107ST2IV ST Adapter Fiber Optic Module

- The feedthrough fiber optic modular jacks provide standard MM/SM simplex connectivity for ST connectors in fiber applications.
- ST Simplex with ceramic sleeve



#### ICFOA5MM02 LC Duplex Ceramic Fiber Optic Adapter Multimode/Singlemode

- Use to join LC/LC duplex singlemode or multimode fiber optic jumpers
- Compatible with both multimode and single mode LC fiber assemblies



#### IC107LCGWH Duplex LC-LC OM3/OM4 Module

- Used to join duplex multimode fiber optic jumpers
- Small form factor adapter reduces space requirements by 50% over conventional fiber connectivity
- Dust Cap included
- White only



#### ICFC24MLPG LC-MPO Multimode 50/125 (OM3) 10G HD Cassette

- No field termination, splicing or testing required.
- Fit up to four cassettes in a quad patch panel.
- Durable ABS plastic cassette
- Snap-in installation.



#### ICFOA8SM02 SC Duplex Ceramic Fiber Optic Adapter

- Use to join SC/SC duplex singlemode or multi mode fiber optic jumpers



#### ICFOA9MM02 SC/ST Duplex Metal Fiber Optic Adapter

- Use to join SC/ST simplex multimode fiber optic jumpers

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# MESSAGE-ON-HOLD

## EASY AS 1-2-3



- 1) Install Player (basic Message On Hold Pre-Installed)
- 2) Hand Voucher to Your Customer
- 3) Customer Completes Process and Installs Custom Message On Hold (Up to 200 Words!)



### MOH Player Features:

- Fully Digital player, 8MB internal storage up to 1 hour play time
- 64Mb memory using USB stick (supplied) or SD Card up to 16 Gb (not supplied)
- Complete with installed 'on hold' message ready to go
- Built in Speaker/Monitor, Play Vol +/- keys • 8 ohm or 600 ohm output
- Select, easily load multiple tracks and change between tracks played
- Compatible with any phone system • Includes power supply and all leads

### MOH Player

MOH Player with Generic MOH Only

### MOH Player + 1

MOH Player + 1 Custom Announcement

### MOH Player + 4

MOH Player + 4 Custom Announcements

### MOH Player Add Announcement

MOH Additional Announcement for MOH Player



**TRY OUR MOH DEMO RIGHT NOW!**

Go to [www.MOHPlayer.com](http://www.MOHPlayer.com) Click 'Try Our Demo'  
Choose Music, Choose Actor & Enter Script

## SIMPLE TO CREATE CUSTOM ANNOUNCEMENTS

- Go to [www.mohplayer.com](http://www.mohplayer.com) and click Register
- Enter Serial Number
- Choose Voice Actor – over 150 available
- Select Music from 300 royalty free tunes
- Enter Script with Script Wizard
- Wait for Voice Actor to record (Voice Actor gets SMS message to inform them of 'new job')
- Download & Install on MOH Player!



# CALL RECORDING

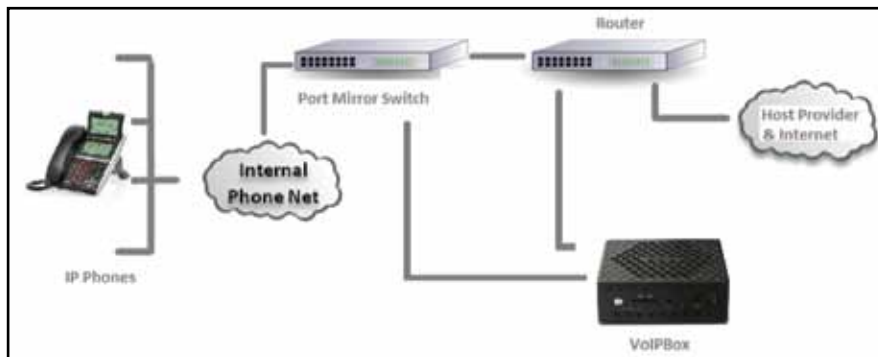
## Call Recording Solutions for PRI, SIP Trunk, IP Phones, Hosted IP, Analog lines and Digital Stations

Intelligent Recording offers cost-effective and reliable systems for all your call recording needs. Track calls by the extension that made the call, the DID number that was dialed or Caller ID, date and time or even comments entered about the recorded call, it's your choice.

Start and Stop recording to avoid recording sensitive information and for compliance purposes. In addition, encryption is standard on most models to ensure your clients' data is safe, secure and in compliance with regulations.

The powerful new VoIPBox from Intelligent Recording, offers a simple turn-key solution for recording Hosted PBX calls as well as SIP trunks and premise based IP Phones. It is delivered pre-configured for needs and includes installation support to ensure a successful implementation.

The addition of the Call Reporter Pro 2 software expands the advanced capabilities of Call Management to new levels, including: Predefined Query Creation, Immediate Search Results, Multiple Bookmarks, Speed Playback Control, Redaction Capabilities as well as security and auditing of playback of calls.



Contact Intelligent Recording at 800-930-8135 to determine the best fit for your clients' application.

### VoIPBox Turn-Key SIP Trunk Recorder

• 2500 hours of On-Board Storage  
Comes with VoIPBox Manager software that allows you to search for calls based on :

- Extension (with SMDR)
- Caller ID/Number Dialed
- Date/Time Range

### Other Key Features:

- One -Touch E-Mail or Export as Wav File
- Bookmark Imports parts of Calls
- Drag 'n' Drop calls into Folders for quick access for follow-up
- Remote Programming and Upgrades
- Encryption of files for data security and MUCH MORE!

## OHP-9000-IP

### Dual Zone Network Audio Player – Message On-Hold & Optional Streaming Business Music

The simple way to manage music on-hold & overhead business music...all from the same box! Plug & play and walk away -- or connect to LAN or WiFi to manage both music/message on-hold content and optional overhead business music from any web browser. The powerful, yet simple web based interface allows users to manage a single player or groups of players, all from one place. Simply and easily update content via any network connection or USB flash drive.

#### OHP-9000-IP Features:

- Dual zone design allows simultaneous, independent playback of on-hold audio and optional overhead business music
- Cloud Management - Manage, schedule and change audio content from any web browser. Manage single or multiple players
- 3 ways to update content - LAN connection, WIFI, or USB flash drive
- Built-in monitor speaker / wall mountable / Auto-start after power outage

#### Music On-Hold Features:

- Ready to go, right out of the box! Pre-loaded with hours of music and “thanks for holding” messages
- Free access to [www.cloudstream.com](http://www.cloudstream.com) website to manage, schedule and change on hold music and messages (optional premium content available)
- Free personalized, professionally voiced, “thanks for holding” message - provided automatically when product is registered
- Additional professional voice services available
- Capable of simple or advanced scheduling

#### Overhead Business Music Features (optional):

- Streams business music from [www.cloudstream.com](http://www.cloudstream.com)
- Access to over 70 commercial-free, business-safe, fully-licensed music channels
- Storecasting Capability - Insert customized commercials to selected music stream (professional voice services available)
- Capable of simple or advanced scheduling

#### Earn a Recurring Revenue Stream

Special dealer program allows you to earn a recurring revenue stream from any paid premium message on-hold plan or streaming business music plan from Cloudstream. Ask your Target sales rep for more details!



Front View



Back View

Includes FREE personalized “thanks for holding” message

## OHP-8000

### USB Flash Drive MP3 Player – Message On-Hold with MessageStudio Software

The OHP 8000 features ordinary USB flash drive operation, for easy transfer of audio content from PC/Mac to the player. The OHP 8000 includes a 128 MB USB flash drive with preloaded with 3 hours of music & messages.

#### 8000 Series Features:

- Ready to go - right out of the box. Pre-loaded with nearly 3 hrs. of fully licensed music and messages
- Rugged extruded aluminum enclosure with wall mounting capability
- 128MB USB flash drive
- Built-in monitoring speaker and trigger switch input



#### Custom Message On-Hold, Phone System Greetings, Voice Prompts & More

- Free one year access to the Cloudstudio web portal with player registration. The Cloudstudio web portal allows you to manage, create and organize all your message on-hold productions..and even phone system voice prompts and greetings, simply and easily... all from one place.
- Cloudstudio also gives you access to a team of professional voice actors to read all of your business telephone audio (message on-hold, phone system voice prompts, greetings and more). \$50 professional voice services credit provided automatically when product is registered



Top View



Back View

**SELL TO, INFORM AND ENTERTAIN YOUR CUSTOMERS**

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## NETVANTA ROUTERS AND SWITCHES



**NetVanta 3140 Fixed Port Router 1700340F1**

- High performance router with three Gigabit Ethernet interfaces
- IPv6 ready • Compatible with industry leading soft switches and call agents
- Dynamic bandwidth allocation affords more efficient utilization
- Stateful inspection firewall • Quality of Service (QoS)
- Supports 802.1q Virtual LAN (VLAN) Trunking
- Optional IPSec Virtual Private Network (VPN)
- Onboard hardware encryption accelerator
- Wi-Fi® Access Controller for management of NetVanta Wireless Access Points



**NetVanta 3448 Multiservice Router 1200821E1**

- Single-slot Multiservice access router supporting up to two T1s
- Stateful inspection firewall for network security
- Integral 8-port fully managed, Layer 2 Ethernet switch
- CompactFlash slot for backup and restore, and for auto-provisioning
- Recognizable Command Line Interface (CLI)
- Intuitive Web-based Graphical User Interface with step-by-step setup wizards
- Wi-Fi Access Controller for centralized management of NetVanta WAPs
- Inherent URL filtering to manage employee Internet access



**NetVanta 1335P PoE Multiservice Router 1700525E2**

A Multiservice Access Router that delivers the high-packet throughput required for IP Telephony, corporate connectivity, and Internet access. This performance-enhanced routing platform delivers wire-speed WAN throughput, even with advanced services like VQM, QoS, NAT, Firewall, and VPN-enabled.

- Multiservice router with integral 24-port, Layer 3 Ethernet switch
- Dual Gigabit/SFP module slots for uplink or stacking
- CompactFlash slot for configuration files, auto provisioning, and firmware
- Cable diagnostics to identify an open or short per twisted pair
- VQM for MOS, jitter, delay and packet loss statistics
- 802.3af PoE switch



**NetVanta 3120 Fixed Port Router 1700601G2**

- Ethernet WAN Interface with integral four-port managed Ethernet switch
- Voice Quality Monitoring and Mean Opinion Score prediction
- Stateful inspection firewall for network security
- IPSec VPN for secure corporate connectivity across the Internet
- NAT-compatible SIP Application Layer Gateway for Voice over IP (VoIP)
- Wi-Fi Access Controller for centralized management of NetVanta Wireless Access Points (WAPs) • Recognizable Command Line Interface (CLI)
- Intuitive Web-based Graphical User Interface with step-by-step setup wizards



**NetVanta 1234 Ethernet Switch 1703594G1**

- Low cost, fully managed, 24-port Layer 2 Ethernet switch • Wi-Fi access controller
- Four Gigabit ports for uplinks or stacking • 2 SFP module slots for optical connections
- Class of Service (CoS) for prioritizing VoIP traffic
- 802.1D Spanning Tree and 802.1w Rapid Spanning Tree support
- Segment LAN with up to 255 VLANs (802.1Q tagged or port-based)
- Recognizable Command Line Interface (CLI) • Intuitive Web-based Graphical User Interface (GUI) with step-by-step setup wizards
- Robust security features to protect against unauthorized users: RADIUS, TACACS+, MAC-based port security



**NetVanta 1235P PoE Ethernet Switch 1700595G10**

- 28-port multi-layer Fast Ethernet switch • Line rate Layer 2 and 3 Lite capabilities
- 24 10/100Base-T or ActivReach Ethernet and four SFP optical ports
- Two standard 1 Gbps SFP ports and two enhanced 2.5 Gbps SFP ports
- PoE, Legacy PoE, and PoE over ActivReach • Familiar CLI and Web GUI
- Non-blocking, up to 18.8 Gbps switching capacity
- Wi-Fi access controller for centralized management of NetVanta WAPs

**NetVanta ActivReach Media Converter 1702595G12**

- A Media Converter to use at the end-point to terminate ActivReach Ethernet and PoE on the network-side and convert it to standard 10/100Base-T Ethernet and PoE, or Legacy PoE on the device-side.



**NetVanta 1238 Ethernet Switch 1702598G1**

- Low cost, fully managed, 48-port Layer 2 Ethernet switch
- Wi-Fi access controller • Four Gigabit ports for uplinks or stacking
- Two SFP module slots for optical connections
- Class of Service (CoS) for prioritizing VoIP traffic
- 802.1D Spanning Tree and 802.1w Rapid Spanning Tree support
- Segment LAN with up to 255 VLANs (802.1Q tagged or port-based)
- Recognizable Command Line Interface (CLI)
- Intuitive Web-based Graphical User Interface (GUI) with step-by-step setup wizards
- Robust security features to protect against unauthorized users: RADIUS, TACACS+, MAC-based port security



**NetVanta 1535P PoE Ethernet Switch Gen 1.1 1702595G20**

- ActivReach Ethernet Technology supports all grades of wiring – CAT5, CAT3 or legacy copper to extend reach up to 1,200 feet
- 28-port multi-layer Gigabit Ethernet switch • Wi-Fi access controller
- 24 10/100/1000Base-T or ActivReach Ethernet and four SFP optical ports
- Two standard 1 Gbps SFP ports and two enhanced 2.5 Gbps SFP ports
- 802.3af (PoE), Legacy PoE, and PoE over ActivReach
- Line rate Layer 2 and Layer 3 Lite capabilities • Desktop security audit
- Advanced QoS with support for 802.1p and DiffServ prioritization with four queues per egress port • Cable and SFP diagnostics • VoIP ready



**FaxFinder® FAX SERVERS – SEND AND RECEIVE FAXES FROM YOUR COMPUTER**



**FaxFinder Analog**

The FaxFinder® all-in-one fax server provides distributed faxing capabilities, over a WAN, from a corporate office to small remote offices as well as to field sales people. The analog models are ideal for connecting to POTS lines and phone systems through analog station ports. Analog models are also compatible with etherFAX®, IP phone systems and IP trunks when IP channel upgrades are leveraged.

**FaxFinder Analog Models**

Model	Description
FF240.R2	2-Port Analog V.34 Fax Server
FF440.R2	4-Port Analog V.34 Fax Server
FF840.R2	8-Port Analog V.34 Fax Server

**FaxFinder Expansion Module Models**

Model	Description
FFEX8.R2	8-port Analog V.34 Fax Expansion Module
FFEX16.R2	16-port Analog V.34 Fax Expansion Module

FaxFinder Analog & IP models are also available with Advanced Replacement Coverage

**Features**

- Compatible with etherFAX, IP phone systems, IP trunks and analog lines
- Meets information privacy and security mandates
- Receive and route inbound faxes electronically to email inboxes, network shares, or network printers
- Send outbound faxes electronically using client software, web interface, or existing email client
- Both the FaxFinder and FaxFinder IP can be expanded beyond their factory settings to support a maximum of twenty-four simultaneous faxes (inbound and outbound) using FFEX8 or FFEX16 expansion modules
- Fax client compatible with Microsoft Office applications
- Web interface provides easy administration, firmware updates and configuration back-up from any location
- Web services open source API for integrating FaxFinder with existing third-party applications

**Benefits**

- Centralize fax operations and lower costs of existing fax operations
- Interoperable with a variety of telephone systems
- Hybrid-transport faxing

**Applications**

- Medical/dental offices (Electronic Medical Records)
- Real estate offices
- Mortgage companies
- Insurance companies
- Transportation & Construction companies
- Banks



**FaxFinder IP**

The FaxFinder® IP fax server is a centrally located solution that lowers the cost of fax operations by enabling users to send and receive faxes electronically through a SIP trunk interface with T.38. The FaxFinder IP supports 2-channels of simultaneous faxes and can be upgraded to 24-channels using the FF240-IP-UPGRADE codes. All FaxFinder IP hardware (FF240-IP-2 & FF240-IP-2.R1) and channel upgrades are now compatible with the etherFAX® network, providing users a dedicated fax network built for speed, reliability and security. While SIP/T.38 faxing is still available, MultiTech has selected etherFAX as the preferred method of fax transport with FaxFinder IP.

Model	Description
FF240-IP-2.R2	2-Channel IP/etherFAX Fax Server
FF240-IP-UPGRADE-xx	Channel upgrades available up to 22 channels

**Use the FaxFinder IP version for:**

- SIP trunks connected directly to FaxFinder
- IP phone system through SIP and T.38

**SONICWALL™**

These affordable firewalls let small businesses and home offices take full advantage of high-speed broadband, without compromising the highly effective protection needed to stop cyberattacks.



**01-SSC-0217 TZ SOHO**

The SOHO offers small offices big-business protection and uncompromising security

- High-performance security engine
- Streamlined GUI and advanced management
- Intrusion prevention
- SonicWALL Mobile Connect app
- Firewall throughput 300 Mbps
- Full DPI throughput 50 Mbps
- Anti-malware throughput 50 Mbps
- IPS throughput 100 Mbps
- IMIX throughput 60 Mbps
- Max DPI connections 10,000
- New connections/sec 1,800



**01-SSC-0215 TZ300**

The TZ300 offers affordable protection for small businesses that need enterprise-level security.

- High-performance security engine
- Streamlined GUI and advanced management
- Intrusion prevention
- SonicWALL Mobile Connect app
- Firewall throughput 750 Mbps
- Full DPI throughput 100 Mbps
- Anti-malware throughput 100 Mbps
- IPS throughput 300 Mbps
- IMIX throughput 200 Mbps
- Max DPI connections 50,000
- New connections/sec 5,000



**01-SSC-0213 TZ400**

Regardless of the size of your organization, the TZ400 delivers big-business protection.

- High-performance security engine
- Streamlined GUI and advanced management
- Intrusion prevention
- SonicWALL Mobile Connect app
- Firewall throughput 1.3 Gbps
- Full DPI throughput 300 Mbps
- Anti-malware throughput 300 Mbps
- IPS throughput 900 Mbps
- IMIX throughput 500 Mbps
- Max DPI connections 90,000
- New connections/sec 6,000

**TARGET HAS THE BEST SELECTION, SERVICE AND PRICES**

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## 10/100 SWITCHES

**FS105NA**  
**FS108NA**

**ProSAFE 5-PORT 10/100 SWITCH**  
**ProSAFE 8-PORT 10/100 SWITCH**

- Auto-speed and duplex mode sensing
- Versatile and compatible
- Budget friendly
- Store and forward



**FS108P** **ProSAFE 8-PORT 10/100 PoE SWITCH** (PoE on up to 4 ports)  
**FS116P** **ProSAFE 16-PORT 10/100 PoE SWITCH** (PoE on up to 8 ports)

- Auto-speed and duplex mode sensing
- Store and forward
- 8 or 16 10/100 Mbps Ports with AutoUplink™



**JFS524-200NAS**

**ProSAFE 24-PORT 10/100 FAST ETHERNET SWITCH**

- 24 10/100 ports
- Plug and Play
- Auto-detects speed and duplex
- Switched 10/100 ports provide private bandwidth for PCs, servers, or hubs, and support 200 Mbps of throughput.



**FS728TP**

**ProSAFE 24-PORT 10/100 PoE SMART SWITCH WITH 4 GIGABIT PORTS**

- Full 24 10/100 Smart Switch with 24 PoE Ports
- 4 gigabit ports for high speed connections
- Easy-to-manage web-based GUI



## GIGABIT SWITCHES

**GS105E**

**ProSAFE PLUS SWITCH, 5-PORT GIGABIT ETHERNET**

- 5 ports deliver up to 2000 Mbps bi-directional bandwidth
- Quality of Service (QoS) • Network traffic monitoring • Virtual LAN support
- Port mirroring • Bandwidth management to avoid network congestions



**GS108E**

**ProSAFE PLUS SWITCH, 8-PORT GIGABIT ETHERNET**

- 8 ports deliver up to 2000 Mbps bi-directional bandwidth • Quality of Service (QoS)
- Network traffic monitoring • Virtual LAN (VLAN) support • Port mirroring
- Bandwidth management to avoid network congestions



**GS108PE**

**ProSAFE PLUS 8-PORT GIGABIT SWITCH WITH 4 PORTS PoE**

- 8 x 10/100/1000 RJ45 Ports, Unmanaged with 4 ports of PoE
- 8 ports deliver up to 2000 Mbps bi-directional bandwidth on each port
- Quality of Service (QoS) • Virtual LAN (VLAN) support • Port mirroring



**GS110TP**

**ProSAFE 8-PORT GIGABIT PoE SMART SWITCH WITH 2 GIGABIT FIBER SFP**

- 8 PoE-capable ports with 2 dedicated Fiber uplinks
- Auto VoIP, Auto Video and ACL wizard for easy network deployment
- Centralized management software for easy deployment and configuration



**GS116E**

**ProSAFE + 16-PORT GIGABIT ETHERNET SWITCH**

- 16 Port Gigabit Ethernet Switch • Auto Denial-of-Service Prevention
- VLAN Support & Broadcast Storm Control
- QoS and Bandwidth Management • Plug-and-Play • Windows Configurable



**JGS516PE**

**ProSAFE + 16-PORT GIGABIT PoE ETHERNET SWITCH**

- Gigabit Ethernet Switch with 16 Ports
- QoS and Bandwidth Management
- Plug-and-Play • Windows Configurable • 8 PoE 802.3af Ports



**GS724T**

**ProSAFE 24-PORT GIGABIT SMART SWITCH**

- 24 10/100/1000 Mbps gigabit ports
- Easy, browser-based management
- 2 Small Form-factor Pluggable (SFP) GBIC slots • Cable length detection reduces power usage when cable is shorter than 10 meters



**JGS524PE**

**ProSAFE + 24-PORT GIGABIT PoE ETHERNET SWITCH**

- Gigabit Ethernet Switch with 16 Ports
- QoS and Bandwidth Management
- Plug-and-Play • Windows Configurable • 12 PoE 802.3af Ports



**GS728TP**

**ProSAFE 24-PORT GIGABIT SMART SWITCH WITH POE & 4 FIBER PORTS**

- 24 10/100/1000 Mbps PoE Ports • Total PoE budget is 192 Watts
- Four combination SFP ports for optional fiber connectivity
- Layer 3-based (DSCP) prioritization



**GS728TXP-100NES**

**ProSAFE POE+ 28-PORT GIGABIT STACKABLE SMART MANAGED SWITCH WITH 24 PORTS**

- 24 10/100/1000Base-T RJ45 Ports • 24 PoE+-capable Gigabit copper ports
- PoE Budget of 195W extendable to 740W with supplemental RPS
- 2 dedicated 10G SFP+ Fiber ports supporting 10G and 1000M speeds
- 2 dedicated 10GBASE-T copper ports supporting 10G/1G/100M speeds



## GIGABIT SWITCHES

**GS748T**  
ProSAFE  
48-PORT



**GIGABIT SMART SWITCH WITH 2 FIBER PORTS**

- 48 10/100/1000 Mbps gigabit ports
- Non-blocking Bandwidth • Easy, browser-based switch management
- Four combination SFP ports for optional fiber connectivity

**GS752TP**  
ProSAFE 52-PORT  
GIGABIT POE SMART



**SWITCH WITH 4 FIBER PORTS**

- 48 PoE 802.3af of which first 8 are PoE+ 802.3at
- 4 dedicated SFP ports • PoE budget is 384 watts
- Static routing, Access control and multicast management

**GS752TXP**  
ProSAFE 52-PORT



**GIGABIT POE+ STACKABLE SMART MANAGED SWITCH WITH 4 FIBER PORTS**

- 48 PoE+-capable Gigabit copper ports
- PoE Budget of 390W extendable to 1,440W with RPS
- 2 dedicated 10G SFP+ Fiber ports • 2 dedicated 10GBASE-T Copper Ports

**AGM731F SFP TRANSCEIVER 1000BASE-SX**

- Gigabit Ethernet "short-reach" fiber connectivity
- LC duplex connector • Up to 1,000 m distances
- Adds 10Gigabit LC fiber connectivity • Hot swappable



**AXM761 10GBASE-SR SFP+ LC GBIC**

- Drive 10Gigabit Ethernet distances up to 300 meters using OM3 multimode fiber cables

## GIGABIT CLICK SWITCHES

**GSS108E**  
**GSS108EPP**  
**GSS116E**

ProSAFE 8-PORT GIGABIT SWITCH with 2 USB CHARGING PORTS  
ProSAFE 8-PORT GIGABIT SWITCH with PoE (PoE on up to 4 ports)  
ProSAFE 16-PORT GIGABIT SWITCH

- Unique Virtually Anywhere™ Click mounting system for flexible placement options
- Cable management with provided retaining strap • Multi-directional power cable to optimize placement
- Internal power supply to eliminate power brick • All models are fanless for silent operation
- 2 USB ports for quick access to charging tablets or smartphones (GSS108E only)
- 4 PoE/PoE+ ports to power up Phones, Access Points, IP cameras (GSS108EPP only)
- Reinforced plastic (GSS108E) or metal case (GSS108EPP, GSS116E) for rugged durability
- Quality of Service (QoS) for traffic prioritization • Jumbo frame support
- Auto Denial-of-Service (DoS) prevention (GSS108EPP and GSS116E only)
- Advanced per-port PoE controls (GSS108EPP only) • Rate limiting for better bandwidth allocation
- Port mirroring for network monitoring • Port trunking for bigger uplink bandwidth (GSS116E and GSS108EPP only)



## GIGABIT EASY MOUNT SWITCHES

**GSS408EPP**

ProSAFE 8-PORT GIGABIT SWITCH with PoE+

- 8 PoE/PoE+ ports (124W total PoE power budget)
- Easy-Mount Virtually Anywhere mounting system allows for wall, pole, under-surface, in-ceiling, and even two per 1U rack slot mounting (back-to-back) as all connections (power and Ethernet) are located on the front side.
- Vertical or horizontal, flat or perpendicular mounting
- Internal power supply to eliminate power brick
- Auto Denial-of-Service (DoS) prevention
- Advanced per-port PoE controls • Jumbo frame support
- Rate limiting for better bandwidth allocation
- Port mirroring for network monitoring
- Port trunking for bigger uplink bandwidth



**GS418TPP**

ProSAFE 16-PORT GIGABIT SWITCH with PoE+ WITH 2 GIGABIT FIBER SFP

- 16 x 1000BASE-T PoE+ Copper ports
- 2 x 1000BASE-X Dedicated Fiber SFP ports
- Easy-Mount Virtually Anywhere mounting system allows for wall, pole, under-surface, in-ceiling, and even two per 1U rack slot mounting (back-to-back) as all connections (power and Ethernet) are located on the front side.
- Layer 3 static routing with 32 routes • Advanced VLAN support
- Advanced per port PoE controls for remote power management
- Advanced QoS • Auto Denial-of-Service (DoS) prevention
- 2 Dedicated SFPs • Cable test to troubleshoot connection issues
- Port mirroring for network monitoring and MORE!



## GIGABIT STAND ALONE SMART MANAGED PRO SWITCHES

**GS510TLP**

ProSAFE 8-PORT  
GIGABIT PoE+ SMART  
MANAGED PRO SWITCH



- 8 x 1000BASE-T PoE+ Copper ports
- 2 x 1000BASE-X Dedicated Fiber SFP ports
- 75W PoE budget (fan-less, 0dB)
- Layer 3 static routing with 32 routes • Advanced VLAN support
- Advanced per port PoE controls for remote power management
- Advanced QoS • Auto Denial-of-Service (DoS) prevention
- Cable test to troubleshoot connection issues
- Port mirroring for network monitoring and MORE!

**GS510TPP**

ProSAFE 8-PORT  
GIGABIT PoE+ SMART  
MANAGED PRO SWITCH



- 8 x 1000BASE-T PoE+ Copper ports
- 2 x 1000BASE-X Dedicated Fiber SFP ports
- 190W PoE budget (internal fan)
- Layer 3 static routing with 32 routes • Advanced VLAN support
- Advanced per port PoE controls for remote power management
- Advanced QoS • Auto Denial-of-Service (DoS) prevention
- Cable test to troubleshoot connection issues
- Port mirroring for network monitoring and MORE!

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## NETWORK STORAGE

### FOR HOME USAGE



**ReadyNAS 212 RN21200**  
Up to 20TB of Storage (No Hard Disk Drives Included)

**ReadyNAS 214 RN21400**  
Up to 40TB of Storage (No Hard Disk Drives Included)

#### Advanced Backup and Sync

- 1.4GHz quad core processor and 2GB of RAM
- Automatic backup with new ReadyCLOUD® App
- Sync multiple folders between ReadyNAS® and PCs
- Time Machine® backup support for all the MACs® in your home
- On-the-go backup of photos from your phone
- Link aggregation enables up to 2x system throughput

#### High Performance Streaming

- Powerful media server using Plex, iTunes® or DLNA®
- HD media streaming to multiple devices
- 1080p real time transcoding • Near-0 throughput degradation anti-virus

#### 5 Levels of Data Protection

- Automatic multi-folder backup and RAID,
- Exclusive snapshot technology keeps historical versions of data, to easily revert files if necessary
- Real-time anti-virus software • Free cloud resources for additional backup
- Bit rot protection defends against media degradation

### FOR BUSINESS USAGE



**ReadyNAS 422 RN42200**  
Up to 20TB of Storage (No Hard Disk Drives Included)

**ReadyNAS 424 RN42400**  
Up to 40TB of Storage (No Hard Disk Drives Included)

#### Key Business Features

- Automatic Backup & Sync: Using the ReadyCLOUD app for PC, scheduled protection is easier than ever before
- Bit Rot Protection: A proprietary technology protecting your files from unplanned degradation
- Unlimited Snapshots: Unlimited data snapshot capability for on-box protection and flexible data recovery
- X-RAID & Instant Provisioning: Easily expand capacity and feel confident knowing that data is always protected
- Cloud-managed Replication: Maintain data sets in multiple locations or ensure protection of data from remote or branch office locations
- iSCSI and Thin Provisioning: Powerful tools for a business taking advantage of virtual infrastructures
- Anti-virus & Encryption: Keep data protected from outside threats and safe from prying eyes
- Modern GUI and Cloud/Remote Access from Anywhere: Sleek modern interface and patented technology for secure remote access

## 10 GIG SWITCHES

The NETGEAR ProSAFE® XS708T, XS716T, XS728T, and XS748T are powerful Smart Managed Switches that come with 8, 16, 24, or 44 10-Gigabit Copper ports and either 2 Shared (Combo) Copper/SFP+ ports (XS708T/XS716T) or 4 additional Dedicated SFP+ ports (XS728T/XS748T) for 10G Fiber links. The NETGEAR 10-Gigabit Smart Managed Switches are purposely designed as a cost-effective way to provide 10G connections to 10G-capable servers and NAS (Network Attached Storage) systems. They can be used at the "center of a small business network" or as an aggregation / access switch in a larger organization including workgroup access, connecting to a 10-Gigabit NETGEAR ProSAFE Fully Managed Switch on one end and extending the 10G connections to the edge. The XS708T and XS716T are also ideal for smaller workgroups that need high bandwidth for sharing, collaborating, editing, and publishing high-density content like video or animation.



#### Features common to all models below:

- 10GBASE-T Copper Ethernet connections • 10GBASE-X SFP+ ports • USB Configuration Port • Energy Efficient Ethernet (IEEE 802.3az)
- Comprehensive IPv6 Support for Management, ACL and QoS • IPv4 & IPv6 Static Routing • 802.1x authentication (EAP) • Port-based security by locked MAC
- ACL filtering to permit or deny traffic based on MAC and IP addresses • Port-based or 802.1p-based prioritization • Layer 3-based (DSCP) prioritization
- Port-based ingress and egress rate limiting • Auto-VoIP, Auto-Voice VLAN, and Auto-Video VLAN • IGMP Snooping and MLD Snooping
- Protected ports • DHCP Snooping • Dynamic VLAN Assignment (RADIUS) • Private VLAN • Dual Firmware Images and Configuration Files

#### **XS708T-100NES 8-port 10-Gigabit Smart Managed Switch**

- 8 x 10GBASE-T copper ports supporting 10G/1G/100M speeds • 2 x Shared (combo) 10GBASE-T copper/10GBASE-X SFP+ ports supporting 10G/1G speeds

#### **XS712Tv2-100NES 12-port 10-Gigabit Smart Managed Switch**

- 12 x 10GBASE-T copper ports supporting 10G/1G/100M speeds • 2 x Shared (combo) 10GBASE-T copper/10GBASE-X SFP+ ports supporting 10G/1G speeds

#### **XS716T-100NES 16-port 10-Gigabit Smart Managed Switch**

- 16 x 10GBASE-T copper ports supporting 10G/1G/100M speeds • 2 x Shared (combo) 10GBASE-T copper/10GBASE-X SFP+ ports supporting 10G/1G speeds

#### **XS728T-100NES 28-port 10-Gigabit Smart Managed Switch**

- 24 x Dedicated 10GBASE-T copper ports supporting 10G/1G speeds • 4 x Dedicated 10GBASE-X SFP+ 10G ports supporting 10G/1G speeds

#### **XS748T-100NES 48-port 10-Gigabit Smart Managed Switch**

- 44 x Dedicated 10GBASE-T copper ports supporting 10G/1G speeds • 4 x Dedicated 10GBASE-X SFP+ 10G ports supporting 10G/1G speeds

## ProSAFE INTELLIGENT EDGE MANAGED SWITCHES

The NETGEAR M4300 Stackable Switch Series delivers L2/L3/L4 and IPv4/IPv6 cost-effective services for mid-enterprise edge with full PoE+ and SMB core deployments with unrivalled ease of use: 10 Gigabit models can seamlessly stack with 1 Gigabit models within the series, enabling spine and leaf line-rate stacking topologies. Non-stop forwarding (NSF) virtual chassis architectures provide advanced High Availability (HA) with hitless failover across the stack. Dual redundant, modular power supplies equipping full width models contribute to business continuity management. Layer 3 feature set includes static, dynamic and policy-based routing – as standard. Perfect for wireless access, unified communications and IP video, the NETGEAR M4300 Switch Series is also ready for the future, with Software-defined Network (SDN) and OpenFlow 1.3 enabled for your network.

### M4300-8X8F P/N #XSM4316S

#### Stackable Half-Width Managed Switch

- 8-port 10GBASE-T (RJ45) all independent • 8-port 10GBASE-X (SFP+) all independent
- 320Gbps non-blocking fabric across 16 ports • Out-of-band 1G Ethernet management port
- Mini-USB and RJ45 RS232 console ports and USB storage port
- Full L3 feature set and non-stop forwarding (NSF) stacking
- Half-width form factor with one- and two-unit rack mount kit
- Two half-width switches can be installed in a single rack space for redundant top-of-rack
- Ships with one modular APS250W PSU in its power supply slot • Low acoustics (36.9dB @25°C / 77°F)



### M4300-12X12F P/N #XSM4324S

#### Stackable Half-Width Managed Switch

- 12-port 10GBASE-T (RJ45) all independent • 12-port 10GBASE-X (SFP+) all independent
- 480Gbps non-blocking fabric across 16 ports • Out-of-band 1G Ethernet management port
- Mini-USB and RJ45 RS232 console ports and USB storage port
- Full L3 feature set and non-stop forwarding (NSF) stacking
- Half-width form factor with one- and two-unit rack mount kit
- Two half-width switches can be installed in a single rack space for redundant top-of-rack
- Ships with one modular APS250W PSU in its power supply slot • Low acoustics (36.9dB @25°C / 77°F)



### M4300-24X P/N #XSM4324CS

#### Stackable Half-Width Managed Switch

- 24-port 10GBASE-T (RJ45) • 4-port 10GBASE-X (SFP+) (shared, back)
- 480Gbps non-blocking fabric across 24 ports • Out-of-band 1G Ethernet management port
- Mini-USB and RJ45 RS232 console ports and USB storage port
- Full L3 feature set and non-stop forwarding (NSF) stacking
- Half-width form factor with one- and two-unit rack mount kit
- Two half-width switches can be installed in a single rack space for redundant top-of-rack
- Ships with one modular APS250W PSU in its power supply slot • Low acoustics (37dB @25°C / 77°F)



### M4300-24X24F P/N #XSM4348S

#### Stackable Managed Switch

- 24-port 10GBASE-T (RJ45) all independent
- 24-port 10GBASE-X (SFP+) all independent
- 960Gbps non-blocking fabric across 48 ports
- Out-of-band 1G Ethernet Management port
- Mini-USB and RJ45 RS232 console ports and USB storage port • Full L3 feature set and non-stop forwarding (NSF) stacking
- Full width form factor with one-unit rack mount kit • Ships with one modular APS250W PSU in first power supply slot
- Ships with a blank cover in the second power supply slot • Low acoustics (35.8dB @25°C / 77°F)



### M4300-48X P/N #XSM4348CS

#### Stackable Managed Switch

- 48-port 10GBASE-T (RJ45)
- 4-port 10GBASE-X (SFP+) (shared)
- 960Gbps non-blocking fabric across 48 ports
- Out-of-band 1G Ethernet Management port
- Mini-USB and RJ45 RS232 console ports and USB storage port • Full L3 feature set and non-stop forwarding (NSF) stacking
- Full width form factor with one-unit rack mount kit • Ships with one modular APS250W PSU in first power supply slot
- Ships with a blank cover in the second power supply slot • Low acoustics (35.8dB @25°C / 77°F)



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## MANAGED GIGABIT SWITCHES

### EWS2910P

#### 8-Port Gigabit PoE Layer 2 WLAN Controller Switch with 2 SFP Ports

- Centrally manage & monitor up to 50 Neutron APs with License-Free Central Management ezMaster Software
- 8-Gigabit PoE ports, PoE budget of 61.6W, (2) dual-speed SFP (fiber) uplink ports
- Full-Featured Layer 2 Switch with WLAN management capabilities
- Comprehensive at-a-glance dashboard, rich reporting & analytics



### EWS5912FP

#### 8-Port Gigabit PoE+ Layer 2 WLAN Controller Switch with 2 SFP Ports

- Centrally manage & monitor up to 50 Neutron APs with License-Free Central Management ezMaster Software
- IEEE 802.3at/af PoE on its 8 Gigabit Ports with a total PoE budget of 130 Watts
- 2 Gigabit Port and 2 Dual-Speed SFP uplink ports
- Auto-discovery & provisioning of Neutron APs



### EWS1200TFP-28TFP

#### 24-Port Managed Gigabit 410W PoE+ Switch

- (24) 10/100/1000 Base-T, POE+ • (4) 10/100/1000 SFP Ports
- Centrally manage & monitor up to 50 Neutron APs with License-Free Central Management ezMaster Software
- PoE+ on its 24 Gigabit Ports with a total PoE budget of 410 Watts



### EWS7928P

#### 24-Port Managed Gigabit 185W PoE+ Switch

- (24) 10/100/1000 Base-T, POE+ • (4) 10/100/1000 SFP Ports
- Centrally manage & monitor up to 50 Neutron APs with License-Free Central Management ezMaster Software
- PoE+ on its 24 Gigabit Ports with a total PoE budget of 185 Watts



### EWS7928FP

#### 24-Port Managed Gigabit 370W PoE+ Switch

- (24) 10/100/1000 Base-T, POE+ • (4) 10/100/1000 SFP Ports
- Centrally manage & monitor up to 50 Neutron APs with License-Free Central Management ezMaster Software
- PoE+ on its 24 Gigabit Ports with a total PoE budget of 370 Watts



### EWS7952P

#### 48-Port Managed Gigabit 410W PoE+ Switch

- (48) 10/100/1000 Base-T, POE+ • (4) 10/100/1000 SFP Ports
- Centrally manage & monitor up to 50 Neutron APs with License-Free Central Management ezMaster Software
- PoE+ on its 24 Gigabit Ports with a total PoE budget of 370 Watts



### EWS7952FP

#### 48-Port Managed Gigabit 740W PoE+ Switch

- Centrally manage and monitor up to 50 Neutron Series Wireless Access Points
- Includes 4 Dual-Speed SFP uplink ports • Wired and Wireless Network Management
- IEEE 802.3at/af PoE on its 48 Gigabit Ports with a total PoE budget of 740 Watts



Manage Neutron EWS Access Points, Switches, and IP Cameras through ezMaster Network Management Software for remote, centralized management of hundreds of EWS devices across the network or multiple sites regardless of size or location **without licensing or subscription fees.**

### EMR3000

#### Mesh Router

- AC1200 Speeds for Buffer-Free Video & Audio in Every Room
- Simplified Mesh Wi-Fi: No Wires to Run & No Software to Set Up
- Quick Setup via EnMesh™ Mobile App & Bluetooth®
- Full Network Insight, Control & Troubleshooting Features



### EWS1025CAM

#### AP MeshCam™

- 11ac Speeds to 867 Mbps for Buffer Free Connections
- One Device, One Install, One Wire Run Simplifies Install
- 1920 x 1080P HD Images & Night Visibility to 65 Ft.
- Operate Alone or Expand to Centrally Manage



## EWS MANAGED INDOOR ACCESS POINTS

### EWS310AP

#### Neutron EWS 11n Indoor Managed Access Point; 2x2 Dual-Band

- 802.11a/b/g/n Speeds to 300 Mbps on 5 GHz and 300 Mbps on 2.4 GHz
- Long-Range, Multi-Floor Coverage
- Connect & Power via 802.3af/at PoE+ Gigabit Port
- Ceiling-Mount Design Blends With Interior Décor



### EWS510AP

#### Wireless Managed Indoor Wall-Plate Access Point

- Dual-Band 11n Speeds to 300 Mbps on Both Bands
- (4) 10/100 Mbps Switch Ports Connect IPTVs or Game Consoles
- 802.3at/af PoE+ Powers Compatible Devices
- Band Steering Shifts Dual-Band-Capable Clients to 5 GHz, Optimizing Bandwidth



### EWS350AP Neutron EWS 11ac Indoor Managed Access Point; 2x2 Dual-Band

- 11ac Speeds to 867 Mbps on 5 GHz; 300 Mbps on 2.4 GHz
- Band Steering Shifts Dual-Band Clients to 5 GHz, Improving Performance
- Enhanced Range, Multi-Floor Coverage With up to 26 dBm Transmit Power
- Connect & Power via 802.3at PoE+ Gigabit Port for Flexible AP Placement



### EWS550AP

#### Indoor Communications "Hub" for In-Room Wireless Connectivity

- 2x2:2 11ac Wave 2 Speeds to 867 Mbps (5GHz) to 400 Mbps (2.4GHz)
- (3) GigE Switch Ports Connect In-Room IPTVs, Game Consoles, or Network Projectors
- Sleek Low Profile Design Mounts on a Standard Wall J-Box
- MU-MIMO & Beamforming Improves Signal Reliability



### EWS360AP Dual-Band Wireless AC1750 Managed Indoor Access Point

- High transmit power for longer range and enhanced coverage
- Supports IEEE 802.11a/b/g/n and ac (draft) standards. Up to 450 Mbps on 2.4 GHz and up to 1300 Mbps on 5 GHz
- 6 internal MIMO antennas / Dual-band / Three Stream
- Sectorized 3D antenna design • Seamless Roaming, Fast Handover
- Band Steering shifts Dual-band clients to 5 GHz for better throughput performance



### EWS370AP Neutron EWS 11ac Wave 2 Indoor Managed Access Point

- 4x4, MU-MIMO, Dual-Band AP Supports the Highest Capacities and Ultra-Fast Speeds
- 11ac Wave 2 Speeds to 2.5 Gbps
- Dual-Radio MU-MIMO Improves Performance & Expands Capacities
- 8 Internal Omni-Directional Antennas for Both Bands





## EWS MANAGED OUTDOOR ACCESS POINTS

### EWS660AP Dual Band Wireless AC1750 Managed Outdoor AP

- Dynamic Channel Optimization
- Supports IEEE802.11a/b/g/n/ac wireless standards. Up to 450 Mbps on 2.4 GHz. Up to 1300 Mbps on 5 GHz. • Internal High Gain Antenna
- Includes power adapter or connect via PoE with 802.3at/af Switch or Injector • Fast Roaming when used with a RADIUS Server
- Band Steering shifts Dual Band clients to 5 GHz for better throughput performance



### EWS860AP Dual Band Wireless AC1750 Managed Outdoor Access Point

- Dynamic Channel Optimization
- Supports IEEE802.11a/b/g/n/ac wireless standards. Up to 450 Mbps on 2.4 GHz. Up to 1300 Mbps on 5 GHz.
- Includes power adapter or connect via PoE with 802.3at/af Switch or Injector • Band Steering shifts Dual Band clients to 5 GHz for better throughput performance • Fast Roaming when used with a RADIUS Server



### EWS870AP

#### 11ac Wave 2 Outdoor Managed AP; 4x4 MU-MIMO

- Gigabit Over-the-Air Speeds to 2.5 Gbps
- IP67-Rated Housing Withstands Harsh Environments
- Dual-Radio MU-MIMO Improves Performance & Expands Capacities • (8) Internal 3 dBi Omni-Directional Antennas
- (2) Gigabit PoE+ Ports for Connecting IP Cameras or Bridges



### EWS871AP 11ac Wave 2 Outdoor Managed AP; 4x4 MU-MIMO

- Gigabit Over-the-Air Speeds to 2.5 Gbps
- IP67-Rated Housing Withstands Harsh Environments
- Dual-Radio MU-MIMO • (8) Detachable 3 dBi Omni-Directional Antennas
- (2) Gigabit PoE+ Ports for Connecting IP Cameras or Bridges



## INDOOR AP CLIENT BRIDGES

### EAP1250

#### Next-Gen 802.11ac Wave 2 Compact Indoor Access Point

- 11ac Wave 2 Wireless Speeds to 867 Mbps (5 GHz); to 400 Mbps (2.4 GHz)
- Quad-Core CPU, 4x ARM Cortex A7 Processor, 717 MHz
- Up to 30% Faster Throughput Over 11ac Wave 1 3x3 APs



### EAP1300

#### EnTurbo 11ac Wave 2 Indoor Wireless Access Point, AC1300

- 11ac Wave 2 Wireless Speeds to 867 Mbps (5 GHz); to 400 Mbps (2.4 GHz)
- Quad-Core CPU, 4x ARM Cortex A7 Processor, 717 MHz
- Up to 30% Faster Throughput Over 11ac Wave 1 3x3 APs



### EAP1300EXT

#### EnTurbo 11ac Wave 2 Indoor Wireless Access Point, AC1300

- 11ac Wave 2 Wireless Speeds to 867 Mbps (5 GHz); to 400 Mbps (2.4 GHz)
- Quad-Core CPU, 4x ARM Cortex A7 Processor, 717 MHz
- (4) Detachable High-Gain 360-Degree RP-SMA-Type Antennas



### EAP1750H

#### 802.11ac 3x3 Dual band Ceiling-Mount Wireless Indoor Access Point/WDS

- Up to 1300 Mbps on the 5 GHz band; 450 Mbps on the 2.4 GHz band
- Up to 28 dBm transmit power on 2.4 GHz and 5 GHz
- Band Steering to relieve network congestion
- PoE with capable switches



### EAP2200

#### EnTurbo Tri-Band 11ac Wave 2 Indoor Wireless Access Point

- Reach Over Air Speeds to 2.2 Gbps on 3 Bands; 400 Mbps (2.4 GHz); 867 Mbps (5 GHz) +867 Mbps (5 GHz)
- Quad-Core CPU, 4x ARM Cortex A7 Processor, 717 MHz



## OUTDOOR AP CLIENT BRIDGES

### ENH500

#### High-Powered, Long Range 5 GHz Wireless N300 Outdoor Client Bridge

- 600mW high power long range coverage / up to 1 mile
- Wireless N300 Speed • Two Fast Ethernet Ports
- Internal High-Gain 13 dBi Directional Antenna
- IP55 Waterproof Housing • PoE and Mounting Kits Included



### ENH1750EXT

#### High-Powered, Long-Range, Ruggedized 3x3 Dual-Band Wireless AC1750 Outdoor AP

- H802.11ac wireless speeds of up to 1300 Mbps 5 GHz
- 802.11n wireless speeds up to 450 Mbps on 2.4 GHz
- 3 detachable 5 dBi 2.4 GHz & 3 detachable 7 dBi 5 GHz omni-directional antennas
- IP68-Rated waterproof housing



### ENS500

#### EnTurbo Advanced Wave 2 11ac 5 GHz Wireless Outdoor Client Bridge

- 802.11ac Wave 2 Wi-Fi Standard
- Up to 867 Mbps Data Throughput
- 5 GHz Operating Frequency
- 2 x 14 dBi Directional Antennas
- 2 x Gigabit Ethernet Ports • 24 V Proprietary PoE Power



### ENSTATION2

#### Outdoor Long-Range N300 Ethernet Bridge, 2.4GHz

- Strong 26dBm Transmit Power, 13dBi Antennas Extend Networks to 5 Miles Pt.-to-Pt.
- 11n Speeds to 300Mbps on 2.4GHz; to 90Mbps at ½ Mile • PoE Port & Injector
- Pole Mount-Ready
- Rugged IP55-Rated Waterproof Case



### ENSTATION5

#### Outdoor Long-Range N300 Ethernet Bridge, 5GHz

- Strong 26dBm Transmit Power, 13dBi Antennas Extend Networks to 5 Miles Pt.-to-Pt.
- 11n Speeds to 300Mbps on 5GHz; to 90Mbps at ½ Mile • PoE Port & Injector
- Pole Mount-Ready
- Rugged IP55-Rated Waterproof Case



## CHARIOT UNMANAGED IP SWITCHES



### EC10-5 10-Port PoLRE Switch with Coax Connectors

EC is a 10 port Ethernet over Coax switch designed specifically to facilitate a seamless switchover from an analog to an IP infrastructure by leveraging the existing coax cables to deliver Ethernet and POE. The EC switch transforms the existing, proven reliable coax infrastructure into an IP path with power ideal for IP Cameras.

- 10 Port plug-and-play coax switch leveraging PoLRE (Power over Long Reach Ethernet) technology
- Supports IEEE 802.3af & 802.3at compliant devices
- Fast Ethernet & PoE over coax with over 5 times the reach of the traditional switches
- 2 Gigabit uplink ports for stacking multiple units

### LNK-02 EC-Link Adapter 2-Pack

- EC-Link adapters are media converters that connect between a coaxial cable to a standard RJ45 Ethernet PoE connection for connectivity and power



### LNK-Plus EC-Link Plus Adapter

- The EC-Link Plus adapter is an Ethernet extender that extends Ethernet and high power over 2 or 4 pair UTP



### PL-08 For Small Business - 8 Ports

The Power over Long Reach Ethernet (PoLRE) LPC 8 Port switch was designed specifically to enable small businesses and distributed enterprise with multiple locations to migrate to a hosted or premise based VoIP solution with confidence. The PoLRE LPC switch transforms the existing, proven reliable voice infrastructure into an IP path with Power ideal for IP Telephony. Best of all, there is no need to replace the IP phone or power source when upgrading your data speeds to the desktop. The separate PoLRE backbone supports your bandwidth and power requirements today and into the future.

- Can drive up to 8 Adapters (2 included with PL-08)
- Stackable with two uplink ports
- 2 RJ45 ports: 10/100 Base-T autosensing, independent speed selection, Ethernet IEEE 802.3, CAT5 copper cable • 8 x RJ11 Jacks
- Maximum distance: 1200' (365m) CAT3 UTP cable, 24 AWG
- Speed: 10Mb/s (full duplex) • PoE power: 10 Watts



PL-PA011-6 PhyLink Adapter (6-Pack)



### FLX-08 FLEX 8 Port Unmanaged Switch

- For 2- or 4-pair UTP
- 8 downlink ports delivering 100Mbps full duplex • 2 x 1 GB uplink ports
- 150 watt external power supply included

### FLXLK-PLUS Flex Link Plus Adapter

- Media converter adapter
- Can be locally powered for more PoE delivery
- Can be paired together as Ethernet extender



## CHARIOT MANAGED IP SWITCHES



### PL-024 and PL-048 For Medium to Large Business - 24 and 48 Ports

Switches that deliver Ethernet and power over a single pair of telephony grade wire

- 24- and 48-Port Configuration Options • PoE & Ethernet over single pair
- Over 4 Times the Reach of Traditional Data Switches 1,200 feet
- 2 x 1 Gigabit Uplink Copper and Fiber Ports • RS232 Management Port
- 10x100 Mb Management Port • 10/24/48x 10 Mb Downlink Ports
- Remote Management Capability • Industry-Leading, Low Power Consumption
- Hot-Swappable AC Power Supply • Power-Sharing amongst Multiple Switch Deployments
- Multiple Power Redundancy Methods Available
- Load Balancing amongst Multiple Switch deployments

PL-024 24-Port PoLRE Switch

PL-048 48-Port PoLRE Switch

PL-PA011-6 PhyLink Adapter (6-Pack)



### FLX-024 24-Port Managed Ethernet and PoE++

The FLEX managed switch delivers fast Ethernet and PoE++ (50 watts per port) over multiple pairs of UTP cable with six times the reach of traditional switches.

FLEX was designed to make the migration to IP quick, easy and cost effective by leveraging an existing 2 or 4 pair UTP infrastructure. The Flex switch can operate in standard mode (without an adapter) and long reach PoE mode for extended reach.

Cable Type	Data Rate	Reach
4 pair CAT5e	100 Mbps	2000ft / 610m
2 pair CAT5e	100 Mbps	1000ft / 300m
1 pair CAT5e	100 Mbps	950ft / 290m (adapter must be locally powered)

### FLXLK-PLUS Flex Link Plus Adapter

- Media converter adapter
- Can be locally powered for more PoE delivery
- Can be paired together as Ethernet extender



## LONG REACH UTP ADAPTER KIT

### FLEX-04-XKIT

#### FLEX 4-Port Long Reach UTP Adapter Kit

4-Port Extender Kit Includes:

- 1 x FLEX-Base unit
- 1 x FLEX4 adapter
- 1 x 110W, 55V power supply



- 10/100BASE-T(X) Ethernet with PoE++ (up to 50W)
- 10/100Mbps, full duplex data rate Power Injection or Pass-through PoE++ over standard UTP or STP cable
- Up to 2,000ft (610m) at 100Mbps over 4-pair, or at 10Mbps over 1- (needs local power) or 2-pair • Supports Multicast, Unicast and Broadcast
- Auto detect data rate for maximum bandwidth and transmission distance utilization
- Compliant with all major IP and IEEE standards for RFC network protocols such as UDP and TCP.
- EN 50121-4 Standard for Railway/Subway environments (FLEX-Base, FLEX-Link and FLEX4)
- LED indicators for operating status

## SMART NODE VoIP GATEWAYS

The business-class SmartNode 4110 VoIP Media Gateway supports up to eight transparent phone calls and leverages VoIP for carrier and corporate access. Connecting to any analog phone, fax, or PBX, the SN4110 is an effective and flexible solution for toll-bypass, remote/branch office voice connectivity, and enhanced carrier services.

### Features:

- **Up to 8 FXS and/or FXO ports**—Compact, reliable stand-alone VoIP gateway with different port options. Supports simultaneous voice or fax calls on all ports. (note: Patton does not carry an 8-FXO unit at the present time)
- **Advanced Local Call Switching**—Virtual interfaces and routing tables provide industry leading flexibility in call handling programming. Local call switching, soft fallback to alternative routes. Simultaneously connects to multiple SIP services/IP PBXs.
- **Complete SIP and T.38 support**—Supports the complete range of industry standard VoIP: SIP, H.323, T.38 fax, fax and modem handling, DTMF relay. Codecs G.729, G.723, etc.
- **Easy Management & Provisioning**—Web-based management, SNMP, command line interface. Automated mass provisioning for efficient large-scale deployments.
- **Outstanding Interoperability**—Proven integration for voice and T.38 fax with 3CX®, Asterisk™, PingTel™ and other leading IP PBX systems and soft switch vendors.
- **Supported by SmartNode™ Redirection Service:** A free service enabling zero-touch mass deployments for Service Providers and Distributors with auto-provisioning servers



Part Number	Description
<b>FXS</b> SN4112/JS/EUI	SmartNode Dual FXS VoIP Gateway
<b>FXS</b> SN4112S/JS/EUI	Small Form Factor Dual FXS VoIP Gateway
<b>FXS</b> SN4114/JS/EUI	SmartNode 4 FXS VoIP Gateway
<b>FXS</b> SN4118/JS/EUI	SmartNode 8 FXS VoIP Gateway
<b>FXS &amp; FXO</b> SN4118/4JS4JO/EUI	SmartNode 4 FXS & 4 FXO VoIP Gateway
<b>FXO</b> SN4112/JO/EUI	SmartNode Dual FXO VoIP Gateway
<b>FXO</b> SN4114/JO/EUI	SmartNode 4 FXO VoIP Gateway
<b>PRI</b> SN4970/1E24V/EUI	Single PRI
<b>PRI</b> SN4970/4E6QVR/EUI	Dual PRI



SN4970

## CopperLink ETHERNET EXTENDER

### CL1101

#### Features:

- **Ethernet Extension**—Extends 10/100Base-TX Ethernet over 3300 feet using 2-wire, 24-AWG twisted-pair, Cat 3, Cat 5e/6/7, or coaxial cable.
- **Delivers PoE**—PowerPlus technology powers up both the remote CopperLink extender and the PoE enabled device connected to it. No power is required at the remote location.
- **Transparent LAN Bridging**—Passes higher layer protocols, including 802.1Q VLAN tagged and untagged packets. Fully transparent to various video compression schemes such as WMV, MPEG-4 and MJPEG.
- **Plug and Play**—Modems need no configuration to operate, Ethernet ports are auto-sensing 10/100, full or half-duplex.
- **Made in the USA**—This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility. Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.



### CL1101/PAFA/RJ45/EUI-2PK

- CopperLink PoE Extender Kit
- 1x 10/100; 802.3af (mode A)
- RJ45 Line; Line Powered
- AC Adapter 100-240VAC

## PRI SESSION BORDER CONTROLLER



### SN5571/1E15V30HP/EUI

#### PRI Session Border Controller

- Supports 30 VoIP calls—1 or 2 ISDN E1/T1 PRI ports. 30 simultaneous G.722, T.38 or G.711 ISDN to VoIP calls. Including SIP TLS and SRTP support for 30 calls. Or up to 16 SIP-to-SIP transcoded calls (e.g. G711 to G722 or RTP to SRTP)
- Full VoIP protocol support—SIPv2, SIPv2 over TLS, ISDN, DSS1, NI-2, QSIG, T.38, G.722 HD voice, RTP Security with SRTP, fax and modem bypass, DTMF relay, SIP to SIP transcoding for up to 15 calls, non transcoding up to 512 calls.
- Full Telephony Features—Session Router allows flexible call routing and numbering plan adaptations, CLIP/CLIR, hold, transfer, 3-way conferencing (Roadmap) and much more.
- SIP Registrar - License is included in ALL eSBC products.
- Complete Access Routing —Two 10/100/1000 Ethernet ports with auto MDI-X. Ethernet Layer 2 switching and bridging. Access router with NAT, Policy Based Routing, Stateful Firewall, PPPoE, DHCP, DynDNS.
- Access link redundancy —Through USB port, using 3G/4G Cellular Modem module
- Management & Provisioning— Web-based management, WEB Wizard, SNMPv3, command line interface, auto-provisioning, separate config domain support, secure provisioning for configuration & software upgrades.
- Outstanding Interoperability—Interoperable for voice and T.38 fax with leading SIP service providers, softswitch vendors, and Asterisk™ IP-PBX.
- Class A Compliance—All models with external (EUI) power supply.

TARGET IS YOUR BEST SOURCE FOR PATTON

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- **Affordable monthly payments**
- **Customer support from start to finish**
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### HDCAM

Ultra-fine magnetic particles are 50% smaller than used in Digital Betacam yielding crisp HD images. Outstanding archive potential using specially developed Alumina-silica protective layer for the magnetic particles.

<b>BCT-6HD</b>	6 Minutes
<b>BCT-12HD</b>	12 Minutes
<b>BCT-22HD</b>	22 Minutes
<b>BCT-32HD</b>	32 Minutes
<b>BCT-40HD</b>	40 Minutes
<b>BCT-64HDL</b>	64 Minutes
<b>BCT-94HDL</b>	94 Minutes
<b>BCT-124HDL</b>	124 Minutes

## PROFESSIONAL MEDIA



### HDCAM SR

Sony HDCAM SR digital cassettes are designed to maximize recordings in HDCAM SR professional digital videotape recorders. HDCAM SR is the ultimate in HDCAM video recording quality.

<b>BCT-6SR</b>	6 Minutes
<b>BCT-33SR</b>	33 Minutes
<b>BCT-40SR</b>	40 Minutes
<b>BCT-64SRL</b>	64 Minutes
<b>BCT-94SRL</b>	94 Minutes
<b>BCT-124SRL</b>	124 Minutes



### XDCAM/XDCAM HD Professional Disc™

<b>PFD23A 23GB Single Layer</b>
Rewritable. 43 minutes recording time.
<b>PFD50DLA 50GB Dual Layer</b>
Rewritable. 185 minutes recording time in SD @ 25Mbps 265 minutes recording time in HD @ 18Mbps
<b>PFD100TLA 100GB Triple Layer</b>
Rewritable. Up to 190 minutes of MPEG HD422 video
<b>PFD128QLW 128GB Write Once Disc</b>
Quad layer. Up to 4 hours of MPEG HD422 video



### DVCAM Digital Master

DigitalMaster tape is designed for any mini-DV or DVCAM camcorders or VTRs. It's the only professional videotape with not one, but two 100% active magnetic layers for 90% fewer errors than consumer DV tape.

<b>PHDVM63DM</b>	63 Minutes
<b>PDV64DM</b>	64 Minutes
<b>PDV124DM</b>	124 Minutes
<b>PDV186DM</b>	186 Minutes
<b>PDV276DM</b>	276 Minutes



### LTO

1.6TB compressed capacity with 240MB/s transfer speed in a new high-performance data cartridge that incorporates a robust non-contact 8KB IC memory with twice the capacity of previous generations. Advanced binder system minimizes tape and head wear.

<b>LTX100G</b>	<b>LTX800G</b>	<b>LTX6000G</b>
<b>LTX200G</b>	<b>LTX1500G</b>	
<b>LTX400G</b>	<b>LTX2500G</b>	

Also available with Barcode and as a WORM cartridge.

### Ruggedized Portable Hard Drives



These new portable hard disc drives are designed by Sony for professionals needing high capacity storage to back up and safely store or transport data. These external hard drives have a shock-resistant cover and a reinforced protective case that reduces the chance for damage. They have one USB 3.0 and two FireWire 800 ports.

<b>PSZHBIT</b>	1TB
<b>PSZ-HC1T</b>	1TB
<b>PSZ-HC2T</b>	2TB
<b>PSZHB1T</b>	1TB
<b>PSZHB2T</b>	2TB
<b>PSZRA4T/BQ</b>	4TB
<b>PSZRA6T/BQ</b>	6TB



### Secure Digital (SD) Memory Cards

Featuring exceptional data speeds and unparalleled reliability, Sony SD cards help you capture high-resolution photos and HD videos with their industry-leading flash memory technology. Sony memory cards come in a range of capacities, offering ample space for storing photos, video, and other data on cameras, camcorders, and other SD-enabled devices.

**Sizes** - 8GB, 16GB, 32GB & 64GB  
**Speed** - Class 10



### XQD Memory Cards

- MRWE90/BC2** Memory Card Reader
    - Transfers Data From XQD Card To PC
    - Data Transfer Speed: Up To 5.0 Gbps
  - QDAEX1/SC1** ExpressCard Adapter
    - Transfers Data From Memory Card To PC
  - XQD Format Version 2 Memory Card**
- |                  |                |
|------------------|----------------|
| <b>QDG32E/J</b>  | 32GB XQD Card  |
| <b>QDG64E/J</b>  | 64GB XQD Card  |
| <b>QDG128E/J</b> | 128GB XQD Card |

- Max. Read Speed: 400 MB/s
- Max. Write Speed: 350 MB/s

### SxS Memory

Sony "SxS-1" was developed to meet demands for an affordable solution to SxS PRO memory cards. The SxS-1 memory card maintains the same shooting capability as SxS PRO as well as high performance and reliability for professional use. The new Pro+ Cards (SBP64B & SBP128B) were specifically developed to support Sony's new F5 and F55 CineAlta™ 4K cameras.



<b>SBP64E</b>	64GB (Ultra Hi-Speed)
<b>SBP128E</b>	128GB (Ultra Hi-Speed)
<b>SBP256E</b>	128GB (Ultra Hi-Speed)
<b>SBS32G1C</b>	32GB
<b>SBS64G1C</b>	64GB
<b>SBS128G1C</b>	128GB



4K



- XBR77A1E 77" Smart OLED 4K Ultra HD TV with HDR**
- Ultra High Definition TV with 4K screen resolution (3840 x 2160 pixels)
  - Self-illuminating OLED (Organic Light Emitting Diode) display panel produces infinite picture contrast and absolute black • MotionFlow™ XR blur/judder reduction
  - Android TV™ with Chromecast Built-in • Dual-band 802.11ac Wi-Fi • 4 HDMI 2.0a
  - Ethernet port • 3 USB inputs for connecting a thumb drive or other device and MORE!



4K

- XBR43X800E 43" Smart LED 4K Ultra HD TV with HDR**
- UHD 3840 x 2160 LED Panel • HDR10-Compatible • 60 Hz Refresh Rate and Motionflow XR 240 • Screen Mirroring Technology • Built-In Wi-Fi & Ethernet
  - Access Google Play Store & Apps • Compatible with Opera Web Browser
  - 4 x HDMI / 3 x USB • TRILUMINOS Display Color Enhancement
  - Dolby Digital Compatibility



- Sony KDL-32W600D 32" Smart LED HDTV**
- 720p (1366 x 768) LED Panel
  - Motionflow XR 240 • Screen Mirroring Technology
  - Built-In Wi-Fi & Ethernet Connectivity
  - Smart TV OS
  - 2 x HDMI / 2 x USB • X-Reality PRO



4K

- XBR65A1E 65" Smart OLED 4K Ultra HD TV with HDR**
- UHD 3840 x 2160 OLED Panel • HDR10 Compatible
  - 120 Hz Refresh Rate with Motionflow XR
  - Built-In Wi-Fi & Ethernet Connectivity
  - Access the Google Play Store & Apps
  - 4 x HDMI / 3 x USB • TRILUMINOS Display
  - Dual Actuator Audio Production

4K



- FWD75Z9D 75" 4K Ultra HD Smart Android TV**
- Unprecedented brightness and black levels
  - 4K HDR Processor X1 Extreme
  - Full-array discrete LED control and X-tended Dynamic
  - Android TV with Google Cast, voice search & Play Store apps, Home automation controlled directly from the TV • Send entertainment from your smartphone to your TV with Google Cast and MORE!

Full HD 1080



- HXCFB75KC Studio Camera**
- DV-F10 3.5" QHD Color LCD Viewfinder
  - Monaural Microphone • HD 20x Zoom Lens
  - Three 2/3-inch Exmor CMOS sensors to produce excellent HD (1080p) pictures • 1x USB 2.0
  - Hybrid-type optical fiber cable connection to CCU extends signal transmission with power supply to 1,148.29 ft
  - Long-distance transmission up to 6.21 mi with single-mode fiber cable



- VPLCH375 WUXGA Display Projector**
- Brightness of 5000 Lumens
  - WUXGA 1920 x 1200 Native Resolution
  - 1.5:1 to 2.2:1 Throw Ratio
  - 2 x HDMI / 1 x VGA / 1 x Composite Video
  - USB Display Compatible
  - Up to 3000 Hours in Normal Mode
  - 2500:1 Contrast Ratio
  - Built-In 12W Mono Speaker
  - HDBaseT for Audio, Video, Control, LAN

Full HD 1080



- Sony VPLFH700L Laser HD Display Projector**
- Laser light source • 7000 lumens
  - Native WUXGA (1920 x 1200) • Full-HD resolution
  - 8000:1 Contrast Ratio
  - 20,000 hours maintenance-free with robotic cleanable filter • Near instantaneous power on
  - HDMI and DVI-D RJ45 for network control and monitoring • Auto light dimming
  - 12 bit 3D Digital Gamma Correction
  - **Lens additional – see below left**

Full HD 1080



- 2NPF970/B Lithium-ion Camcorder Batteries**
- Small and lightweight, Sony's Lithium-ion batteries can be charged or discharged anytime without developing memory effect. InfoLithium battery packs have a built-in micro processor that accurately calculates remaining battery life.



- VPLLZ3009 Fixed Short Throw Projector Lens**
- For Sony Models VPL-FHZ65, VPL-FHZ60, VPL-FH65, and VPL-FH60 3LCD projectors.
  - 0.85:1 to 1.0:1 Throw Ratio
  - Manual zoom
  - Manual focus

Full HD 1080

**SRG120DH Video Conferencing PTZ Camera**

- 2.1MP 1/2.8" Exmor CMOS sensor
- 1.8 lx minimum illumination
- 12x optical /12x digital zoom
- Wide field of view at 71°
- eXellent Dynamic Noise Reduction
- Smooth & quiet PTZ movement
- HDMI video interface



**ICD-UX560BLK Digital Flash Voice Recorder**

- Record In Linear PCM and MP3 Formats
- Internal 4GB Memory & microSD Expansion
- 2-Element Internal Mic
- Built-In Rechargeable Battery
- Built-In 0.63" Speaker
- 3.5mm Microphone Input
- 3.5mm Headphone Output
- USB 2.0 for PC & Mac



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**B125-150**  
**HDMI over Dual Cat5 Extender**  
 • Extends a 1080p (24Hz) or 1080i (60Hz) signal up to 150 ft. using Cat5e/6 cabling



**P142-000-UP**  
**HDMI Right Angle Up Adapter / Coupler (M/F)**  
 • Use in tight spaces • Saves wear and tear on equipment ports and cable ends



**P502-050**  
**50-Foot VGA Coax Monitor Cable**  
 • Superior cables with EMI/RFI shielding  
 • Gold plated connectors  
 • Resolutions up to 2048 x 1536



**P134-06N-VGA**  
**DisplayPort to VGA Active Cable Adapter**  
 • 1920x1200/1080P  
 • Converts both Single-Mode and Dual Mode (DP++) Displayport output  
 • 3-year limited warranty



**P580-006**  
**DisplayPort Cable**  
 • 6ft. cable  
 • Supports Ultra High Definition (UHD) 4K x 2K video resolutions up to 3840 x 2160 @ 60Hz, including 1080p  
 • Lifetime limited warranty



**B126-1A1**  
**HDMI over Cat5/6 Active Extender Kit**  
 • Extends a 1080i (60 Hz) signal up to 200 ft., a 1080p (60 Hz) signal up to 150 ft. and a 3D signal up to 125 ft.  
 • 1-year limited warranty

**Wireless HDMI Extenders**  
**B126-1A1-WHD1**  
 Extends signals up to 50m (165ft)  
**B126-1A1-WHD2**  
 Extends signals up to 200m (650ft)

**Features common to both models:**  
 • Supports video resolutions up to 1920 x 1080 (1080p) @ 60 Hz  
 • IR control for accessing HDMI source device remotely  
 • Compatible with HDMI 1.3 and HDCP 1.2 • Supports 24-bit Deep Color and stereo audio • Easy no-fuss setup with no cabling infrastructure



**U244-001-HDMI-R**  
**USB 2.0 to HDMI Dual/Multi-Monitor External Video Graphics Card Adapter**  
 • Connect a HDMI monitor or projector to the USB 2.0 port of your computer



**B118-004-UHD**  
**HDMI Splitter for Ultra-HD**  
 • 4-Port  
 • Supports Full 3D and video resolutions up to both 4096 x 2160 and 3840 x 2160 (4K x 2K) @ 30Hz  
 • 3-year limited warranty



**B130-101A-2**  
**VGA over Cat5-Cat6 Extender Kit**  
 • Extend a 1920 x 1440 (60Hz) video and audio signal up to 500 ft., or a 1024 x 768 (60Hz) video and audio signal up to 1,000 ft. • EDID compatibility  
 • 1-year limited warranty



**P167-000**  
**HDMI over Dual Cat5/Cat6 Extender Wall Plate Transmitter & Receiver**  
 • Extends a 1080p (24Hz) or 1080i (60Hz) signal up to 150 ft.  
 • Supports 24-bit True Color  
 • Supports HDCP, EDID and DDC



## HDMI Cables

High Speed with Ethernet

- Version 1.4a
- Supports 3D
- Supports 4K
- Supports Internet capable HDTVs
- Audio return channels



## HDMI-XF

• 50, 75 and 100-foot lengths require NO booster  
 X = 3, 6, 10, 15, 25, 30, 35, 40, 45, 50, 75, 100 feet  
 Other lengths also available by Special Order.  
 Call for details.



## SVGAMM-X VGA Cable

- 2-Ferrites to protect against unwanted EMI/RFI interference.
- Supports: VGA, SVGA, XGA, XGA+, SXGA, SXGA+ and UXGA resolutions  
 X = 50, 100 feet



## LYNBL201421

4" 3.5mm Stereo Male to (2) 3.5mm Stereo Female



## 3.5mm Mini to RCA 3.5MM/2RCA-6FT

- Male/Male
- 6-foot cable



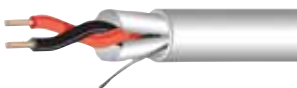
## Mini to Mini (3.5mm) 3.5MM-6FT

- Male/Male
- 6-foot cable



## SVGA-3.5MM-XF

- VGA cable with M/M 3.5mm audio cable  
 X = 6, 15, 25, 50 or 75 feet



**Shielded Plenum Speaker Wire**  
**442320-B500 White**  
**442320-B500-GY Gray**  
 • 500-feet in pull box  
 • 18 gauge/2-cond.

Audio/video installations in educational and commercial settings often require plenum-rated cabling. This wire is constructed from two color-coded 18 AWG twisted pair copper cables (one red, one black) to ensure easy identification. The speaker wire is twisted within a naturally colored jacket for easier pulling and installation.



**442380-500**  
**Plenum Speaker Wire**  
 • 500-feet in pull box  
 • 18 gauge/4-cond. • White

**Smart Mount Flat Mounts**

These sturdy wall plates holds displays weighing up to 350lbs. Delivering an ultra-slim profile, these mounts are the essential element for low-profile installations of displays from small to extra-large.



- SF630** For 10" to 24" Displays
- SF640** For 23" to 46" Displays
- SF650** For 32" to 56" Displays
- SF660** For 37" to 63" Displays
- SF670** For 46" to 90" Displays
- SF680** For 61" to 102" Displays

**Smart Mount Tilt Mounts**

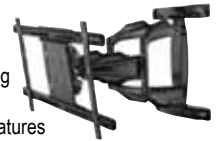
The SmartMount® Tilt Wall Mount series offers the most versatile installation features and mounting options. Quickly and easily adjust the viewing angle without the use of tools.



- ST630** For 10" to 24" Displays
- ST632** For 22" to 40" Displays
- ST635** For 13" to 37" Displays
- ST640** For 23" to 46" Displays
- ST650** For 32" to 56" Displays
- ST660** For 37" to 63" Displays
- ST670** For 46" to 90" Displays
- ST680** For 61" to 102" Displays

**Smart Mount Articulating Mounts**

The SmartMount® Articulating Wall Mount series offers the most versatile installation features and mounting options. Vertical adjustment ability allows for post installation leveling, making it easier than ever to find the perfect display position.



- SA730P** For 10" to 24" Displays
- SA740P** For 22" to 40" Displays
- SA746PU** For 32" to 50" Displays
- SA752PU** For 32" to 52" Displays
- SA761PU** For 39" to 75" Displays
- SA771PU** For 46" to 90" Displays

**Ultra Slim Fixed Mounts**

One of the world's slimmest mounts at only 0.33" (8mm) thin, it is ideal for the latest ultra-thin displays.



- SUF640P** For 37" to 50" Ultra-thin Displays
- SUF641** For 24" to 50" Ultra-thin Displays
- SUF650P** For 37" to 75" Ultra-thin Displays
- SUF651** For 37" to 75" Ultra-thin Displays
- SUF660P** For 40" to 80" Ultra-thin Displays
- SUF661** For 40" to 80" Ultra-thin Displays

**Ultra Slim Tilt Mounts**

This ultra-slim, universal tilting wall mount holds the display one-inch (25mm) from the wall, giving a sleek, low-profile finish for today's ultra-thin displays. Designed specifically with the professional installer in mind, this mount offers a quick and easy, one-person installation.



- SUT646P** For 32" to 50" Ultra-thin Displays
- SUT670P** For 32" to 80" Ultra-thin Displays

**Ultra Slim Articulating Mounts**

These are some of the thinnest articulating wall mounts on the market, designed exclusively for ultra thin displays.



- SUA737** For 32" to 47" Ultra-thin Displays
- SUA746PU** For 32" to 50" Ultra-thin Displays
- SUA751** For 37" to 60" Ultra-thin Displays
- SUA765PU** For 42" to 75" Ultra-thin Displays

**HDS300**

**PeerAir™ Pro Wireless AV Multi-Display System**

- Transmits through walls and ceilings for multi-room streaming capability
- Built-in IR does not require line-of-sight placement to control source devices
- The PeerAir™ Pro (802.11n) creates it's own network without interfering with existing WiFi networks
- Multicast up to six PeerAir™ Pro Wireless Receivers
- Full HD 1080p (60Hz) (24/30 fps) and passive 3D signal flow, ideal for ultra-fast signal streaming
- Long range, high-quality streaming up to 210ft with no reduction of picture quality



**KIPICT555**

**All-in-One Kiosk**

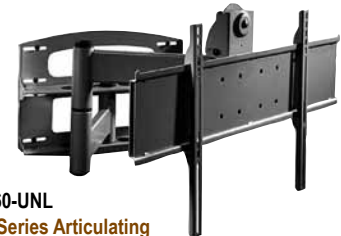
- All-in-one LCD digital touch kiosk powered by BrightSign® to design and publish interactive or non-interactive content
- Quick and easy set-up via microSD
- Bluetooth or cable • Six point IR touch to engage your audience
- Standard HTML5 engine
- Full HD video and audio streaming
- Easily update messaging and interact with the kiosk using your iPad or iPhone
- Remotely control and interact with the kiosk via Ethernet or WiFi • Sleek and stylish, but rugged enough to be installed in any application



**PLA60-UNL**

**PLA Series Articulating Wall Arm For 37" to 95" Displays**

a single solution for displays up to 95" in a wide range of installations including lobbies, hotel rooms, boardrooms, public displays or home theaters. Holds screens up to 175lb, while its self-lubricating bushings enable the arms to smoothly articulate and position your display for optimal viewing. Adjustable tilt and pivot capabilities.



**Suspended Ceiling Kits**

The Suspended Ceiling Plate for Jumbo Mounts consists of a 24"(610mm) x 24"(610mm) ceiling tray suspended by four tie wires from the true ceiling above. A fifth "safety cable" is also provided.

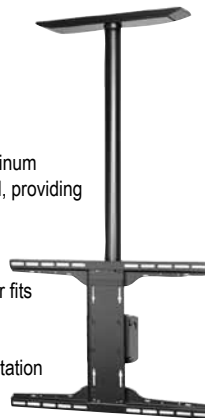
- CMJ450** Replaces 2'x2' ceiling tile
- CMJ453** Replaces 2'x2' ceiling tile
- CMJ455** Replaces 2'x2' ceiling tile (Lightweight. Brackets not included)



**PLCM-UNL-CP-AB**

**SmartMount® Universal Ceiling Mount For 32" To 90" Displays**

- -5° to 20° adjustable tilt and 360° swivel
- Peerless-AV EXT103 Aluminum Extension Column included, providing a 36" drop
- Simple hook-on display installation
- Universal I-Shaped Adaptor fits displays with mounting holes up to 600 x 400mm
- Landscape or portrait orientation
- Maximum load = 150 lbs.
- Antimicrobial coating



**PRGS-UNV**

**Precision Gear Projector Mount Kit For Multimedia Projectors**

- Two adjustment knobs control tilt and roll image alignment
- Horizontal wrench access slots
- Cable Management routing
- Quick release mechanism
- Includes Spider® universal adapter
- Maximum load = 50 lbs.







- QN75Q8CAMF 75\"/>
  - UHD 3840 x 2160 Curved LED Panel • HDR10 Support
  - Motion Rate 240 for Reduced Motion Blur
  - Screen Mirroring Technology • Built-In Wi-Fi
  - Full Web Browser • 4 x HDMI / 3 x USB
  - Q | 4K Color Drive Elite
  - All Connectivity via One Connect Box**



- PN-LE901 90\"/>
  - 90\"/>
  - Brilliant high definition (1920x1080) LCD display
  - Streamlined design using full array LED backlighting
  - RS-232C control capability
  - Built-in 10W per channel stereo audio system
  - 4000000: 1 Dynamic contrast ratio**



- 55H90 PLUS 55\"/>
  - Screen resolution 3840 x 2160p
  - 4 HDMI ports • 3 USB ports
  - 175 degree viewing area • 4K upscaling
  - 10W x 10W audio power
  - Supports Dolby Digital and dbx-tv®
  - Optical digital audio input**



- LG 65LX540S 65\"/>
  - Full HD 1920 x 1080 Native Resolution
  - Free SuperSign Lite Software
  - Media Editing & Scheduling Control
  - 2 x HDMI / 1 x RGB / 2 x USB
  - MHL Connectivity via HDMI
  - Digital Signage & Hospitality Capable**



- 40GSR3000FM 40\"/>
  - 1920 x 1080 Native Resolution
  - LED backlit display
  - Viewing Angle: 170° Vertical / 170° Horizontal
  - Dynamic Contrast • 60 Hz Refresh Rate
  - 3 x HDMI
  - Stereo 16W Speaker System**



- VX4380-4K 43\"/>
  - UHD (3840 x 2160) Native Resolution
  - 178° horizontal, 178° vertical viewing area
  - 1100:1 Static Contrast Ratio
  - HDMI, DisplayPort, Mini DisplayPort In
  - Dual Built-In 7W Speakers
  - Kensington lock slot**



- E905 90\"/>
  - 1080p (1920 x 1080) Native Resolution
  - 5000:1 Contrast Ratio
  - Temperature Sensors and Fans • OPS Expansion Slot
  - Full Bi-Directional RS-232 Control
  - 2 x HDMI / 1 x DVI / 1 x DisplayPort • IR & Button Lock
  - Built-In 10W Speakers • Digital Signage Capable**



- SB5574UHD-BL 55\"/>
  - UHD 3840 x 2160 LED Panel • 60 Hz Refresh Rate
  - Weatherproof Design for Shaded Areas
  - RF Antenna, RCA Component, RCA Composite
  - 4x HDMI, 2x USB Inputs
  - Optical, Stereo RCA Audio Out
  - Weatherproof IR Remote Control Included**



- 20387V Tensioned Cinema Contour HDTV Fixed Frame Projection Screen**
- Wall Mountable • 106\"/>
  - 16:9 Aspect Ratio
  - Pro-Trim Fabric Borders
  - Front Projection
  - Wall mounting brackets are included



- PowerLite 2165W WXGA 3LCD Projector**
- Brightness of 5500 Lumens
  - WXGA (1280 x 800) Native Resolution
  - 1.38 to 2.24:1 Throw Ratio
  - HDBaseT, VGA, Composite, 2 x HDMI Inputs
  - Analog Audio Input and Output • Built-In 16W Speaker
  - Ethernet and RS-232 Controllable
  - Wireless LAN Module & IR Remote Included



- IN128HDX Full HD3D DLP Projector**
- Brightness of 4000 Lumens • 10-Watt Speaker
  - Full HD (1920 x 1080) Native Resolution
  - 1.15 to 1.5:1 Throw Ratio
  - HDMI, RCA Composite, S-Video, 2x VGA-In
  - Compatible with Crestron and AMX
  - Ethernet and RS-232 Controllable
  - VGA Cable and IR Remote Included



- EH200ST Full HD 3D Multimedia DLP Projector**
- Brightness of 3000 Lumens
  - Full HD 1920 x 1080 Native Resolution
  - Short 0.5:1 Throw Ratio • Dual HDMI Inputs
  - Full 3D via HDMI 1.4a Connectivity
  - Up to 6,500 Hours of Lamp Life • 10W Speaker
  - MHL Mobile Device Connectivity
  - Includes Carrying Case & Remote Control



**ELO Touch 5502L**  
**55" Interactive Digital Signage Display**

- Enables up to 12 simultaneous touches for multi-user interaction • Full HD 1080p display
- Commercial-grade touchscreen
- Compatible with Windows, Linux, Mac (single touch only), Chrome, and other media players



**Panasonic TH84EF1U 84" Signage Display**

- Full HD 1080p display • Digital zooming
- PC power management
- DVI-D and HDMI power management
- USB media player • Data cloning
- Early warning software compatible
- Operating time of 16 hours per day



**Atlona AT-HDVS-200-RX**  
**HD Video Scaler with HDMI Output**

- HDBaseTTM receiver for AV, Ethernet, power, and control up to 330 feet (100 meters)
- TCP/IP and RS-232 scaler and display control
- Contact closure for screen or display lift control
- Audio de-embedding • AC or PoE
- On-screen display with front panel menu controls



**dbx DriveRack VENU360**  
**Loudspeaker Management System**

- 5 x 6 Routing / 3 x 6 Signal Processing
- Enhanced AFS Feedback Elimination
- AutoEQ For Room Equalization
- dbx Compression/Limiting
- Selectable Crossover Filters
- 31-Band Graphic/ 12-Band Parametric EQs
- Backline and Driver-Alignment Delays
- 25 x Factory / 75 x User Presets
- Android, iOS, Mac, and Windows Control



**JBL Control 26CT**  
**Two Way Vented Ceiling Speaker - Pair**

- 6.5" Woofer for use with 70/100V Audio Distribution
- 140 Watts power capability
- Multi-tap transformer for 70V/100V systems
- 75Hz to 20kHz frequency range (-10dB) • 16 Ohm load
- Coaxially mounted 6.5 in. woofer with 3/4 in. titanium coated diffraction-loaded tweeter



**Crown CDI6000**  
**Solid-State 2-Channel Amplifier**

- 2100W @ 4Ω, 70V/140V Power Amplifier
- Extremely versatile; rated for 2-, 4-, 8-ohm loads and 70V & 140V outputs • Intuitive front-panel LCD screen
- Switch-mode universal power supply
- Onboard digital signal processing includes crossovers, EQ filters, delay, and output limiting • Rack mount



**Kramer DIP-30**  
**4K60 4:2:0 HDMI & VGA Auto Switcher**

- Resolution Support up to 4K@60Hz (4:2:0)
- UHD Max. Data Rate: 10.2Gbps
- Automatic Live Input Detection
- Automatic Analog Audio Detection & Embedding
- I-EDIDPro™ Kramer Intelligent EDID Processing™
- Data Equalization & Reclocking • Digital Audio Support



**IO Gear GWHD11**  
**Wireless HDMI Transmitter and Receiver Kit**

- Includes Transmitter and Receiver
- Stream Audio/Video Wirelessly via HDMI
- Uncompressed Full HD 1080p • Supports 3D Video
- Supports 5.1 Channel Digital Audio • Up to 30' Range
- Video Resolutions: 480p/720p/1080i/1080p
- Less than 1ms Latency
- Add up to 3 Separately Sold Transmitters



**Furman M-8S**  
**15A Standard Power Conditioner with Sequencer**

- Power Sequencing
- Six sequenced rear panel outlets (in three groups), two unswitched rear panel outlets, and one front panel unswitched outlet • Noise Filtration • Surge Protection
- Eight rear panel outlets and one front panel convenience panel outlet. • 15 Amp Rating
- Wall Wart Spacing



**Ross Video ADA8402A**  
**AES / EBU Distribution Amplifier – 75Ω**

- 1x4 or 1x8 AES distribution amplifier
- Supports audio sampling frequencies: 32kHz to 96kHz
- 75Ω unbalanced AES3 I/O
- Ideal for distributing Dolby® E & Dolby® Digital signals
- Provides level matching and level control of output signals • 20 DAs in the OG3-FR • Power: 2 Watts



**Tascam US-16X08** **USB 2.0 Audio Interface**

- Ultra-HDDA mic preamps with -125dBu EIN
- Eight Ultra-HDDA mic pres with XLR connectors, eight TRS inputs • Up to 96kHz/24-bit recording
- Standalone use as an independent mic preamp
- Mac & Windows • MIDI input and output
- Connect with iPads and other iOS devices
- +48V phantom power available for all mic inputs



**Yamaha CDC600RK** **Rackmount 5-Disc CD Changer**

- CD, CD-R/RW Playback
- Supports MP3 & WMA Audio Files
- High Performance DAC • 3-Mode CD Text Display
- Pure Direct Mode
- PlayXchange for Uninterrupted Music
- Digital Optical Out
- Front-Panel USB Port

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## CONFERENCE PHONE FOR SOHO APPLICATIONS

### VoiceStation™ 300

2200-17910-001

- 360° room coverage • Ideally suited for desktops, offices, and other small rooms with 3-4 participants
- Features Polycom's award-winning Acoustic Clarity Technology
- Smart technology, such as Dynamic Noise Reduction (DNR), provides maximum microphone sensitivity, while reducing distracting room and background noise
- Full-duplex technology ensures that everyone on the call can be heard
- A handset phone can be plugged in for private calls, or simply switch back to the VoiceStation 300 for hands-free conversations.

2200-17918-001 AC wallmod power supply 110-120VAC 0.2A for VoiceStation 100/300/500 with NA power plug  
 2457-00449-001 Cable - 8 Wire Console Cable, keyed RJ-45 to RJ-45, 6.4m/21ft, for VoiceStation 100, SoundStation2 and SoundStation without Display. Also Premier Satellite to Console Cable



## SoundStation DUO CONFERENCE ENDPOINT

### SoundStation Duo™ Dual Mode Analog and IP Conference Phone

2200-19000-0001 AC

Includes Power Supply, Power Cord with North American plug, Power Injection Module (PIM) with 6.4m combined PSTN/Cat5 cable, 2.1m RJ-11 PSTN cable, 2.1m Cat5 cable and Quick Start Guide

- Best-in-class investment protection – Operates in analog telephony environments and supports the migration to VoIP
- Broadest VoIP interoperability – Compatible with a broad array of SIP call platforms to maximize voice quality and feature availability while simplifying management and administration
- Polycom HD Voice technology
- Strong, robust SIP software – Leveraging the most advanced SIP endpoint software in the industry, with advanced call handling, security, and provisioning features
- Lower cost of deployment and administration – Web configuration tool makes setup simple and eliminates the need for a boot server
- Applications Port – Connects to mobile phones for dialing from rooms without an analog phone line, and connects to a PC or tablet to become a high-quality conference phone for Internet calling
- Resists interference from mobile phones and other wireless devices while delivering clear voice conferencing with no distractions
- Up to 10-foot (3-meter) microphone pickup range. Optional expansion microphones for even larger room coverage



HDvoice



#### Accessories:

2200-07817-001 Cable - 2.5mm cell phone cable 1.2m/4ft for use with SoundStation Duo  
 2200-15855-001 Expansion Microphone Kit for SoundStation Duo. Includes two expansion mics and 2.1m (7ft) cables  
 2200-17240-002 Computer Calling Kit-use SoundStation Duo as speakerphone for VoIP calls via computer based softclients. 1.5m/5ft cable connects phone to a computer's 3.5mm mic/line in and line out jacks  
 2200-19050-001 AC Power Kit for SoundStation Duo. Includes Power Supply, Power Cord with North American plug, Power Injection Module (PIM) with 21ft/6.4m combined PSTN/Cat5 cable, 7ft/2.1m RJ-11 PSTN cable and 7ft/2.1m Cat5 cable  
 2200-41220-001 Cable - Two (2) expansion microphone cables, 2.1m/7ft for SoundStation VTX 1000, SoundStation2 EX, SoundStation2W (Expandable), SoundStation Duo and SoundStation IP 6000  
 2200-41220-002 Cable - Two (2) expansion microphone cables, 4.6m/15ft for SoundStation VTX 1000, SoundStation2 EX, SoundStation2W (Expandable), SoundStation Duo and SoundStation IP 6000  
 2457-19047-001 Cable - 3.5mm mobile device cable 1.2m/4ft for use with SoundStation Duo. For devices with iPhone (R) style wiring and wiring used by many Samsung, Sony Mobile Communications and Nokia mobile devices

## SoundStation 2

### SoundStation 2™ Basic

2200-15100-001

SoundStation 2 (No Display/Non-Expandable)

- Polycom Acoustic Clarity technology – Allows natural, interactive 2-way conversations (full duplex)
- Users can speak in a normal voice up to ten feet away from the console
- Three cardioid microphones provide 360° coverage so that everybody in the room can be heard clearly
- Dynamic Noise Reduction (DNR) automatically reduces room background noise from fans, projectors, heating and air conditioning for clearer sound and more efficient conferencing
- Intelligent microphone mixing automatically selects the microphone closest to the person speaking, eliminating background noises
- Single-cord connection to phone console – eliminates cable clutter on the tabletop
- Easy to use and install – no training required, connects into any analog phone jack • Non-expandable



## DIRECT CONFERENCE PHONE INTERFACE



### Konference-10910 Direct Phone Interface

- Digital to Analog Converter • Works with virtually any conference unit or direct connect speakerphone
- Connects to any standard teleconferencing unit RJ-11 jack • Requires telephone with modular handset
- Powered by AC adapter (included)

Konexx products cannot be returned to Target. Factory service only.





## SoundStation 2 ENHANCED and EXPANDABLE

### SoundStation 2™ Enhanced

**2200-16000-001**

SoundStation 2 (With Display/Non-Expandable)

- Polycom Acoustic Clarity technology – Allows natural, interactive two-way conversations (full duplex)
- Users can speak in a normal voice up to ten feet away from the console
- Three cardioid microphones provide 360° coverage so that everybody in the room can be heard clearly
- Dynamic Noise Reduction (DNR) automatically reduces room background noise from fans, projectors, heating and air conditioning for clearer sound
- Intelligent microphone mixing automatically selects the microphone closest to the person speaking
- Backlit graphical display for convenient, easy access to important call information
- Auxiliary Input/Output Jacks – 2.5mm jack: Provides connection to other communication devices, such as a mobile phone, for hands-free conferencing
- RCA jack: Allows connections to other peripherals, such as an audio recorder
- Single-cord connection to phone console – eliminates cable clutter on the tabletop



### SoundStation 2™ Expandable

**2200-16200-001**

SoundStation 2 (With Display/Expandable) (No Mics)

- As above but capable of having external mics added to allow for even greater room coverage

### Accessories

**2200-16155-001**

Expansion microphones kit for SoundStation2. Includes two (2) expansion microphones and two (2) 3m/9.7ft expansion microphone cables.

**1676-07870-001**

Neoprene carry case for SoundStation2

**2200-00699-001**

Wireless Lapel Microphone with Frequency A = 171.905MH

**2200-00699-002**

Wireless Lapel Microphone with Frequency F = 203.400MHz

**2200-07817-001**

Cable - 2.5mm cell phone cable 1.2m/4ft for use with SoundStation2

**2200-16020-001**

AC Power Kit. Includes wallmod power/telco module 110-120VAC 0.2A with NA plug, RJ-11 to RJ-11 cable and RJ-45 power supply to console cable.

**2200-17240-002**

Computer Calling Kit for SoundStation2 with LCD. 1.5m/5ft cable connects phone to a computer's 3.5mm mic/line in and line out jacks

**2200-41220-001**

Cable - Two (2) expansion microphone cables, 2.1m/7ft for SoundStation2

**2200-41220-002**

Cable - Two (2) expansion microphone cables, 4.6m/15ft for SoundStation2

**2457-00449-001**

Cable - 8 Wire Console Cable, keyed RJ-45 to RJ-45, 6.4m/21ft, for SoundStation2

**2457-19047-001**

Cable - 3.5mm mobile device cable 1.2m/4ft for use with SoundStation2.

## REALPRESENCE TRIO™ 8800 – SMART HUB FOR GROUP COLLABORATION

### RealPresence Trio 8800

- Enhanced HD Voice and automatic elimination of background noise with Polycom's exclusive NoiseBlock
- Advanced call handling, security, and provisioning features (H.264 AVC, High Profile, Lync Basic SVC)
- Effortless pairing for audio over USB (wired), Bluetooth, NFC (wireless) and IP using PC-based soft clients, personal contacts or joining calendared events
- One-step-to-join meeting experience through calendar integration
- Broad Open SIP call platform for interoperability with most major platforms including Skype for Business, Lync and RealPresence Platform
- Bass reflex port for lower frequency sound and rich multi-media audio
- 360 ° microphone coverage and up to 20-foot (6-meters) microphone pickup. Easily extend the reach with optional expansion microphones
- Local 5-way HD Voice conference • Built-in Power over Ethernet (PoE) • 5" LCD, color touch screen display, smooth, responsive and intuitive
- Secure Wi-Fi network connectivity or Gigabit Ethernet network connectivity • 3 cardioid microphones • Frequency: 100-22,000 Hz • Polycom® HD Voice™
- Polycom® Acoustic Clarity™ technology provides full-duplex conversations, acoustic echo cancellation and background noise suppression • Voice activity detection and MORE!



### RealPresence Trio 8800 Systems

**2200-66070-001**

RealPresence Trio 8800 IP conference phone with built-in Wi-Fi, Bluetooth and NFC. 802.af/at Power over Ethernet. SHIPS WITHOUT POWER KIT. Incl. 7.6m/25ft Ethernet cable, 1.8m/6ft USB 2.0 cable and Setup Sheet.

**2200-66070-018**

Microsoft Skype for Business/Lync edition RealPresence Trio 8800 IP conf. phone with Polycom UCS Lync License, built-in Wi-Fi, Bluetooth and NFC. 802.af/at PoE. WITHOUT POWER SUPPLY. Incl. 7.6m/25ft Ethernet cable, 1.8m/6ft USB cable and Setup Sheet.

### RealPresence Trio Collaboration Kits

**7200-25500-001**

RealPresence Trio 8800 Collaboration Kit, 802.3af/at PoE. Incl. Trio 8800, Trio Visual+, Logitech Webcam C930e and 1 yr Partner Premier. Ships with Ethernet cables (2.1m/4.5m/7.6m), 2m USB cable, 1.8m HDMI cable, VESA mount. NO POWER KIT.

**7200-25500-018**

Microsoft Skype for Business/Lync edition RealPresence Trio 8800 Collab. Kit, 802.3af/at PoE. Incl. Trio 8800, Trio Visual+, Logitech C930e, E-net cables (2.1m/4.5m/7.6m), 2m USB and 1.8m HDMI cable, VESA mount and 1 yr Partner Premier. NO POWER KIT

### Peripherals

**2200-65790-001**

Expansion Microphone kit for RealPresence Trio 8800. Incl. two expansion microphones and two 2.1m/7ft cables.

**2457-17977-001**

Replacement CAT-5e network cable for connecting RealPresence Trio 8800 to the network. 25ft cable length. Shielded.

**2457-20202-001**

Replacement USB 2.0 cable for RealPresence Trio 8800. 2m/6.6ft cable with right-angle right Micro-B/male to Type A/male for using RealPresence Trio 8800 as USB speakerphone for VoIP calls via computer based applications.

**2457-28808-004**

Cable, HDMI(M) to HDMI(M), 1.829m/6ft.

**7200-23490-001**

Power Kit for RealPresence Trio 8800 and Trio Visual+. Incl. 100-240V, 0.8A, 55V/36W, mid-span power injector for 10/100/1000 Mbps Ethernet

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## CONFERENCE PHONES AND ACCESSORIES



### Wireless Conference Phone – Expandable

**Konftel 300Wx 840101077**

- OmniSound®HD – superior audio quality
- Record meetings on an SD memory card – up to 70 hours on a 2GB card
- Built-in bridging function to combine different connectivity options
- Can connect to a PA System via an optional interface
- Rechargeable battery for up to 60 hours of talk time
- Connection for Wireless headset – The sound from the headset and the phone is transmitted simultaneously to other parties • Future-proof – can be upgraded
- Line selector – switch and combine your calls from different connections
- Supports the app Konftel Unite via the Konftel Unite Adapter
- Expandable with optional microphones

### Konftel Unite Mobile App

Konftel Unite is an app that switches the operation of the Konftel 300Wx from the usual keypad to the screen of a mobile phone or tablet.

- Start pre-scheduled meetings with one click
- Call contacts from your personal contact book
- Control the phone's functions during the meeting
- Konftel 300Wx supports the app via the accessory Konftel Unite Adapter.



## OPTIONAL ACCESSORIES FOR THE KONFTEL 300Wx



### IP DECT Base

**Konftel 840102132**

IP DECT base that supports HD calls and connects to a SIP-based exchange or phone service.

- IP DECT base for Konftel 300Wx
- Compatible with GAP/CAT-iq
- Connects up to 20 DECT devices and Easy Pairing facilitates registration of the Konftel 300Wx
- Can handle up to five simultaneous calls
- Indoor range of up to 50 metres
- AC adapter 5V/5W
- Ethernet connection RJ45, 10/100 BASE-T



### DECT Base Station for the Konftel 300Wx

**840102128**

- GAP/CAT-iq compatible
- Can be connected to analog lines or any PBX equipped with an analog extension
- Up to 7 DECT units can be connected to a Konftel DECT base station
- Range of up to 300 m in open areas and up to 50 m indoors
- Transformer and accompanying cable and screws included.



### Expansion Mics 900102113

- Sold in pairs
- Increases the voice pickup range from 30m up to 70 m
- Two lengths of cable supplied, 1.5 and 2.5 meters.
- Compatible with: Konftel 300Wx / 300IPx / 300IP / 300 / 250 / 55Wx

### NEW ACCESSORY! Konftel Unite Adapter 900102143

Get the Konftel 300Wx ready for One Touch Conferencing and the app Konftel Unite.



## CONFERENCE PHONES AND ACCESSORIES



### SIP Conference Phone – Expandable Konftel 300IP 910101079

- OmniSound®HD – superior audio quality
- Record meetings on an SD memory card – up to 70 hours on a 2GB card
- Built-in bridging function to combine different connectivity options
- Can connect to a PA System via an optional interface
- Connection for Wireless headset – The sound from the headset and the phone is transmitted simultaneously to other parties
- Expandable with optional microphones
- Configure and upgrade via the Web
- Line selector – switch and combine your calls from different connections



### Wired Conference Phone – Expandable Konftel 300 910101059

- OmniSound®HD – superior audio quality
- Record meetings on an SD memory card – up to 70 hours on a 2GB card
- Built-in bridging function to combine different connectivity options
- Can connect to a PA System via an optional interface
- Connection for Wireless headset
- Expandable with optional microphones
- Future-proof – can be upgraded
- Line selector – switch and combine your calls from different connections



### Conference Hub Konftel 55 910101071

- The Konftel 55 is a stylish and easy-to-use speaker phone with impressive, crystalclear HD sound thanks to our patented OmniSound® audio technology. The touchscreen makes controlling calls simple, whether you're connected to a computer, mobile phone or desk phone.
- Integration with UC clients
  - USB for collaboration
  - Recording on memory card
  - Meeting size: up to 12 people
  - Color touchscreen • OmniSound® with HD audio
  - Headset connection 3.5 mm



### SIP Conference Phone – Expandable Konftel 300IPx 910101084

- Thanks to connectivity options for loudspeaker equipment, wireless headsets and extra microphones, the Konftel 300IPx is the ideal IP conference phone for rooms of all sizes up to large auditoriums. It has a USB port and works perfectly with Skype for Business, Cisco, Avaya and other meeting tools.
- OmniSound with HD audio support • SIP
  - UC compatible via USB
  - Built-in support for Konftel Unite – One Touch Conferencing
  - NFC for swift connection to the Konftel Unite mobile app
  - Effortless phone and meeting management via Konftel Unite • Conference bridge
  - Memory card recording
  - Connectable to expansion microphones and PA system • Efficient, scalable provisioning



### Wired Conference Phone – Expandable Konftel 250 910101065

- OmniSound®HD – superior audio quality
- Record meetings on an SD memory card – up to 70 hours on a 2GB card
- Expandable with optional microphones
- For meetings of up to 20 people



### Portable Speaker Phone Bluetooth® Konftel EGO 910101081

- Small and portable • OmniSound® with HD audio
- Compatible with Skype for Business
- Meeting size: up to 4 people
- Headset port 3.5 mm • NFC for easy pairing
- Stream music in HD (A2DP)
- Rechargeable battery



### Conference Hub – Expandable Konftel 55Wx 910101082

- The Konftel 55Wx is a compact, high-performance speaker phone with patented OmniSound® audio technology. It delivers crystal-clear HD audio in a wide range of meeting scenarios, including wireless. The Konftel 55Wx is the all-in-one solution.
- Integration with UC clients
  - Bluetooth with HD
  - USB for collaboration
  - Meeting size: up to 20 people
  - Rechargeable Battery
  - Recording on memory card
  - Expandable with optional microphones



### PA Interface Box Konftel 900102087

- For connection to external loudspeaker and microphone systems (PA systems)
- Plug: RCA in/out • Power connection cable 2.5 m
  - Compatible with: Konftel 300 / 300IP / 300IPx



### Desk Phone Adapter Konftel 900102126

- Allows for the 55, 55W or 55Wx models to connect to a host desk telephone. The telephone provides the hard line connection and dialpad functions
- With 0.5 m and 3 m connection cable
  - Compatible with: Konftel 55 / 55W / 55Wx

THERE'S A KONFTEL SOLUTION FOR YOUR APPLICATION

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## CONFERENCE PHONES WITH WIRELESS MICROPHONES

### VCS702

#### ErisStation® Conference Phone with 2 Wireless Mics

- **DECT 6.0 wireless microphones** with Orbitlink Wireless Technology™ • Digital mixing technology
- Automatic gain control • Acoustic echo cancellation technology • Central, full-duplex speakerphone in base
- Operable in small and medium-sized rooms • 2-line backlit display with date and time
- Built-in wireless microphone charging bays in base • Connects to/supports one analog line; POTS interface
- Includes 2 wireless and 1 fixed DECT 6.0 microphones • Eco mode (talk mode)
- Up to 70 hours standby time per wireless microphone • Up to 12 hours talk time per wireless microphone
- 10 ring tones/melodies; 6 ring levels
- 50-name/number phone book entries, alpha phone book search • Wireless microphone locator
- Enhanced noise reduction/Dynamic noise reduction • Fast adaptive feedback control
- **2-Year Advance Replacement Warranty**



### VCS704

#### ErisStation® Conference Phone with 4 Wireless Mics

- **DECT 6.0 wireless microphones** with Orbitlink Wireless Technology™ • Digital mixing technology
- Automatic gain control • Acoustic echo cancellation technology • Central full-duplex speakerphone in base
- Operable in small, medium and large rooms • 2-line backlit display with date and time
- Built-in wireless microphone charging bays in base • Connects to/supports one analog line
- Includes 4 wireless and 2 fixed DECT 6.0 microphones
- Up to 70 hours standby time per wireless microphone • Up to 8 hours talk time per wireless microphone
- 10 ring tones/melodies; 6 ring levels • Speed dial • Redial/last number redial • Pre-dialing with editing
- 50-name/number phone book entries • Alpha phone book search
- Enhanced Noise Reduction/Dynamic Noise Reduction • Fast adaptive feedback control
- **2-Year Advance Replacement Warranty**



### VCS754 ErisStation® SIP Only Conference Phone with 4 Wireless Mics

- **DECT 6.0 wireless microphones** with Orbitlink Wireless Technology™
- 158 x 57 pixels (w x h) LCD resolution with backlight • 3 soft keys with 4-way navigational pad
- Built-in wireless microphone charging bays in base • Includes four wireless microphones and two fixed mics
- USB connection for PC softphone/speakerphone • Supports up to 3 SIP account registrations
- 10 ring tones/melodies; 10 ring levels • Up to 70 hours standby time per wireless microphone
- Up to 8 hours talk time per wireless microphone • Local phone book up to 200 entries • Do Not Disturb (DND)
- 3-way local conference • N-way network conference • Call transfer • Call hold
- Call forwarding: per-line basis (busy/always/no answer) • Central, full-duplex speakerphone in base
- Fast adaptive feedback control • Digital mixing • Acoustic echo cancellation • Automatic gain control
- Enhanced noise reduction/Dynamic noise reduction
- **2-Year Advance Replacement Warranty**



### VCS752 ErisStation® SIP Conference Phone with 2 Wireless Mics

- **Scalable from small office to large conference room**
- Support for up to three SIP lines/accounts
- Wireless expansion – Pair up to three VCS850 SIP DECT Expansion Wireless Speakerphones to increase the volume and microphone pickup for 27 or more active participants.
- Bluetooth connectivity for headset and mobile devices • HD voice quality
- DECT 6.0 wireless microphones with Orbitlink Wireless Technology
- Up to 12 hours of talk time per wireless microphone
- Up to 70 hours of standby time per wireless microphone
- Built-in wireless microphone charging bays in base
- Automatic gain control • 3-way local conference
- N-way network conference • Local phonebook up to 200 entries
- Call history up to 200 entries
- **2-Year Advance Replacement Warranty**



### VCS850 ErisStation® SIP Conference Phone Expansion Unit

- When you need to increase the number of active participants on a call, just add up to three expansion wireless speakerphones to the VCS752 ErisStation SIP Conference Phone
- Full-duplex speakerphone in base
  - Includes two fixed microphones
  - DECT 6.0 wireless connection to VCS752 base
  - Pair up to 3 expansion speakerphones per VCS752 base
  - Up to 12 hours of wireless talk time • Up to 70 hours of standby time
  - Global and local mute options with indicator
  - 10 ring tones/melodies; 6 ring levels
  - Battery-low indicator • Eco mode (Talk mode)
  - **Accessory expansion wireless speakerphone only – requires VCS752 shown at left to operate**
  - **2-Year Advance Replacement Warranty**

## SIP CONFERENCE TELEPHONES



### CP860 HD SIP Conference Telephone

- 192X64 pixel grayscale graphical LCD with backlight
- Optima HD voice
- Full-duplex speakerphone
- 10-foot 360° voice pickup
- Connect 2 optional expansion microphones for a range of up to 16-feet (shown above)
- 3.5 mm port for connecting to a mobile phone or PC
- USB Port; supports USB recording and playback
- 5-party Conference • 1 VoIP account
- Local phonebook with up to 1000 entries
- XML/LDAP remote phonebook
- IPv4/IPv6 • NAT transverse: STUN mode
- 4 context-sensitive "soft" keys

**CPE80** Optional wired microphone for CP860 (each)



### CP920

#### HD SIP Conference Telephone

- Optimal HD audio, full duplex technology
- For small to medium conference room
- 20-foot (6-meter) and 360-degree voice pickup
- Built-in 3-microphone array
- Sensitive touch keypad
- 3.1" 248x120-pixel graphical LCD with backlight
- Power over Ethernet
- 5-way conference call
- Built-in Wi-Fi
- Built-in Bluetooth 4.0
- USB call recording
- Local 3-way PSTN conference via Yealink CPN10
- **No expansion mics available for this model**



### CP-960

#### Enterprise HD SIP Conference Telephone - PoE

- Optima HD audio, full duplex technology
- Yealink Noise Proof Technology
- 20-foot and 360-degree microphone pickup range
- Built-in 3-microphone array
- Based on Android 5.1 operating system
- 5-inch multi-touch screen with 720x1280 resolution
- Yealink Pentagon Meeting Room
- 5-way conference call
- Hybrid UC meeting
- Built-in Wi-Fi/Bluetooth
- Connects to PC via USB Micro-B port
- **Wired or wireless microphones available as an option**



### CP-960 WIRELESS MIC

#### Enterprise HD SIP Conference Telephone - PoE

- Optima HD audio, full duplex technology
- Yealink Noise Proof Technology
- 20-foot and 360-degree microphone pickup range
- **Includes 2 wireless expansion microphones**
- Built-in 3-microphone array
- Based on Android 5.1 operating system
- 5-inch multi-touch screen with 720x1280 resolution
- Yealink Pentagon Meeting Room
- 5-way conference call
- Hybrid UC meeting
- Built-in Wi-Fi/Bluetooth
- Connects to PC via USB Micro-B port

## EXPANSION MICROPHONES and ACCESSORIES

### CPE80

#### Wired Expansion Mic for CP860

- Sold individually
- Maximum 2 per CP860



### CPW90

#### Wireless Expansion Mic for CP-960

- Sold in pairs • Includes charger
- Maximum 2 per CP-960



### CPE90

#### Wired Expansion Mic for CP-960

- Sold in pairs
- Maximum 2 per CP-960



### YLPOE30

#### PoE Injector for CP-960

- PoE injector specifically designed to use with the CP960 conference phone



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## VC500 VIDEOCONFERENCING ENDPOINT – FOR SMALL to MEDIUM SIZED ROOMS



Optimized for small and medium meeting rooms, the Yealink VC500 creates lifelike communication by capturing all meeting participants on screen at the same time. Its wide-angle lens brings everyone in view without adjusting the camera. Featuring 1080P60 resolution, an H.265/HEVC codec, and a pair of wired or wireless microphones depending on the model, the VC500 offers HD video and crystal clear audio, making video conferencing as natural as communication should be. With a sleek and compact design, the VC500 is simple to deploy and fits easily on the TV, making teamwork more productive and effortless.

The Yealink VC500 supports standard H.323/SIP dual protocol as well as RS-232/HTTP API and VISCA/PELCO. It is not only deeply integrated with Yealink Meeting Server(YMS), supporting Meeting Scheduling and One-touch Meeting Access; but also works with Yealink Cloud Management Service (VCMS), for quick deployment. It also supports 3rd-party room systems and easily integrates with the leading cloud platforms, like StarLeaf, Zoom, BlueJeans, Mind, etc.



### VC500-PHONE-WIRED

- 1080P/60FPS and 5x optical PTZ camera
- 83° horizontal field of view
- H.265/HEVC video codec, 1080P from 512Kbps bandwidth
- Super video packet loss recovery technology, resist up to 30%
- Two HDMI output and two HD content input (HDMI + Mini-DP)
- 5-inch touchable conference phone with Harman speaker
- Two wired microphones (or optional wireless) • USB port
- Integrates with leading cloud platforms: Yealink Cloud Management Service (VCMS), Yealink Meeting Server, StarLeaf, Pexip, Mind, Zoom and BlueJeans



### VC500-WIRELESS MIC

- 1080P/30FPS and 5x optical PTZ camera
- 83° horizontal field of view
- 1080P from 1Mbps in H.264HP
- Super video packet loss recovery technology, resist up to 30%
- Two HDMI output and two HD content input (HDMI + Mini-DP)
- Two wireless microphones • USB port
- Integrates with leading cloud platforms: Yealink Cloud Management Service (VCMS), Yealink Meeting Server, StarLeaf, Pexip, Mind, Zoom and BlueJeans

**CALL YOUR TARGET REP TODAY and BOOST YOUR BOTTOM LINE with YEALINK VIDEOCONFERENCING**

**200 TALK TO THE VIDEOCONFERENCING EXPERTS AT TARGET TODAY**

**E-MAIL – [TGSales@targetdist.com](mailto:TGSales@targetdist.com) • INTERNET – [www.targetd.com](http://www.targetd.com)**



## VC800 VIDEO CONFERRING SYSTEM – DESIGNED FOR BETTER COLLABORATION



- VC800-PHONE-WIRELESS**      VC800 Videoconferencing System with CP-960 Conference Phone and Wireless Microphones
- VC800-8SITE LICENSE**      VC800 8 Site License
- VC800-16SITE LICENSE**      VC800 16 Site License
- VC800-24SITE LICENSE**      VC800 24 Site License

The VC800 is the second generation full-HD video conferencing system launched by Yealink. Equipped with the strongest embedded MCU in the industry, VC800 can support **24-site HD video conferencing** plus two virtual meeting rooms. It has an all-in-one design and first-class video and audio technology that creates an easier and more effective collaboration experience. As the newest generation of Yealink VC series video conferencing systems, the VC800 adopts an intuitive user interface that makes meeting control simpler. Featuring H.265/HEVC, Opus and HD voice backed by Harman Kardon designed speaker, the Yealink VC800 facilitates more immersive audio-visual collaboration. By leveraging Yealink Meeting Server(YMS), the VC800 seamlessly supports Meeting Scheduling and One-touch Meeting Access. All combine to make VC800 one of the perfect solution for the medium-to-large meeting rooms.

### Powerful Built-in MCU

The Yealink VC800 supports up to 24 sites of HD video conferencing and two virtual meeting rooms. Meanwhile, it backs up Automatic Voice Activated Switching and local meeting control, making meetings orderly and easy to join.

### Immersive Audio-Visual Experience

Using a new 12x optical PTZ camera, it supports 1080P/60FPS video calls, thus making the conference itself and presentations more vivid. In conjunction with the Yealink CP-960 conference phone, the Yealink VC800 creates a better audio solution because it is backed by a Harman Kardon speaker as well as an Opus codec, two DECT-based wireless expansion microphones and quality 20ft/360° voice pickup distance.

### Easier Meeting Experience and Simpler Deployment

The all-in-one design which combines codec and camera together, requires only one standard RJ45 network cable to connect to TV area and conference table. Moreover, its 5-inch touchable VCS phone makes joining and controlling the meeting simpler and more intuitive, and its friendly TV-style user interface helps you minimize the learning curve.

### Less Bandwidth, Better Network Adaptability

Via supporting H.265/HEVC video codecs, with just a minimum of 512Kbps, 1080P HD video calls can be realized, thus saving more than 50% bandwidth than when using H.264. Thanks to Yealink's anti-packet loss technology, the VC800 can resist up to 30% video and audio packet loss guaranteeing smooth video communication.

### Compatibility and Integration

The Yealink VC800 supports standard H.323/SIP dual protocol. It is not only deeply integrated with Yealink Meeting Server (YMS), supporting Meeting Scheduling and One-touch Meeting Access; but also works with Yealink Cloud Management Service, bringing quick deployment. Also, it supports 3rd-party room systems and integrates with the leading cloud platforms.

### Features at-a-glance:

- Built-in 8-site multipoint MCU; can be expanded to 24-sites via license in increments of 8
- H.265/HEVC video codec, 1080P from 512Kbps bandwidth
- 5-inch touchable conference phone with Harman Kardon speaker
- Two HDMI outputs and two HD content inputs (HDMI + Mini-DP)
- Cloud Platform Integration: Yealink Cloud, Yealink Meeting Server, StarLeaf, Pexip, Mind, Zoom and BlueJeans
- 1080P/60FPS and 12x optical PTZ camera
- Super video packet loss recovery technology, resistant up to 30%
- Two DECT-based wireless expansion microphones

**CALL YOUR TARGET REP TODAY and BOOST YOUR BOTTOM LINE with YEALINK VIDEOCONFERRING**

**TRY ONE FREE!**

**Call Your Target Sales Rep Today**  
**800-873-5528**  
**to try a Yealink VC Unit in your office FREE for up to 15 days!**

**TRY ONE FREE!**

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## VC120 1080P FULL-HD VIDEO CONFERENCING



### YEALINK VC120-12X

The VC120-12X is Yealink's latest innovative 1080P full-HD video conferencing endpoint for medium-sized meeting room. It is designed to provide ease-of-use, high-quality and cost-efficiency. To make life easier still, the VC120-12X supports an Intelligent Firewall Traversal which allows users to plug and play with no further firewall configuration from box to work in just five-minutes. In addition, VC120-12X also supports bandwidth dynamic adaptive adjustment, and an 8% resistance packet loss. In the latest version, users can enjoy 8-party 720P calls (asymmetric) with multipoint license, plus linkages to mobile phones or PCs for a more convenient conference call experience. It is definitely the best choice for business video conferencing.

#### HD Video

The system offers 1080P30 people+content shared video conferencing. It also supports full-HD dual stream to demonstrate documents or videos, a development that significantly improves the user conferencing experience.

#### Optimal HD

The Yealink VCS Phone has several built-in microphone arrays and supports 360 degree voice pickup. With an optional expansion microphone KIT, the voice pickup range can be extended to up to 5 meters. 14KHz CD level broadband audio quality, plus a number of new leading-edge professional voice processing technologies, guarantee users an excellent audio experience.

#### Outstanding User Experience

Yealink VC120-12X makes maximum use of its advanced features to provide an outstanding user experience. Yealink supports intelligent searching when making calls. During a call, you can adjust the screen layout as you wish. In addition, using the dual-screen display you can show whatever you like on a second screen at full size. This system also supports video recording and screenshots to record conferences more efficiently. An outstanding user experience leads to lower learning costs and higher efficiency.

#### High Interoperability

Yealink VC120-12X supports SIP and H.323 and is compatible with the industry's major system and terminal vendors, introducing an important cost-effectiveness and flexibility that helps users to expand their businesses. Interconnection is also possible with other devices, such as video phones, tablet computers and smartphones. Users can access video conferencing at anytime and anywhere at their convenience.



#### VC120-12X Phone Key Features

- 12X optical PTZ camera, 360°/10ft wired microphone array
- Dual display and content sharing
- Local USB HD recording and playback
- Yealink intelligent firewall transversal
- Bandwidth adaptive and 8% resistance packet loss
- Includes VC120 Codec, VCC12 PTZ camera, VCP40 VCS Phone, VCR10 remote control, power adapter and cables.
- Includes 1-year AMS



#### VC120-12X Pod Key Features

- 12X optical PTZ camera, 360°/10ft wired microphone array
- Dual display and content sharing
- Local USB HD recording and playback
- Yealink intelligent firewall transversal
- Bandwidth adaptive and 8% resistance packet loss
- Includes VC120 Codec, VCC12 PTZ camera, VCM30 Microphone Array, VCR10 remote control, power adapter and cables.
- Includes 1-year AMS

## 1080P FULL-HD VIDEO CONFERRING

### YEALINK VC110

#### All-in-One Video Conferencing Endpoint for Branch Office

The Yealink VC110 epitomizes ease, simplicity and affordability for businesses looking to conduct video conferencing in smaller meeting rooms settings. The solution serves as a one-stop-shop for meeting business' various communication and collaboration needs, boasting high performance at a highly preferred price. It is an ideal solution for businesses looking to cost-effectively deploy and maintain an advanced video conferencing system. For instance, the Yealink VC110 ensures data protection while allowing users to conveniently plug and play with no further firewall configuration needed. Additionally, the solution can be deployed straight out of the box within just three minutes. What's more, the Yealink VC110 supports a dynamic adaptable bandwidth with an 8 percent packet loss resistance, ensuring smooth conferencing even under fluctuating network conditions. Without question, the Yealink VC110 is a sound choice for today's executives.



#### VC110 Wireless Micpod

- All-in-one machine (Codec, Camera and Wireless Micpod)
- Video Conferencing Wireless Microphone
- 4 x digital zoom PTZ camera
- H.264 high profile, saving 50% bandwidth
- Yealink intelligent firewall traversal
- Video recording and playback • Dual displays and 'focus' feature • High compatibility and interoperability • Includes 1-year AMS

## VIDEO CONFERRING SOFTWARE

### YEALINK VC DESKTOP

#### VC Desktop Software for PC

Yealink VC Desktop for Windows® is a high-quality, best-in-class high definition (HD) video collaboration program created to streamline communication for today's businesses. The product offers an optimal one-click setup process with rapid automatic installation, eliminating the need for lengthy, manual efforts.

#### Key Features

- HD Video/Audio
- Full HD Content Sharing
- H.323/SIP dual-protocol support
- H.264 High Profile, saving 50% bandwidth
- Bandwidth Adaptability
- Yealink Intelligent Firewall Traversal
- One-click Setup • For PC only



### YEALINK VC MOBILE

#### VC Mobile for iOS and Android Tablet / Smart phone

Yealink VC Mobile being compatible with iOS 8.0, Android 4.4 or later, as a new type app launched by Yealink used for a high definition video conferencing, extended this kind of video conferencing to such mobile staff as a tablet or smart phone. As a new and very innovative product, Yealink VC Mobile is the ideal partner for you to have a mobile and HD video conferencing.

#### Key Features

- HD Video/ Audio
- H.323/ SIP dual-protocol support
- H.264 High Profile, saving 50% bandwidth
- Bandwidth Adaptability
- Yealink Intelligent Firewall Traversal
- 720P (1280 x 720) screen resolution



#### Supported Hardware and Software

- iOS devices (iOS 8.0 or later): iPhone 5 & up - iPad 3 & up - iPad mini & iPad Pro
- Android devices (Android 4.4 or later): Android Smartphone - Android Tablet

## SIP VIDEO COLLABORATION PHONE

### SIP VP-T49G

Yealink's video collaboration phone T49G is designed for executives and teleworkers. It strikes the perfect balance between simplicity and sophistication, enabling high quality communications for business executives and professionals alike. With an enlarged, eight-inch, LCD touch screen measuring 1280 x 800 pixels, as well as high definition (HD) video and audio, the T49G facilitates seamless and efficient collaboration between employees, business partners, key stakeholders and customers.



#### Key Features

- 8" 1280 x 800 capacitive (10 points) touch screen IPS LCD
- Full-HD 1080p30 video call • H.323/SIP Dual Protocol Support
- 2 mega-pixel HD camera with privacy shutter
- Built-in Bluetooth 4.0+ EDR for headsets and pairing mobile devices
- Built-in Wi-Fi (Dual-band: 2.4GHz & 5GHz, 802.11a/b/g/n)
- Standard HDMI output for connection to monitor
- USB ports (2.0 compliant) for media and storage applications • Up to 16 SIP accounts
- Three-way video conferencing • Five-way audio/video mixed conferencing
- Busy Lamp Field (BLF) • Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection • Remote office, hot desking
- Message Waiting Indicator (MWI) • Voice mail, call park, call pickup
- Intercom, paging, music on hold • Call recording • 29 one-touch DSS keys
- 8 feature keys: message, headset, mute, hold, transfer, video, redial, speakerphone
- Local phonebook up to 1000 entries and MORE!



## RealPresence CENTRO – VISUAL COLLABORATION SOLUTION

RealPresence Centro changes the way we meet and collaborate so that the technology is no longer a distraction to engagement and interaction, but a seamless, empowering experience that defies distance. We believe it's time technology fades into the background, and not our teammates on the screen.

Designed for small groups and classrooms, RealPresence Centro embraces natural human instincts and advanced technology to draw people together into a powerful, collaborative circle, giving everyone equality of contribution regardless of where they are located. It serves as a collaboration and content sharing hub.



### Video, Audio and Content

- Intelligent 360° camera captures everyone in the room
- Tight integration with Microsoft Outlook allows anyone to start the collaborative session
- Integrated touch monitors can be seen clearly from any seat
- Integrated microphones capture even the most soft-spoken people from anywhere in the room
- Powered speakers reproduce Polycom-quality audio
- NoiseBlock technology removes distracting background noise
- Lost Packet Recovery protects audio and video quality in even the most challenging network conditions
- Share content up to 1080p resolution at 60 frames per second - video clips, CAD animations, medical diagrams, etc.
- Polycom SmartPairing allows users to connect, share and save directly from their BYO device
- Polycom VisualBoard technology lets you mark up documents, drawings, or anything else you share during a call
- Use the People+Content IP application to wirelessly share from a PC or Mac



### Convenience

RealPresence Centro's thoughtful design adds a level of convenience that will keep users coming back to the resource over and over – improving ROI.

- Always on and ready - 4X USB ports for BYO device charging
- Elegant LCD showing microphone status, time-in-call, time elapsed
- Built-in casters for moving the system with ease
- Users easily know system, call, and mute status with a glance at 360° LCD
- Video privacy is a simple touch to hide the camera
- Easily start, stop, and playback session recordings from your personal device

### 7200-23270-125 RealPresence Centro

Visual collaboration solution with integrated Codec, 360 degree Cam, MicArray, Speakers, Casters, 4 27" Touch Displays, 2 Remotes, Microsoft Interop. Power Cord & Maintenance Required.

## HIGH PERFORMANCE VIDEO COLLABORATION

### Polycom® RealPresence® Group 310

The sleek, compact design of the RealPresence Group 310 device allows for discreet placement and helps simplify your setup with single-cable connections for video and audio. Plus, the compact design also makes it ideal for mobile applications, whether moved to different locations within a building or outside of a traditional office. Optimized for smaller groups, the Polycom® RealPresence® Group 310 is ideal for small meeting rooms, huddle rooms, and offices. It features simple setup and configuration, and a compact, sleek design that is easily hidden out of sight, keeping your rooms clutter-free.

- 1080p60 video (with optional license), delivering a new level of clarity and realism
- 1080p60 content (with optional license), making everything from presentation slides to full-motion video look as natural as being there
- Polycom Constant Clarity™, a set of industry-leading audio technology that dramatically improves the sense of realism
- Polycom® Lost Packet Recovery™ (LPR™) technology protects the experience by helping to ensure great quality even when experiencing network issues
- Polycom SmartPairing™ technology, making it simple to use your own tablet to start and manage video calls
- Optional Polycom Touch Control for an intuitive graphical touch interface on a 7-inch (18-cm), high resolution screen
- Up to 8-way integrated multi-point (select models, via optional license key)
- HDMI inputs and outputs for simplified installation and cabling
- Standards-based interoperability with millions of video conferencing systems in use today
- Native interoperability with Microsoft Lync without expensive and complex gateways
- Telepresence Interoperability Protocol (TIP) support, for direct connection to non-standards-based Cisco environments
- Interoperable SVC architecture, providing video calling between both existing video systems and new SVC systems
- H.264 High Profile standard, content and integrated multi-point, for up to 50% bandwidth savings
- People+Content input: RealPresence Group 310 ONLY



EagleEyeIV-4x camera

7200-65320-001 RealPresence Group 310 - 720p: Group 310 HD codec, EagleEye Acoustic cam., univ. remote, NTSC/PAL.

Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, Power: AMER - Type B, NEMA 5-15. Maintenance Contract Required

7200-65340-001 RealPresence Group 310-720p: Group 310 HD codec, EagleEyeIV-4x camera, mic array, univ. remote, NTSC/PAL.

Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 HDCI digital 3m, Power: AMER-Type B, NEMA 5-15. Maintenance Contract Required.

## HIGH PERFORMANCE VIDEO COLLABORATION

### Polycom® RealPresence® Group 500

The RealPresence® Group 500 is ideal for conference rooms and other collaborative environments, from small meeting rooms to larger rooms with dual screens. Next generation performance is combined with a simple user interface for an experience that will delight users while IT administrators will admire the design, broad interoperability, and the industry's lowest total cost of ownership.

- 1080p60 video (with optional license), delivering a new level of clarity and realism
- 1080p60 content (with optional license), making everything from presentation slides to full-motion video look as natural as being there
- Polycom Constant Clarity™, a set of industry-leading audio technology that improves the sense of realism
- Polycom® Lost Packet Recovery™ (LPR™) technology protects the experience by helping to ensure great quality even when experiencing network issues
- Polycom SmartPairing™ technology, making it simple to use your own tablet to start and manage video calls
- Optional Polycom Touch Control for an intuitive graphical touch interface on a 7-inch (18-cm), high resolution screen
- Up to 8-way integrated multi-point (select models, via optional license key), enabling more people to join calls without requiring a separate bridge
- HDMI inputs and outputs for simplified installation and cabling
- Standards-based interoperability with millions of video conferencing systems in use today
- Native interoperability with Microsoft Lync without expensive and complex gateways
- Telepresence Interoperability Protocol (TIP) support, for direct connection to non-standards-based Cisco environments
- Interoperable SVC architecture, providing video calling between both existing video systems and new SVC systems
- H.264 High Profile standard, content and integrated multi-point, for up to 50% bandwidth savings



**EagleEyeV-12x camera**



**EagleEyeV-4x camera**



**EagleEye Acoustic cam**

**7200-63550-001 RealPresence Group 500 – 720p:** Group 500 HD codec, EagleEye Acoustic cam., univ. remote, NTSC/PAL. Cables: 2 HDMI 1.8m, 1 CAT 5E LAN 3.6m, Power: AMER - Type B, NEMA 5-15. Maintenance Contract Required

**7200-64250-001 RealPresence Group 500 – 720p:** Group 500 HD codec, EagleEyeV-12x camera, mic array, univ. remote, NTSC/PAL. Cables: 2 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 HDCI digital 3m, Power: AMER-Type B, NEMA 5-15. Maintenance Contract Required.

**7200-64510-001 RealPresence Group 500 – 720p:** Group 500 HD codec, EagleEyeV-4x camera, mic array, univ. remote, NTSC/PAL. Cables: 2 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 HDCI digital 3m, Power: AMER-Type B, NEMA 5-15. Maintenance Contract Required.

### Polycom® RealPresence® Group 700

Video collaboration is mission-critical for productive and efficient meetings when everyone can't be in the same location. In many environments getting the most out of video meetings requires multiple displays, flexible audio configurations, and the ability to easily switch between many content sources. The Polycom® RealPresence® Group 700 is the ideal solution for meetings that require the best performance and flexibility, from boardrooms to large lecture halls.

RealPresence Group 700 is fully standards-based; able to connect to millions of other standards-based video systems in use today. Native interoperability with leading unified communications (UC) platforms means that video now easily integrates with the way you already communicate without adding expensive and complex gateways.

Polycom continues to lower the total cost of ownership of video collaboration by extending the benefits of H.264 High Profile to 1080p60 people and content. You experience whole new levels of realism with up to 50 percent less bandwidth. For existing Polycom customers, RealPresence Group Series allows you to leverage previous investments in Polycom technology, including select cameras, microphones, and UC innovations such as Polycom® EagleEye Director and Polycom® Touch Control.

- 1080p60 video (with optional license), delivering a new level of clarity and realism
- 1080p60 content (with optional license), making everything from presentation slides to full-motion video look as natural as being there
- Simultaneous dual-stream 1080p60 people and content (Group 700) (with optional license) helps to eliminate compromises when sharing across distances
- Polycom Constant Clarity™, a set of industry-leading audio technology that dramatically improves the sense of realism
- Polycom® Lost Packet Recovery™ (LPR™) technology protects the experience by helping to ensure great quality even when experiencing network issues
- Polycom SmartPairing™ technology, making it simple to use your own tablet to start and manage video calls
- Optional Polycom Touch Control for an intuitive graphical touch interface on a 7-inch (18-cm), high resolution screen
- Up to 8-way integrated multi-point (select models, via optional license key), enabling more people to join calls without requiring a separate bridge
- HDMI inputs and outputs for simplified installation and cabling
- Standards-based interoperability with millions of video conferencing systems in use today
- Native interoperability with Microsoft Lync without expensive and complex gateways
- Telepresence Interoperability Protocol (TIP) support, for direct connection to non-standards-based Cisco environments
- Interoperable SVC architecture, providing video calling between both existing video systems and new SVC systems
- H.264 High Profile standard, content and integrated multi-point, for up to 50% bandwidth savings



**7200-64270-001 RealPresence Group 700-720p:** Group 700 HD codec, EagleEyeV-12x camera, mic array, univ. remote, NTSC/PAL. Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, 1 HDCI digital 3m, Power: AMER-Type B, NEMA 5-15. Maintenance Contract Required.

**POLYCOM HAS THE RIGHT SOLUTION FOR YOUR APPLICATION**

**TOLL FREE – 800-873-5528 • LOCAL – 301-296-9400 • FAX – 301-296-9494**

## RealPresence GROUP 500 MEDIALIGN ALL-IN-ONE VIDEO COLLABORATION



Single 55" RealPresence Medialign 155



Dual 55" RealPresence Medialign 255



Single 70" RealPresence Medialign 170



Dual 70" RealPresence Medialign 270

Polycom RealPresence Medialign solutions deliver the industry's best video collaboration with an innovative, modern design that deploys anywhere in minutes. Every detail has been addressed to ensure your teams can focus completely on effective collaboration.

### Medialign – All-In-One Collaboration

Polycom RealPresence Medialign includes everything you need to get started with video communications today.

Share thoughts and ideas seamlessly with optional touch displays and Polycom VisualBoard technology creating a virtual whiteboard experience. See your team's reactions in stunning 1080p60 high-definition video and share/annotate content with exclusive Polycom SmartPairing technology.

Create the perfect system for medium to large rooms with packages available in single or dual high-definition display sizes of 55" or 70".

### Key benefits

- Unmatched user experience - Hands-free camera operation, simple touch interface control and audio innovations eliminate distractions for more effective meetings.
- Integrate into broadest array of UC networks - Open, standards-based interoperability and native integration into UC deployments including Microsoft Lync / Skype for Business and Broadsoft One, Medialign protects your investment from shifting business landscapes.
- Straightforward global deployment - All in one package provides everything from cables to displays to expand video collaboration to every location.
- High-definition video - Experience meetings with lifelike color and detail at lower bandwidths so you clearly see critical facial expression and read subtle body language without clogging your network.
- See and share ideas and reactions through high-performance video and content sharing options • Save installation time with simple no tools deployment
- Low total cost of ownership - Accessible components makes RealPresence Medialign easy to service in the field.
- Fits into any room environment with unobtrusive modern slim line design that adds contemporary influence to your workspace.

### 7230-84850-001 RP Medialign 155 Rev. 2

Includes: GS 500 (7200-64250-001) w/EEIV-12x, 1-55" 1080 LED display, speaker, RP Touch, EE Producer, tabletop content interface, 1080 & S4B licenses, stand, NA pwr cord & cable bundle. (Maintenance Contract Required)

### 7230-84860-001 RP Medialign 255 Rev. 2

Includes: GS 500 (7200-64250-001) w/EEIV-12x, 2-55" 1080 LED displays, speaker, RP Touch, EE Producer, tabletop content interface, 1080 & S4B licenses, stand, NA pwr cord & cable bundle. (Maintenance Contract Required)

### 7230-84830-001 RP Medialign 170 Rev. 2

Includes: GS 500 (7200-64250-001) w/EEIV-12x, 1-70" 1080 LED display, speaker, RP Touch, EE Producer, tabletop content interface, 1080 & S4B licenses, stand, NA pwr cord & cable bundle. (Maintenance Contract Required)

### 7230-84820-001 RP Medialign 270 Rev. 2

Includes: GS 500 (7200-64250-001) w/out EEIV-12x, 2-70" 1080 LED displays, speaker, RP Touch, EE Director w/ 2\*EE III, tabletop content interface, 1080 & S4B licenses, stand, NA pwr cord & cable bundle. (Maintenance Contract Required)

## EagleEye PRODUCER

### Polycom® EagleEye™ Producer Changes the Face of Video Collaboration

through automatic, intimate framing of meeting participants. Utilizing the latest in facial recognition and speaker tracking technologies, the system continually scans the room and seamlessly commands the movable camera to pan, tilt, and zoom, appropriately framing the users. As someone in the room begins speaking, the system cuts directly to an appropriately framed view of that speaker. This intelligent method of camera tracking greatly improves user experience and solves the common problem of wide angle shots that fail to immerse the participants, showing true expressions and understanding.

### Save, analyze, report

The power of EagleEye Producer doesn't stop at the conference room door. With EagleEye Producer, IT administrators can download powerful analytics that can be used to measure the return on investment of video collaboration.

During each session, the system will produce data listing the number of participants at the beginning, middle, and end of the call. This information can be used in physical real estate planning, to ensure that each video room investment is utilized to its full potential. Furthermore, IT professionals can monitor room usage to ensure that automated conferences are being attended and not running in empty rooms.

### Interoperability

Polycom EagleEye Producer is interoperable with a wide range of in-room video collaboration solutions. The advanced camera peripheral can be easily installed into existing rooms or be part of a new deployment through elegant mounting options nesting with the codec and camera.



### Package Includes

- Polycom EagleEye Producer
- Power supply
- Necessary cables for Polycom EagleEye III, EagleEye IV camera connection
- Camera shown above not included

### Compatible IC cameras

- Polycom EagleEye I, II, III
- Polycom EagleEye IV

### Compatible Endpoints

- Polycom® RealPresence® Group Series 300, 310, 500, 550, 700



## RealPresence GROUP CONVENE

### Polycom RealPresence® Group Convene

Polycom® RealPresence® Group Convene™ delivers rich video and content experiences for small groups and personal collaboration. It is a flexible system that works together with the Polycom® RealPresence® Group 310 or Polycom® RealPresence® Group 500, allowing you to deploy the right solution based on the unique needs of each room or environment. Choose from single or dual-displays, optional built-in multipoint, and more.

The integrated full HD display provides a wide viewing angle and delivers crisp video quality, while the powerful integrated audio ensures everyone is heard clearly. You get all the benefits of the industry-leading RealPresence Group Series, including full 1080p60 video or content collaboration, a simple and intuitive interface, and native Microsoft® Lync® 2013 interoperability to extend the benefits of your UC investment to desktops and smaller huddle spaces.

**The RealPresence Group Convene solution consists of two components which are purchased separately:**

- RealPresence Group 310 or 500 with Polycom® EagleEye™ Acoustic camera
- RealPresence Group Convene media accessory

#### Package Contents

- Display with integrated speakers and power distribution panel • Tabletop/desktop stand • Power supply • Assembly hardware

**RealPresence Group Series system sold separately. Compatible with RealPresence Group 300, 310 and 500.**

**Display Specifications** • Active screen size: 27 inches diagonal • Color depth: 16.7M colors • Can tilt 5° forward and 15° backwards

**Audio Specifications** • 10W per channel • Downpush stereo speakers • 3.5mm for headphone audio out



### 7200-52850-001 Polycom RealPresence® Group Convene™

RealPresence Group Convene media dock. Includes: desk/tabletop stand, 27" LED display, audio syst., single power supply, cable management, codec mount and service in CALA/China. Order codec (310 or 500) (See page 196 of this catalog for complete details) and Wall mnt separately. Maintenance contract required.

## RealPresence DEBUT – COLLABORATION FOR SMALLER ROOMS

### Polycom RealPresence® Debut

Polycom RealPresence Debut is an enterprise grade video conferencing solution made simple, elegant, and affordable for huddle rooms and smaller spaces. It also delivers cost-effective collaboration for smaller organizations that are ready to move up from consumer-grade alternatives, which are great for chatting with friends but don't get the job done at work.

- 1080p30 video quality for sharp, clear images
- Full 1080p HD content for sharing even the most detailed documents with clarity
- HDMI input for content sharing
- Polycom SmartPairing for wireless content sharing from mobile devices and laptops
- Compact design fits atop flat panel displays: 13.4" W x 3.7" H x 1.8" D
- Power over Ethernet support for single-cable for power and data
- Integrated dual stereo microphones, optional expansion microphone available
- Polycom NoiseBlock technology to eliminate distracting background sounds
- Polycom Lost Packet Recovery (LPR) technology
- H.323 and SIP support • Media Encryption (H.323, SIP): AES-128

### 7230-60888-001 RealPresence Debut

1080p: all-in-one HD codec with build-in mechanical pan/tilt cam & mic, remote, NTSC/PAL. Cables: 1 HDMI 1.8m, 1 CAT 5E LAN 3.6m, Power: AMER - Type B, NEMA 5-15. Includes 1 Yr Premier Svc. Maintenance contract required.



## RealPresence TOUCH – GROUP COLLABORATION CONTROL

Polycom® RealPresence Touch™ is a touch interface for Polycom® RealPresence® Group Series and Polycom Immersive Telepresence solutions. The simple and intuitive design lets you focus on your conversations instead of the technology. The design is consistent across the Polycom portfolio, whether you're calling from a conference room or using a Polycom desktop, mobile or web client. RealPresence Touch makes it easy to use video collaboration from any environment, with an interface that is instantly familiar no matter where you're calling from.

Connecting to your calls couldn't be easier. Get your conversations started easily with one touch dialing from the integrated calendar, right on the home screen. Speed dials provide quick access to people, rooms, or virtual meeting rooms. You can also search a directory to quickly connect to the right person or location. Once in a call you have easy access to share content, adjust camera views, change participant layouts and more to get the most out of your meeting.

You can position RealPresence Touch the way that you want, either standing taller or flipped over for a lower profile. No matter how you place it, the interface will automatically rotate to the right direction. The sleek design includes a 10" touch display so you can see everything clearly, while staying compact enough to be out of sight during your meetings. Just a single cable carries both power and data to the device, keeping your table clean and clutter-free.

#### Compatible systems

- RealPresence Group Series 300, 310, 500, 550 and 700
- Polycom® RealPresence Immersive Studio™
- Polycom® RealPresence OTX® Studio

#### Usability

- Display: 10.1-inch screen • Aspect ratio: 16 x 10 • Resolution: WXGA (1280 x 800) • Designed with built in stand support. No external dock required
- Viewing angle: >= 178 degrees • Positioning/placing angle: 30 degrees/65 degrees • Tap and touch control to access call controls and administrative menus
- New Intuitive User interface and home screen customization • Requires PoE network connection or optional external power supply



## RealPresence DESKTOP

**Polycom RealPresence Desktop for Windows and Apple® Mac OS X** is a powerful, enterprise-grade collaboration app that extends video communications beyond the typical conference room setting to mobile professionals. RealPresence Desktop combines quality, power and ease-of-use with industry-leading interoperability, and security that is both cost effective, and highly scalable. When powered by the Polycom RealPresence Platform, customers can extend desktop collaboration value with app management, interoperability, scalability, resiliency, and multi-point calling.

Polycom RealPresence Desktop leverages standards-based protocols that have been deployed on more than two million video-enabled rooms, desktops, mobile devices and immersive telepresence systems. No other desktop solution offers wider and deeper interoperability.

- Enable users with industry-first Polycom SmartPairing, ultrasonic connectivity between PC's and room systems.
- Acoustic Fence™ creates an audio barrier that removes distractions from the conference such as water cooler talk, metro noises, grounds keeping noise
- Backlight compensation improves video quality by properly lighting the subject even in the worst environments
- Experience the quality and interoperability of standards-based SVC/AVC coding technologies without complex user setup or interaction
- Leverage content collaboration no matter which signaling protocol your organization uses with standards-based H.239 and BFCP support over H.323 and SIP
- Hear every nuance of the spoken word with the industry's leading audio codecs, which support up to 20kHz audio
- Easily provision and authorize up to 50,000 individual users with just the click of a mouse thanks to the tight integration of Real Presence Resource Manager and Microsoft Active Directory



## RealPresence MOBILE

Polycom® RealPresence® Mobile for Apple® iOS and Android is a powerful, enterprise-grade collaboration app that extends video communications beyond the typical conference room setting to mobile professionals with tablets and smartphones. RealPresence Mobile combines power, innovation, and quality with industry-leading interoperability, and security that is both cost effective, and highly scalable.

### Powerful innovation

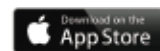
Mobile video collaboration is great, but sometimes you just need to be in the conference room. With Polycom® SmartPairing™ you can experience breakthrough room system control and simple presentation capabilities. Imagine being able to walk into the room, sit down and have immediate control of the video conferencing system. Your tablet automatically connects with no user interaction required—it's as simple as walking into a WiFi zone. Once connected, controlling the system for searching the directory and placing calls is just the beginning of the experience. Now, you can send a presentation; annotate a digital whiteboard or documents with a simple touch, share the latest financial numbers—virtually anything on your tablet with colleagues across the table or around the world.

### Legendary performance

Business users require their mobile video collaboration to be reliable, high-quality, secure and to resemble the experience they are used to in the conference room. Polycom's advanced technologies, and strict compliance to industry standards means that a mobile video call can be completed wherever wireless networks are available. Unlike competitive apps that struggle to connect in bandwidth-challenged areas, Polycom® RealPresence® Mobile software ensures call quality with no user interaction required.

### Broad interoperability and scale

Like the entire Polycom® RealPresence® portfolio, RealPresence Mobile will interoperate with your existing collaboration investments, such as standards-based video applications, endpoints and immersive room systems. When powered by the Polycom® RealPresence® Platform, end users are protected with the latest in media encryption and user authentication. RealPresence Mobile supports a wide range of customer needs from small deployments on a few tablets or phones to an enterprisewide solution for 50,000 mobile users.



## RealPresence CLOUD

### Polycom® RealPresence® Cloud

Every company has its own specific requirements for collaborating with employees, customers, partners and suppliers. And even within an organization, those needs can vary over time and between projects. With the addition of RealPresence Cloud to the suite of enterprise video collaboration solutions available through its partners, only Polycom can support all of an organization's video conferencing requirements today—and into the future.

The cloud-based Video as a Service (VaaS) offering is powered by Polycom's RealPresence Clarity and delivered by a trusted network of approved partners. RealPresence Cloud complements and extends Polycom's on-premise, hosted and managed video collaboration options, giving organizations the flexibility and scalability they need to tailor a solution for their unique business needs.

Polycom RealPresence Cloud is a subscription based cloud video solution that is immediately available from qualified partners, with universal access to quickly and simply start, schedule and join a video meeting.

- Delivers the same enterprise grade reliability availability and security that all RealPresence® Platform solutions provide
- Easy access via any browser, any device
- Intuitive, robust end user portal to quickly and simply start, schedule and join a video meeting

Whether you're looking for a cloud-based solution for your first foray into video collaboration or you want to add cloud capabilities to an existing deployment, learn more about the benefits of RealPresence Cloud for your enterprise.

If you're a video conferencing service provider that wants to offer your customers a VaaS solution with the power, security and reliability only Polycom can deliver, learn more about the program for Partners.



## 1080p OVER COAX DIGITAL VIDEO RECORDERS

**D4VT** 4-Channel DVR with 1080p Over Coax  
**D8VT** 8-Channel DVR with 1080p Over Coax  
**D16VT** 16-Channel DVR with 1080p Over Coax

- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI) • Backwards compatible with all analog cameras
- UTC function allows for zoom/focus and OSD control over coax • Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Instant playback • Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD) • Video Out: 1 HDMI®, 1 VGA, 1 CVBS
- Networkable DVR with free Speco DDNS server • Network accessible via SecureGuard® and SecureGuard® Mobile • 2-way audio communication

Available with 1 - 8TB Internal HDD



## HT SERIES HYBRID DIGITAL VIDEO RECORDERS

**D8HT** 8-Channel Full Hybrid HD-TVI Video Recorder with Looping Outputs and Real-Time Recording  
**D16HT** 16-Channel Full Hybrid HD-TVI Video Recorder with Looping Outputs and Real-Time Recording

- Real-time recording rate at 30fps/channel on IP / HD-TVI / Analog
- Up to 5MP IP camera resolution on all channels
- 1080p@30fps on HD-TVI channels • Plug & play feature with Speco's OnSIP/VIP/ZIP cameras • Each channel is configurable for either IP / HD-TVI / analog
- Dual network ports for isolating IP camera network and remote network traffic • Instant playback allows for playback of 1 channel while the rest stays in Live mode
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup. • Networkable full hybrid DVR with free Speco DDNS server
- UTC function allows for zoom/focus and OSD control over coax • Cloud upload for events via Google Drive • 2-way audio communication via local and IP camera audio service

Available with HDD from 1TB to 12TB – Call for Complete Details



## IP NETWORK VIDEO RECORDERS

**N16NS** 16 Channel Network Video Recorder

- Video Out: 1 HDMI, 1 VGA, 1 CVBS
- 16 channel NVR supports up to 5MP resolution on channel 1
- Plug & play feature with Speco's OnSIP/VIP/ZIP cameras • Conformant with ONVIF profile S
- Dual network ports for isolating IP camera network and remote network traffic • Supports all H.264 compression profiles (baseline, main and high)
- Network video recorder with free Speco DDNS server • Digital Deterrent® for triggering audio message via motion detection or sensor • 2-way audio communication
- Full HD (1920 x 1080) recording and playback • Supports wireless access point for viewing and configuration
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)

Available with HDD from 1TB to 8TB – Call for Complete Details



**N4NSP** 4 Channel Network Video Recorder with Built-In Power-over-Ethernet

**N8NSP** 8 Channel Network Video Recorder with Built-In Power-over-Ethernet

**N16NSF** 16 Channel Network Video Recorder with Built-In Power-over-Ethernet

- Video Out: 1 HDMI, 1 VGA, 1 CVBS • 8 and 16 channel NVR supports up to 5MP resolution on channel 1
- 4 channel NVR supports up to 3MP resolution on channel 1
- Plug & play feature with Speco's OnSIP/VIP/ZIP cameras • Conformant with ONVIF profile S
- Dual network ports for isolating IP camera network and remote network traffic • Supports all H.264 compression profiles (baseline, main and high)
- Network video recorder with free Speco DDNS server • Digital Deterrent® for triggering audio message via motion detection or sensor • 2-way audio communication
- Full HD (1920 x 1080) recording and playback • Supports wireless access point for viewing and configuration

Available with HDD from 1TB to 8TB – Call for Complete Details



**N4NSL** 4 Channel Network Video Recorder with Built-In Power-over-Ethernet

**N8NSL** 8 Channel Network Video Recorder with Built-In Power-over-Ethernet

- Built-In PoE IEEE 802.3af • Video Out: 1 HDMI, 1 VGA • Plug & play feature with Speco's IP cameras

- Dual network ports for isolating IP camera network and remote network traffic
- Network video recorder with free Speco DDNS server • Digital Deterrent® for triggering audio message via motion detection
- Full HD (1920 x 1080) recording and playback
- Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- PC and MAC® compatible • Network accessible via SpecoTech Multi-Client Software, SecureGuard® and Speco Player Mobile Viewer

Available with HDD from 1TB to 2TB – Call for Complete Details



## HS SERIES HYBRID DIGITAL VIDEO RECORDER

**D16HS** 16-Channel IP & Analog Hybrid DVR

- Video Out: 1 HDMI, 1 VGA, 1 CVBS, 1 Spot
- Real-time recording rate at 30fps/channel for analog channels at 960H and IP channels at Full HD (1920x1080)
- Up to 5MP resolution on the one channel • Plug & play feature with Speco's OnSIP/VIP/ZIP cameras • ONVIF support
- Dual network ports for isolating IP camera network and remote network traffic • Each channel is configurable for either IP or analog
- H.264 video compression • Networkable hybrid DVR with free Speco DDNS server • Digital Deterrent® for triggering audio message via motion detection or sensor
- 2-way audio communication • Supports wireless access point for viewing/configuration • Built-in Self-Monitoring, Analysis and Reporting Technology for HDD)
- Easy firmware upgrade by USB port or network • User Access: up to 12 concurrent users
- Remote monitoring / recording / playback / configuration / software upgrades & PTZ control via internet
- PC and MAC® compatible • IR remote control & mouse included • Rack mountable (hardware included)

Available with HDD from 1TB to 9TB – Call for Complete Details





## WALL MOUNTED DIGITAL VIDEO RECORDERS

### D4WVTP 4 Channel 1080p HD-TVI Wall Mount Digital Video Recorder D4WVTPM 4 Channel 1080p HD-TVI Wall Mount Digital Video Recorder with Monitor

- 4 channel 1080p HD-TVI digital video recorder with built-in power supply
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations
- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI) • Backwards compatible with all analog cameras
- UTC function allows for zoom/focus and OSD control over coax
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Instant playback • Built-in S.M.A.R.T. Technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Video Out: 1 HDMI®, 1 VGA, 1 CVBS • Networkable DVR with free Speco DDNS server
- Network accessible via SecureGuard® and SecureGuard® Mobile • 2-way audio communication

Available with HDD from 1TB to 8TB – Call for Complete Details

Full HD  
1080p



## PLUG 'N' PLAY NVR/DVR and IP CAMERA KITS



### ZIPL4B1 4 Ch. Plug & Play NVR and IP Kit – Bullet Cameras (4) ZIPL4D1 4 Ch. Plug & Play NVR and IP Kit – Dome Cameras (4)

#### NVR Features

- EZ Wizards - For ease of use and setup
  - Camera: quickly discovers and installs IP cameras
  - Setup: for setup of general settings
  - Network: network setup and port forwarding
  - Record: setup recording resolutions and recording type
  - Search: search for events from thumbnails
  - Copy: copy what you are playing onto a USB flash drive
- N4NSL1TB 4-Channel NVR with 4-Channel Built-In PoE and 1TB HDD**
- Built-In PoE IEEE 802.3af • Video Out: 1 HDMI®, 1 VGA
  - Plug & play feature with Speco's IP cameras • Free U.S.-Based DDNS Server Access
  - Dual network ports for isolating IP camera network and remote network traffic
- Camera Features - O3VLB1K (Bullet) O3VLD1K (Dome)**
- 2.8mm fixed lens • Full HD 2MP @ 30fps
  - Max 3MP @ 20fps • Standard PoE
  - True Day/Night operation • IR LED operation
  - IP67 compliant, weather resistant



### ZIPL8B2 8 Ch. Plug & Play NVR and IP Kit – Bullet Cameras (8) ZIPL8D2 8 Ch. Plug & Play NVR and IP Kit – Dome Cameras (8)

#### NVR Features

- EZ Wizards - For ease of use and setup
  - Camera: quickly discovers and installs IP cameras
  - Setup: for setup of general settings
  - Network: network setup and port forwarding
  - Record: setup recording resolutions and recording type
  - Search: search for events from thumbnails
  - Copy: copy what you are playing onto a USB flash drive
- N8NSL2TB 8-Channel NVR with 4-Channel Built-In PoE and 2TB HDD**
- Built-In PoE IEEE 802.3af • Video Out: 1 HDMI®, 1 VGA
  - Plug & play feature with Speco's IP cameras • Free U.S.-Based DDNS Server Access
  - Dual network ports for isolating IP camera network and remote network traffic
- Camera Features - O3VLB1K (Bullet) O3VLD1K (Dome)**
- 2.8mm fixed lens • Full HD 2MP @ 30fps
  - Max 3MP @ 20fps • Standard PoE
  - True Day/Night operation • IR LED operation
  - IP67 compliant, weather resistant



### ZIPL88B2 8 Ch. Plug & Play NVR and IP Kit – Bullet Cameras (8) ZIPL88D2 8 Ch. Plug & Play NVR and IP Kit – Dome Cameras (8)

#### NVR Features

- EZ Wizards - For ease of use and setup
  - Camera: quickly discovers and installs IP cameras
  - Setup: for setup of general settings
  - Network: network setup and port forwarding
  - Record: setup recording resolutions and recording type
  - Search: search for events from thumbnails
  - Copy: copy what you are playing onto a USB flash drive
- N8NSL2TB 8-Channel NVR with 8-Channel Built-In PoE and 2TB HDD**
- Built-In PoE IEEE 802.3af • Video Out: 1 HDMI®, 1 VGA
  - Plug & play feature with Speco's IP cameras
  - Dual network ports for isolating IP camera network and remote network traffic
  - Free U.S.-Based DDNS Server Access
- Camera Features - O3VLB1K (Bullet) O3VLD1K (Dome)**
- 2.8mm fixed lens • Full HD 2MP @ 30fps • Max 3MP @ 20fps • Standard PoE
  - True Day/Night operation • IR LED operation • IP67 compliant, weather resistant



### ZIPT471 4 Ch. HD-TVI DVR and Camera Kit – Dome Cameras (4)

#### DVR Features

- EZ Wizards - For ease of use and setup
  - Setup: for setup of general settings
  - Network: network setup and port forwarding
  - Record: setup recording resolutions and recording type
  - Search: search for events from thumbnails
  - Copy: copy what you are playing onto a USB flash drive
- D4VT1TB 4-Channel HD-TVI DVR with a 1TB HDD**
- 1080p @ 15fps / 720p @ 30fps over coax
  - Backward compatible with all analog cameras • Signal distance up to 1600 feet
  - Video Out: 1 HDMI®, 1 VGA, 1 CVBS • H.264 video compression
  - Free U.S.-Based DDNS Server Access
- Camera Features - HT7246T (Dome)**
- 2.8-12mm varifocal lens • HD-TVI 2MP @ 30fps
  - True WDR operation • Additional 960H analog output
  - IP67 compliant, weather resistant

**CVC6246T**  
**Intensifier® T HD-TVI 1080p**  
**Indoor Dome Camera, 2.8-12mm lens**

- 2.8-12mm auto iris varifocal lens
- 1/3" Sony Exmor CMOS, 2MP
- Amplify existing light with no distance limitations
- No problems caused by objects that reflect or absorb IR light sources





**CLPR66H**  
**960H Weather Resistant License Plate Capture Bullet Camera**

- 8 super high power IR LEDs work perfectly even in total darkness
- 9-22mm varifocal IR-corrected lens
- Captures license plates up to 24 mph
- IP66 compliant, weather resistant



**HLED33D1B**  
**960H Dual Voltage Indoor Dome Camera with Built-In IR LEDs, 2.8-12mm Lens, Black Housing**

- 2.8-12mm auto iris varifocal lens
- 700 TV lines of resolution • IR Range: 65'
- Smart IR reduces saturation of objects within close proximity to IR LEDs • Wall and ceiling mountable
- Digital wide dynamic range



**HLP67T**  
**Weather Resistant Long Range HD-TVI License Plate Capture Bullet Camera**

- 5-50mm motorized auto iris varifocal lens, (10x zoom)
- Full HD 1080p over coax
- 15 super high powered IR LEDs
- Captures license plates up to 40 mph
- IR Range: 165 ft. • Weather resistant operation




**HT5940T**  
**Intense IR HD-TVI 1080p 2MP Indoor/Outdoor Dome Camera, 2.8-12mm Lens**

- 2.8-12mm auto iris varifocal lens
- Intense IR function
- True day/night operation
- Heater circuitry and anti-moisture glass
- Vandal / tamper resistant • IP67 compliant




**HT5941T**  
**Intense IR HD-TVI 1080p 2MP Indoor/Outdoor Dome Camera, 3.6mm Fixed Lens**

- 3.6mm fixed lens
- Intense IR function
- True day/night operation
- Heater circuitry and anti-moisture glass
- Vandal / tamper resistant • IP67 compliant




**HT5943T**  
**HD-TVI 3MP Intense IR Dome Camera, 2.8-12mm Lens, Dark Gray Housing**

- Supports up to 3MP @ 18fps
- Intense IR function – no saturation, IR intensity adapts to subject to provide vivid image
- Built-in heater and anti-fog glass reduces condensation • Vandal / tamper resistant



**HT7040T**  
**Intense IR HD-TVI 1080p 2MP Indoor/Outdoor Bullet Camera, 2.8-12mm VF Lens**

- 2.8-12mm auto iris varifocal lens • Supports up to Full HD 1080p
- True WDR operation • Intense IR function
- True day/night operation
- Heater circuitry and anti-moisture glass
- Vandal / tamper resistant • IP67 compliant




**HT7041T**  
**Intense IR HD-TVI 1080p 2MP Indoor/Outdoor Bullet Camera, 3.6mm Fixed Lens**

- 3.6mm fixed lens
- Supports up to Full HD 1080p
- True WDR operation • Intense IR function
- True day/night operation
- Heater circuitry and anti-moisture glass
- Vandal / tamper resistant • IP67 compliant




**HT7246T**  
**HD-TVI 2MP Intensifier® Dome Camera with Junction Box, 2.8-12mm Lens, Dark Grey Housing**

- 2.8-12mm auto iris varifocal lens
- Full HD resolution over coax (HD-TVI)
- True WDR function
- Built-in heater to reduce condensation
- Chameleon Cover™
- Additional analog output for 960H • IP67 compliant
- Vandal / tamper resistant




**HTINTB8GK**  
**Intensifier® K 1000 TVL Glacier™ Series Weather Resistant Bullet Camera, 2.8-12mm lens, Dark Grey Housing**

- 1000 TV lines of color resolution
- Amplify existing light with no distance limitations
- No problems caused by objects that reflect or absorb IR light sources • -40° with Glacier™ heaters



**HTINTT5T**  
**Intensifier® T HD-TVI 1080p Traditional Camera**

- Full HD resolution over coax (HD-TVI)
- Supports Full HD 1080p
- No problems caused by objects that reflect or absorb IR light sources
- True WDR operation • Additional analog output for 960H • Lens NOT included




**HTINT70T**  
**Intensifier® T HD-TVI 1080p Indoor/Outdoor Bullet Camera, 2.8-12mm Lens**

- 2.8-12mm auto iris varifocal lens
- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p
- True WDR operation
- Heater circuitry eliminates fog
- Vandal / tamper resistant • IP67 compliant




**HTMD2T**  
**HD-TVI 2MP IR Mini-Dome Camera with Junction Box, 3.6mm Fixed Lens**

- 3.6mm fixed lens
- Full HD Resolution Over Coax (HD-TVI)
- Supports Up to Full HD 1080p @ 30fps
- True Day/Night Operation
- 12VDC Operation
- IP66 compliant, weather resistant




**HTPTZ20T**  
**Full HD 1080p HD-TVI Indoor/Outdoor PTZ Camera**

- 4.7 - 94mm 20x optical zoom
- Full HD 1080p @ 30fps
- 20x optical zoom lens
- True WDR function • 16x digital zoom
- Max 380°/sec speed
- Additional analog output for 960H
- Full OSD control via UTC • IP66 compliant




**VLEDB2HW**  
**960H IR Bullet Camera, 3.6mm Fixed Lens, White Housing**

- 3.6mm fixed lens
- 1/3" 960H CCD
- 0 lux with 24 IR LEDs built-in
- 65' IR range (depending on scene reflection)
- IP66 compliant, weather resistant



**VL66**  
**Weather Resistant Color Dual Voltage IR Camera, 2.8-12mm Lens, Black Metal Housing**

- 2.8-12mm auto iris varifocal lens
- 1/3" Sony Super HAD™ II 960H CCD
- 700 TV lines of resolution
- 90' IR range
- Removable and adjustable sunshield



**M17VLED**  
**17" Color LED Flat-Panel Monitor**

**M19VLED**  
**19" Color LED Flat-Panel Monitor**

- 1280 x 1024 max. resolution
- Built-in speakers
- VGA (D-Sub 15 pins) and BNC video inputs



**M19LED**  
**19" HD 1080p**

- LED Monitor**
- HDMI, VGA (D-Sub 15 pins) and BNC video inputs
  - 1920(H) x 1080(V) HD 1080p resolution
  - Built-in speakers
  - Convenient front controls for screen programming



**M284K**  
**28" 4K LED**

- Monitor**
- 16:9 display ratio
  - 3840x2160 4K resolution
  - 2 HDMI inputs
  - 2 display port inputs
  - Convenient front controls for screen programming



**O2i675**

**2MP Intensifier® In-Wall IP Camera, 2.9mm Fixed lens**

- 2.9mm fixed lens
- No problems caused by objects that reflect or absorb IR light sources
- 2-way audio communication
- Micro SD card slot
- Conformant with ONVIF Profile S



**O2iB8M**  
**2MP Intensifier® H.265**

- Bullet IP Camera with Junction Box, 2.8-12mm motorized lens, Dark Gray Housing**
- 2.8-12mm motorized lens
  - Supports up to 1080p @ 30fps
  - Supports H.265, H.264, and MJPEG codecs
  - Built-in heater and anti-fog glass • IP66 compliant



**O2LPR67**  
**2MP H.265 License Plate Capture**

- Bullet IP Camera, 5-50mm motorized Lens, White Housing**
- 5-50mm motorized auto iris varifocal lens, (10x zoom)
  - Full HD 1080p @ 30fps
  - 15 super high powered IR LEDs • IR Range: 165 ft.
  - Captures license plates up to 60 mph
  - Supports H.265, H.264 and MJPEG codecs



**O2P4X**

**2MP 4X Mini-PTZ IP Camera with Junction Box, 2.7-11mm 4x Optical Zoom, White Housing**

- 2.7-11mm 4x optical zoom lens
- Miniature sized PTZ camera
- Supports up to Full HD 1080p @ 30fps
- 4x optical zoom
- Micro SD card slot • IP66, compliant, weather resistant • IK10 compliant, vandal resistant



**O2VLB5**  
**2MP Bullet IP Camera, 3.6mm Fixed Lens**

- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Adaptive IR LEDs reduce IR saturation
- IR Range: 50' (depending on scene reflection)
- True Day/Night operation (IR cut filter)
- IP66 compliant, weather resistant
- Conformant with ONVIF Profile S



**O2VLB6**  
**2MP Bullet IP Camera, 2.8-12mm Lens**

- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Adaptive IR LEDs reduce IR saturation
- IR Range: 80' (depending on scene reflection)
- True Day/Night operation (IR cut filter)
- IP66 compliant, weather resistant
- Conformant with ONVIF Profile S



**O2VLD5**  
**2MP Dome IP Camera, 3.6mm Fixed Lens**

- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Adaptive IR LEDs reduce IR saturation
- IR Range: 50' (depending on scene reflection)
- True Day/Night operation (IR cut filter)
- IP66 compliant, weather resistant
- Conformant with ONVIF Profile S



**O2VLD6**  
**2MP Dome IP Camera, 2.8-12mm Lens**

- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Adaptive IR LEDs reduce IR saturation
- IR Range: 65' (depending on scene reflection)
- True Day/Night operation (IR cut filter)
- IP66 compliant, weather resistant
- Conformant with ONVIF Profile S



**O3FB68**  
**3MP Flexible Intensifier® IP68**

- Bullet IP Camera, 3.6mm Fixed Lens, Dark Gray Housing**
- 3.6mm fixed lens
  - Supports up to 3MP @ 30fps
  - Adaptive IR LEDs • IR Range: 65'
  - Built-in heater and anti-fog glass
  - IP68 compliant, waterproof



**O3FDP9**

**3MP Flexible Intensifier® Indoor Mini-Dome IP Camera, 2.8mm Fixed Lens, White Housing**

- 2.8mm fixed lens
- Supports up to 3MP @ 30fps
- Adaptive IR LEDs
- Micro SD card slot for edge recording
- Conformant with ONVIF Profile S



**O3VFBM**  
**3MP Bullet IP Camera with Junction Box, 2.7-12mm Motorized Lens, Dark Gray Housing**

- 2.7-12mm motorized lens
- Supports up to 3MP
- Adaptive IR LEDs • IR Range: 190'
- Micro SD card slot for edge recording
- IP67 compliant, weather resistant
- Conformant with ONVIF Profile S



**O3VFD1**  
**3MP Dome IP Camera with Junction Box, 2.7-12mm Motorized Lens, White Housing**

- 2.7-12mm motorized lens
- Supports up to 3MP • Adaptive IR LEDs
- IR Range 98' (depending on scene reflection)
- Micro SD card slot for edge recording
- IP67 compliant, weather resistant
- Conformant with ONVIF Profile S



**O3VLB3**  
**3MP Bullet IP Camera, 2.8mm Fixed Lens, Dark Gray Housing**

- 2.8mm fixed lens
- Supports 3MP @ 20fps and 1080p @ 30fps
- Adaptive IR LEDs • IR Range: 98'
- True Day/Night operation (IR cut filter)
- IP67 compliant, weather resistant
- Junction box included
- Conformant with ONVIF profile S



**O3VLD1**  
**3MP Dome IP Camera, 2.8mm Fixed Lens, White Housing**

- 2.8mm fixed lens • Supports 3MP @ 20fps and 1080p @ 30fps
- Adaptive IR LEDs • IR Range: 98'
- True Day/Night operation (IR cut filter)
- IP67 compliant, weather resistant
- IK10 compliant, vandal resistant
- Includes junction box • Conformant with ONVIF profile S



**O4B2M**  
**4MP Bullet IP Camera, 2.7-12mm Motorized Lens, Dark Gray Housing**

- 2.7-12mm motorized lens
- Supports up to 4MP @ 30fps • Adaptive IR LEDs
- IR Range: 160' (depending on scene reflection)
- Micro SD card slot for edge recording
- IP67 compliant, weather resistant
- Conformant with ONVIF Profile S
- Junction box included



**O4B7**  
**4MP Bullet IP Camera with Junction Box, 2.8mm Fixed Lens, Dark Gray Housing**

- 2.8mm fixed lens
- Supports up to 4MP @ 30fps in 16:9 format
- IR Range: 98' • True Day/Night operation
- IP67 compliant, weather resistant
- Junction box included • UL listed





**O4D2M**  
**4MP Dome IP Camera,**  
**2.7-12mm Motorized**  
**Lens, White Housing**

- 2.7-12mm motorized lens
- Supports up to 4MP @ 30fps
- Adaptive IR LEDs reduce IR saturation
- IR Range: 160' (depending on scene reflection)
- True Day/Night operation • True WDR operation
- Micro SD slot for edge recording • IP67 compliant, weather resistant • IK10 compliant, vandal resistant




**O4FB8M**  
**4MP Flexible Intensifier®**  
**H.265 Bullet IP Camera**  
**with Junction Box and**  
**2.8-12mm Motorized Lens**

- 2.8-12mm motorized lens
- Supports up to 4MP in 16:9 widescreen format
- Adaptive IR LEDs • IR Range: 100'
- Supports H.265, H.264, and MJPEG codecs
- Built-in heater and anti-fog glass
- IP66 compliant, weather resistant






**O4FD5M**  
**4MP Flexible Intensifier®**  
**H.265 Dome IP Camera**  
**with Junction Box and**  
**2.8-12mm Motorized Lens**

- 2.8-12mm motorized lens
- Supports up to 4MP in 16:9 widescreen format
- Adaptive IR LEDs • IR Range: 65' (depending on scene reflection) • Built-in heater and anti-fog glass
- Supports H.265, H.264, and MJPEG codecs
- IP66 compliant, weather resistant






**O4P30X**  
**4MP 30x PTZ IP Camera**  
**with Wall Mount Bracket,**  
**4.5-135mm 30x Optical Zoom**  
**Lens, White Housing**

- 4.5-135mm 30x optical zoom lens
- Supports up to 4MP @ 30fps in 16:9 widescreen format
- Micro SD card slot • RS485 control
- IP66 compliant, weather resistant
- IK10 compliant, vandal resistant



**O8B2M**  
**4K Bullet IP Camera**  
**with Junction Box,**  
**2.7-12mm Motorized**  
**Lens, Dark Gray Housing**

- 2.7-12mm motorized lens
- Supports up to 4K resolution in 16:9 widescreen format
- True Day/Night operation (IR cut filter)
- IR Range: 160' • Micro SD card slot • 2-way audio
- IP67 compliant, weather resistant
- Conformant with ONVIF Profile S

**O8D2M**  
**4K Dome IP Camera**  
**with Junction Box,**  
**2.7-12mm Motorized**  
**Lens, White Housing**

- 2.7-12mm motorized lens
- Supports up to 4K resolution in 16:9 widescreen format
- True Day/Night operation (IR cut filter)
- IR Range: 160' • Micro SD card slot • 2-way audio
- IP67 compliant, weather resistant
- Conformant with ONVIF Profile S

## ACCESSORIES • MOUNTS • POWER SUPPLIES • MICS • ADAPTERS



**BB6** 6' BNC Cable Male to Male  
**BB12** 12' BNC Cable Male to Male

**BNCVGAHR**  
**High Resolution Video**  
**to VGA Converter**

- Input: allows composite video output to be viewed on a VGA monitor (CRT or LCD)
- Dual output: BNC x 1 for TV monitor and DB15 x 1 for VGA monitor • High resolution VGA display up to 1280 x 1024@60Hz



**CBL150BB** 150 Feet  
**CBL50BB** 50 Feet  
**CBL25BB** 25 Feet  
 Video/Power Extension Cable with BNC/BNC Connectors



**LB1** 16 Gauge Steel Lock Box

- For desktop DVR or VCT units measuring up to 21" (W) x 21" (L) x 8" (H)
- Extra security for DVRs/VCRs
- Cooling fan • Includes power supply and cord



**POEINJ** 802.3af/at PoE Injector

- Used in conjunction with Ethernet switch to power PoE cameras
- Meets IEEE 802.3af/at Ethernet standard
- Ethernet speeds up to 10/100/1000MBPS



**TVIUTPPT**  
**HD Video Transceiver**

- Send HD-TVI signal up to 656' over UTP cable.
- BNC male to screw terminal with 4" (10cm) mini coax cable for easy connection • No power required
- Used in pairs (sold separately)



**UTP16AR** 16 Channel Active Transceiver

- 16 port active receivers in 1U 19" rack mounting panel
- Active receiver hub, use with active transmitter at a distance up to 3,200 ft
- Extended range for UTP Transmission



**VIDCAT2**  
**Power and Video over**  
**CAT-5E Conversion Kit**

- The kit includes a transmitter & receiver
- Allows video and power over CAT-5E cable up to 600'
- Works with any baseband signal (not just cameras)
- Can be used with all Speco Technologies BW and color cameras • 12VDC (power supply not included)



**WALL MOUNTED POWER SUPPLIES**




### MISCELLANEOUS ACCESSORIES and MOUNTS

- CAMMIC** High Impedance Line Level Microphone
- CVCJBB** Round Junction Box, Dark Gray Housing
- CVCJBD** Small Round Junction Box, Dark Gray
- ERS1V** Vented Rack Shelf
- INTCMW** Corner/Pole Mount, White Housing
- INTJBSW** Square Junction Box, White Housing

- INTWM** Dome Wall Mount, Dark Grey Housing
- INTWMW** Dome Wall Mount, White Housing
- OADP4** Adapter Plate
- PEN29DW** Pendant Arm
- POL28DW** Pole Mount
- PSW5** 1000mA (1 Amp) 12VDC Power Supply
- WMA29DW** Wall Mount

- P4W5D** 12VDC CCTV Camera Power Supply, 4 Channel 12VDC with 5A Output
- P4W5DUL** **UL Listed** 12VDC CCTV Camera Power Supply, 4 Channel 12VDC with 5A Output
- P9W10DUL** **UL Listed** 12VDC CCTV Camera Power Supply, 9 Channel 12VDC with 10A Output

CALL FOR COMPLETE DETAILS ON WHICH CAMERAS FIT WHICH MOUNTS

## IP ADDRESSABLE INTERCOMS AND EMERGENCY STATIONS

### IX Series – IP Video Intercom

- Scalable system is easy to expand - mix and match an infinite (∞) number of door and master stations!
- All-in-one communication system to control video entry and access control
- Uses new or existing CAT-5e or CAT-6 network infrastructure (multicast support recommended)
- Program system functions via Support Tool (recommended) or browser
- IP addressable stations provide easy network communication
- 24/7 streaming from video door stations • ONVIF compliant video output • Integration with Lenel® OnGuard®
- View third party IP cameras from IX-MV master stations
- Forward missed calls automatically • Paging with two priority levels • Priority call queuing
- Transfer door calls to any master station
- Standard door release wiring to door station or to RY-IP44 for added security
- IX Mobile app available soon for Android 4.0 or above and iOS 7.0 or above



- IX-MV** Video Master Station
- IX-DA** Video Door Station, Fixed camera with Plastic cover, Surface mount, Relay output
- IX-DF** Video Door Station, Fixed camera, Stainless steel, Flush mount, Relay output
- IX-BA** Audio Only Door Station, Surface Mount
- IX-DF-HID** Card Access Video Door Station, Fixed camera, Stainless steel, Flush mount with HID® ProxPoint® Plus Proximity Card Reader with Wiegand output and relay output
- LE-SS-1G** Vandal Proof and Weather Resistant Sub Station, 12 Gauge Stainless Steel
- RY-IP44** IP Programmable Relay Adaptor with 4 Contact Inputs and 4 Relay Outputs ( The RY-IP44 relay allows the IX Mobile app to detect when the mobile device is within range of the network to receive calls, and to notify the user when the mobile device has left the network.

## IP DOOR ENTRY WITH COMMUNICATION, PAGING, ANNOUNCEMENT SCHEDULING

### IS Series – Scalable IP Video Intercom

- Identify visitors at locked doors • Communicate easily between stations • Schedule Bells & Announcements
- Forward Failed Calls Automatically • Save system settings, then export and upload them to another system
- Emergency Broadcasts – Create areas and zones to easily broadcast emergency announcements quickly
- Transfer Video Calls • Use a simple browser to jump online and set-up, change, or customize the IS Series

- IS-CCU** The IS-CCU allows a connection of four door / sub stations and four master stations
- IS-PU-UL** 48V DC, 2A - UL Listed
- IS-IPMV** IP Addressable Video Master Station with a 3.5" Color LCD monitor. Use 802.3af compliant power-over-ethernet, or an external 24V DC power supply, PS-2420UL.
- IS-IPDV** IP Addressable Surface Mount Video Door, Vandal and Weather resistant
- IS-IPDVF** IP Addressable Flush Mount Video Door, Vandal and Weather resistant
- PS-2420UL** Power Supply, 24V DC
- IS-DV** 170° Pan, Tilt and Zoom Video Door Station, aluminum die cast, surface mount
- IS-DVF** 170° Pan, Tilt and Zoom Video Door Station, stainless steel, flush mount
- IS-MV** Video Master Station
- SBX-ISDVF** The SBX-IS-DVF is an 18-Gauge stainless steel enclosure designed for surface mounting the IX-DF, IX-DF-HID, IX-DF-RP10, IS-SS, IS-DVF, and IS-IPDVF door stations.
- IS-SOFT** Proprietary Aiphone software that can be installed on a PC running Windows XP, Windows Vista, or Windows 7
- RY-IP44** IP Programmable Relay Adaptor with 4 Contact Inputs and 4 Relay Outputs ( The RY-IP44 relay allows the IX Mobile app to detect when the mobile device is within range of the network to receive calls, and to notify the user when the mobile device has left the network.



## AUDIO INTERCOMS

### LEF Series

The LEF Series is a selective call open voice system that will support up to 11 total stations. There can be an intermixed number of masters, subs, and door stations on the system. Incoming calls from a sub or door station are annunciated with a momentary electronic mono-tone and an LED on the master stations. Communication at the calling master is push-to-talk, release-to-listen. Person at the receiving station speaks hands-free.



### LEM Series

The LEM Series is single master open voice intercom system. There are 3 types of master stations. The LEM-1 supports 1 door/sub station for communication only. The LEM-3 supports up to 3 sub/door stations for communication only. The LEM-1DL supports 1 door station and includes a built in relay for door release.



- LEF-3** The LEF-3 is a selective call open voice style master station with the capacity of up to 4 total stations. Any combination of subs and masters can be used up to its maximum capacity.
- LEM-1** LEM-1 is a single call open voice master station. Works with any of the LE series sub/door stations.
- LEM-1DL** The LEM-1DL Series is an audio only communication and entry security system. The system can start as a one door, one master kit using the LEM-1DLS box set, and can be expanded to up to 4 inside master stations. Each master allows for communication with the outside door and door release control.
- LEM-1DLC** Single call surface/desk mount master with built in door release relay. Unit is modified to allow multiple masters on the same system. Each master requires its own power supply.
- LE-A** Single call audio only interior sub station for use with the LEF/LAF style masters.
- LE-SS-1G** Vandal Proof and Weather Resistant Sub Station, 12 Gauge Stainless Steel
- PT-1210NA** The PT-1210NA is an AC 12V Transformer, Class 2, compact, plug-in style power source used for intercom and door release applications.

## NURSE CALL SYSTEM

### NHX Series – Nurse Call System

The NHX CommuniCare System is a UL 1069 listed Nurse Call system providing staff alert and communications for a variety of health care applications: nursing homes, elder-care facilities, clinics, sub-acute wards, and hospitals.

- One master and up to 80 patient stations • Single and dual patient stations
- Multi-station capability per patient room
- Three types of call-ins from patient stations: routine call, bathroom call and cord-out trouble call, identified by tone and a blinking LED (with priority according to urgency and time of call) • NHR-3TS common area call station is used for common areas

<b>NHX-80X</b>	Central Control Unit
<b>NHR-30K</b>	30 Call Add-On Trunk Card
<b>PS-2420UL</b>	24 V DC power supply
<b>NHX-50M</b>	50 Call Nurse Master Station, Push-to-Talk or Handset Communication, Desk or Wall Mount
<b>NHX-30G</b>	30 Call Add-On Selector
<b>NHR-SP</b>	Duty Station, Flush Mount Fits 2-Gang Electrical Box
<b>NHR-3A-4</b>	4-Zone Call Indicator Light, Wall or Ceiling Mount
<b>NH-1SA/A</b>	Single Jack Bedside Sub Station, Flush Mount Fits 2-Gang Electrical Box
<b>NH-2SA/A</b>	Dual Jack Bedside Sub Station, Flush Mount Fits 2-Gang Electrical Box
<b>NHR-8C</b>	Bedside Call Button for Routine Call at Master
<b>NHR-7A</b>	Urgent Call Pull Cord for Patient Rooms/Bathrooms, Flush Mount Fits 1-Gang Electrical Box
<b>NHR-4A/A</b>	LED Corridor Light, Flush Mount Fits 1-Gang Electrical Box
<b>NHR-3TS</b>	Dual Corridor Light Sub Station, Flush Mount Fits 2-Gang Electrical Box, Stainless Steel Face Plate



## VIDEO INTERCOMS

### JP Series – Video Intercom

- Digital PanTilt and Zoom camera eliminates blind spots with 170° wide angle lens (video door stations) • 7" touchscreen panel
- Hands-free (VOX) or handset communication • Camera position and zoom can be set for call-in
- Includes two N/O door release contacts (add RY-3DL for 3-4 doors) • Color LCD screen
- Camera can be adjusted to compensate for bright illumination • Entry can be monitored via the master station
- Picture memory records up to 20 calls to internal memory and max. 1,000 calls to removable SD / SDHC card (not included)

<b>JPS-4AED</b>	Includes JP-4MED Video Master Station, JP-DA Plastic Cover, Surface Mount, Color Video Door Station with PTZ Camera, PS-2420UL Power Supply
<b>JPS-4AEDV</b>	Includes JP-4MED Video Master Station, JP-DV Zinc Die Cast, Surface Mount, Vandal Resistant Color Video Door Station with PTZ Camera, PS-2420UL Power Supply
<b>JPS-4AEDF</b>	Includes JP-4MED Video Master Station, JP-DVF Stainless Steel, Flush Mount, Vandal Resistant Color Video Door Station with PTZ Camera, PS-2420UL Power Supply
<b>JP-4HD</b>	Video Sub Master Station (Up to 7 per JP-4MED) with 7" Touchscreen LCD
<b>JP-8Z</b>	Distribution Adaptor for Sub Master Stations (Required only when using homerun wiring method)
<b>JP-DV</b>	Video Door Station, PTZ camera, Zinc die cast, Surface mount, Vandal resistant
<b>JP-DA</b>	Video Door Station, PTZ camera, Plastic cover, Surface mount
<b>JP-DVF</b>	Video Door Station, PTZ camera, Stainless Steel, Flush mount, Vandal resistant
<b>JP-4MED</b>	The JP-4MED is a video master station with a 7" color touchscreen LCD, supports up to 4 door stations and 7 sub masters
<b>EL-12S</b>	Electric Door Strike - The EL-12S door strike is designed for wood framed wooden doors. The unit operates on 12-16 VAC.
<b>SBX-ACE</b>	The SBX-ACE is a surface mount stainless steel enclosure designed for mounting an Aiphone door station and an access control device.



## BOX SETS – EASY INSTALLATION FOR SMALLER VIDEO INSTALLATIONS

### JF Series Hands-free Color Video Intercom

The JF Series is a high performance, hands-free video intercom system with a superior monitor and an amazingly slim design. It is easy to operate and requires little time to install.

- Quick & easy to install • Up to 2 doors and 3 inside stations
- Keep doors locked and secure while identifying visitors

<b>JFS-2AED</b>	Includes (1) JF-2MED, color video Master Station with Picture Memory, (1) JK- DA, plastic, surface mount Door Station, power supply
<b>JFS-2AEDV</b>	Includes (1) JF-2MED, color video Master Station with Picture Memory, (1) JK- DV, zinc die cast, surface mount Door Station, power supply
<b>JF-DA</b>	Door Station-Fixed Video, Plastic, Surface Mount
<b>JF-DV</b>	Door Station-Fixed Video, Vandal Resistant, Zinc Die cast, Surface Mount
<b>JF-2HD</b>	Color Video Sub Master Station
<b>KAW-D</b>	30 degree angle box. Designed for use with one gang mountable video door stations.
<b>EL-12S</b>	Electric Door Strike - The EL-12S door strike is designed for wood framed wooden doors. The unit operates on 12-16 VAC.
<b>RY-3DL</b>	The RY-3DL provides selective door release capability with the KB-3MRD video sentry color tilt, MK-2MCD video sentry pan tilt plus, JA-2MCD hands free color video pan tilt, JF-2MED hands free color video, or IE-2AD(U) chime tone intercom systems.
<b>MCW-S/A</b>	Stand for desktop mounting a video monitor.
<b>SBX-ACE</b>	The SBX-ACE is a surface mount stainless steel enclosure designed for mounting an Aiphone door station and an access control device.
<b>SBX-DVF</b>	The SBX-DVF is an 18-gauge stainless steel enclosure designed for surface mounting the JK-DVF and JF-DVF video door stations.



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## ENTRY SYSTEMS – AUDIO and VIDEO

### AX Series Integratable Security System

- Components connected using CAT-5e wiring • 8 masters, 120 remotes stations • Two talk channels
- PTT or VOX operation at master, hands-free at doors • Master-to-master calling • Selective Call priority feature
- Masters available with 3-1/2" color TFT LCD • Composite video output from CEU and Master Station
- Priority call-in • Communication privacy • Electronic access control integration • CCTV system integration
- CO Line Interface using Viking K-1900-5 • Selective remote control (e.g. door release) • Access Control System Interface
- PC programmable and event logging • Rack mountable CEU • Compatible with IE Series door stations

**AX-8MV** Color Video Master Station features a 3 -1/2" TFT monitor, an oversized TALK button to activate the VOX or PTT style communication, door call-in indicator, call button for other master stations in the system, a call tone volume control and a button for door release

**AX-DV** Video Door Station, aluminum die cast, surface mount

**AX-DV-P** Vandal Resistant Video Door Station W/HID Reader. Features a color CCD camera, speaker and mic for communication, illuminated call directory and white illumination LED for low light conditions.

**EL-12S** EL-12S Electric Door Strike - The EL-12S door strike is designed for wood framed wooden doors. The unit operates on 12-16 V AC.

**AX-248C** CCU for 24 Doors and 8 Masters

**PS-2420UL** Power Supply, 24V DC



### TD-H Series Selective Call Intercom System

- Connect Up to 3 Master Call Stations
- Audio & Video Door Station Compatibility
- Supports Adapters for Paging Zones
- Built-In Speakers and Amplifiers
- Combinations of Master & 1-Call Stations
- Attach Monitors for Viewing Caller
- Door Access Controls
- Wall or Surface Mounted

**TD-12H/V** The TD-12H/B is a multi-channel selective call intercom which supports a maximum of 13 stations.

**TD-1H/B** The TD-1H/B is a single channel sub master.

**PS-1225UL** UL Listed Power Supply - The PS-1225UL is a 12V DC, 2.5 Amp Power Supply



### JK Series Color Video Intercom – with Pan, Tilt and Zoom Camera

- 170° of viewing area!!
- 1 door and up to 2 inside stations
- Quick & easy to install – only 2 wires!
- Hands-free (VOX) or push-to-talk (PTT) communication
- High resolution color TFT LCD monitor
- Camera view features digital Pan, Tilt and Zoom
- Picture Memory (also available without picture memory)
- No handset to pick-up
- Keep door locked and secure while identifying visitors



**JKS-1AED** Includes (1) JK-1MED, color video master station with picture memory, (1) JK-DA, plastic, surface mount door station and power supply

**JKS-1AEDV** Includes (1) JK-1MED, color video master station with picture memory, (1) JK-DV, zinc die cast, surface mount door station and power supply

**JK-1HD** Color Video Monitor Sub Master Station

**JK-DV** Video Door Station - The JK-DV is a vandal resistant, surface mount door station, features a color CMOS camera, speaker and mic for communication, illuminated call directory and white illumination LED for low light conditions.

**EL-12S** EL-12S Electric Door Strike - The EL-12S door strike is designed for wood framed wooden doors. The unit operates on 12-16 V AC.

**MCW-S/A** Stand for desktop mounting a video monitor.

**SBX-ACE** The SBX-ACE is a surface mount stainless steel enclosure designed for mounting an Aiphone door station and an access control device.

**SBX-DVF** The SBX-DVF is an 18-gauge stainless steel enclosure designed for surface mounting the JK-DVF and JF-DVF video door stations.



### KB Series – Video Entry System with Tilt Camera

- Quick & easy to install
- Clear and bright image with color TFT LCD monitor and color video door station
- Three color video door stations, five inside monitor stations
- Instant voice call-in with image
- Selective Call or All Call
- Chime or receiver volume control
- Optional selective door release with RY-3DL
- 330' total distance looped between monitors • TILT camera control

**KB-3HRD** Sub master video station

**KB-3MRD** Master video station

**KB-DAR** Plastic, surface mount color video door station with illuminated call button

**RY-3DL** The RY-3DL provides selective door release capability with the KB-3MRD video sentry color tilt, MK-2MCD video sentry pan tilt plus, JA-2MCD hands free color video pan tilt, JF-2MED hands free color video, or IE-2AD(U) chime tone intercom systems.

**MCW-S/A** Stand for desktop mounting a video monitor.

**SBX-ACE** The SBX-ACE is a surface mount stainless steel enclosure designed for mounting an Aiphone door station and an access control device.

**EL-12S** Electric Door Strike - The EL-12S door strike is designed for wood framed wooden doors. The unit operates on 12-16 VAC.

**PS-2420UL** Power Supply, 24V DC

**PT-1210NA** The PT-1210NA is an AC 12V Transformer, Class 2, compact, plug-in style power source used for intercom and door release applications.



## ENTRY SYSTEMS – AUDIO and VIDEO

### JO Series Touch Button Box Sets

- 7" Screen • Touch buttons for system control • Elegant styling • Slim design video master, 13/16" depth • Uses 2-conductor wiring

### JOS-1A Box Set Includes:

- JO-DA** Video door station, plastic, surface mount
- JO-1MD** Video master station with touch buttons
- PS-1820UL** Power supply



JOS-1A



JOS-1V

### JOS-1V Box Set Includes:

- JO-DV** Video door station, zinc die cast, surface mount
- JO-1MD** Video master station with touch buttons
- PS-1820UL** Power supply

### JO-1FD Expansion monitor with 7" video screen and touch buttons

**KAW-D** 30 degree angle box. Designed for use with one gang mountable video door stations.

**SBX-DVF** The SBX-DVF is an 18-gauge stainless steel enclosure designed for surface mounting the JK-DVF and JF-DVF video door stations.

**MCW-S/A** Stand for desktop mounting a video monitor.

**PT-1210NA** The PT-1210NA is an AC 12V Transformer, Class 2, compact, plug-in style power source used for intercom and door release applications.



The JO Series conveniently identifies visitors at locked doors. Inside stations feature easy to use touch buttons and a large, 7" video screen. The JO Series can accommodate one door and up to two inside stations.

## TENANT ENTRY SYSTEMS – AUDIO AND VIDEO

### GT Series – Multi-Tenant Entrance Security

The GT Series can handle up to 16 entrances and 500 tenants per building.

- ADA compliant design • More variety of stations • 170° PanTilt & Zoom video camera for larger viewing area
- Built-in access code keypad for keyless entry (500 codes) • Alpha-numeric room numbering
- Link data allows for easy programming of multiple locations • Up to 16 entrance panels, 4 guard stations and 500 tenant stations
- Simple wiring with only 2 common wires for audio • Access control from inside station to calling entrance (door release)
- Security guard station can be included to provide communication between office/lobby and tenants
- Security guard can screen calls from visitors (Reception Mode)
- Both audio/video and audio-only entrance panels can be combined in the same system
- LED's at door allow use in low light conditions • Only 2 additional wires are required to add video

### GT-1M3

The GT-1M3 is a video tenant station with a 3.5" screen. It is equipped with door release, talk, guard call, light adjustment, zoom, and option buttons.

### GT-1C7

The GT-1C7 is a video tenant station with a 7" screen. It is equipped with door release, talk, guard call, light adjustment, PTZ, and option buttons

### GT-DB

The GT-DB is an audio module and is required for GT Series modular entrance stations.

### GT-DBP

The GT-DBP is the panel for GT-DB or GT-DB-VN.

### GT-SW

The GT-SW is a direct select module for GT Series modular entrance stations. Up to 4 direct calls per module.

### GT-VB

The Aiphone GT-VB is the camera module for the GT entrance panel. 170° Pan, Tilt & Zoom video camera for larger viewing area

### GT-VP

Front panel cover for the GT-VA camera module.

### GF-3F

The GF-3F is the 3-module frame for GT Series 1x3 and 2x3 modular entrance stations.

### GF-4P

GF-4P is the 4-call panel for GT-SW

### GT-103HB

3-Module Hooded Surface-Mount Box for GT Entrance Panels



### TL-2000 – Multi-Tenant Entrance Security

The TL-2000 is a telephone entry panel that can be programmed to call up to 2,000 different tenants/residents using their existing telephone numbers. The tenants will be able to answer a call from their visitor and unlock the entry door by entering a code on their phone. Up to 2,000 unique access codes can also be programmed into the system for tenant entry.

- Contact tenants using a phone line
- Up to five TL-2000 panels per phone line
- Up to 2,000 main telephone numbers/tenants and 2,000 secondary numbers can be used
- Door release
- Program up to 2,000 unique access codes
- RS-232 connection for programming
- Connect to device directly on site or via a modem off-site

### TL-2000

Stainless steel flush mount entry panel that can be programmed to call up to 2,000 different tenants/residents using their existing telephone numbers

### SBX-TL2000

18AWG stainless steel hooded surface mount box for the TL-2000 entry panel

### PS-1225UL

UL Listed Power Supply - The PS-1225UL is a 12V DC, 2.5 Amp Power Supply



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**WJ-NX400/6000T6**



**WJ-HXE400/6000T6**



**WJ-NV300/8000T4**

**32 Channel Network Recorder with 4TB Storage**

**WJ-NX400/6000T6 64 Channel Network Recorder with 6TB Storage**

- 64 ch. expandable to 128 ch. camera input. Support H.265 / H.264 mixed recordings.
- 640 Mbps total throughput (including 384 Mbps recording bandwidth) • Symantec device certificates pre-installed
- PC-less non VMS surveillance solution • No camera license fees, no annual license updates required
- Built-in GUI and Dual HDMI (4K/FHD) outputs • Automatic camera configuration
- (9) integrated drive-bays RAID 5/6 • External storage expansion up to 324 TB
- Dynamic HDD power management increases HDD life
- Redundant fail-over using 2nd recorder to enable seamless mission-critical recording

- H.264 and JPEG multi-format
- 16 active channels – supports 16 network cameras; another 16 can be added via licenses
- Supports the Full HD output (HDMI)
- Recorded images can be downloaded to a PC
- Equipped with an SD memory card slot and USB port
- Built-in network interface (10 / 100 / 1000 Base-T) for recording and client access
- Up to 8 clients can monitor images and control the WJ-NV300 NVR simultaneously
- Up to two 3.5" SATA HDDs can be installed
- ONVIF client, conformance to ONVIF Profile S

**WJ-HXE400/6000T6 Hard Disk Extension Unit with 6TB Storage**

- Extension unit for the recorder WJ-NX400K shown above and will only work with this recorder
- The unit can be mounted with a maximum of 9 HDD units and used as RAID
- The HDD units are easily mounted and dismounted on the unit by opening the front cover of the unit.



**WV-S1531LN**

**Full HD H.265 Fixed Box Network Camera**

- Extreme Super Dynamic technologies deliver 144 dB wide dynamic range.
- Intelligent Auto (iA) feature provides increased discernibility even in environments with poor visibility. • 3.6X optical zoom
- High sensitivity with Day/Night (ICR) function : 0.012 lx (Color), 0.006 lx (B/W) at F1.6 • IR Cut filter Removal
- H.265 compression and Smart coding technology realize high image quality streaming at low bit rates.
- Intelligent Face Compression provides high picture quality at "Face best shot area"
- Encryption and alteration detection functions enhanced the security.
- ClearSight Coating is a special coating applied to the surface of the transparent cover that makes it difficult for water droplets to adhere to the lens cover.



**WV-S2131L**

**Full HD H.265 Fixed Dome Network Camera**

- Extreme Super Dynamic technologies deliver 144 dB wide dynamic range
- 3.6X optical zoom
- Intelligent Auto (iA) feature provides increased discernibility even in environments with poor visibility.
- High sensitivity with Day/Night (ICR) function : 0.012 lx (Color), 0.006 lx (B/W) at F1.6
- IR Cut filter Removal
- H.265 compression and Smart coding technology realize high image quality streaming at low bit rates.
- Intelligent Face Compression provides high picture quality at "Face best shot area"
- Encryption and alteration detection functions enhanced the security.
- The Easy Kitting Package makes setting camera easy.



**WV-S2531LN**

**Full HD H.265 Vandal Resistant Weatherproof Network Dome Camera**

- Extreme Super Dynamic technologies deliver 144 dB wide dynamic range.
- Intelligent Auto (iA) feature provides increased discernibility even in environments with poor visibility. • 3.6X optical zoom
- High sensitivity with Day/Night (ICR) function : 0.012 lx (Color), 0.006 lx (B/W) at F1.6 • IR Cut filter Removal
- H.265 compression and Smart coding technology realize high image quality streaming at low bit rates.
- Intelligent Face Compression provides high picture quality at "Face best shot area"
- Encryption and alteration detection functions enhanced the security.
- ClearSight Coating is a special coating applied to the surface of the transparent cover that makes it difficult for water droplets to adhere to the lens cover.



**WV-S6130**

**Full HD H.265 PTZ Dome Network Camera**

- Full-HD 1920x1080 60fps
- Durable Pan/Tilt gear mechanism
- Intelligent Auto (iA) feature provides increased discernibility even in environments with poor visibility
- Extreme Super Dynamic technologies deliver 144 dB wide dynamic range
- Color night vision (0.001 to 0.015 lx)
- Angular field of view: H: 3.5-74 deg. V: 2.0-42 deg.
- Pan / Pan Range: 0 - +350 deg.
- Tilt / Tilt Range: -30 - +90 deg.
- Optical Zoom: 21x – with Extra Zoom: 31x
- SD memory card slot



Full HD  
1080

### WV-S6530N Weatherproof Outdoor Full HD PTZ Camera

- Full-HD 1920x1080 60fps
- ClearSight Coating is a special coating applied to the surface of the transparent cover that makes it difficult for water droplets to adhere to the dome cover
- Durable Pan/Tilt gear mechanism
- Intelligent Auto (iA) feature provides increased discernibility even in environments with poor visibility
- Extreme Super Dynamic technologies deliver 144 dB wide dynamic range
- Color night vision (0.001 to 0.015 lx)
- IP66, IK10 certified
- Wider operating temperature range -40°C to +60°C (-40°F to +140°F)



4K

### WV-SFN480 4K 360° 9MP Indoor Camera

- 360° monitoring with a wide variety of transmission modes : Panorama, Double Panorama, Quad PTZ, Single PTZ, and Quad streams (H.264)
- 9 Megapixel images up to 15 fps.
- Smooth PTZ operation without mechanical action
- Built-in distortion correction function
- A fisheye lens control function realizes intelligible screen operation intuitively.
- Smartphone monitoring : Direct camera control from smartphone
- Wide dynamic range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range.
- High sensitivity with Day/Night (Electrical) function : 0.3 lx (Color), 0.2 lx (B/W) at F1.9



4K

### WV-SFV781L

#### 4K 12MP Vandal Resistant Outdoor Dome Camera

- 4K (3,840 x 2,160) images up to 30 fps, 12M pixel
- Ultrawide x6 zoom lens • Digital Noise Reduction
- 0.3 lx (Color), 0.04 lx (B/W) at F1.6
- Smart IR LED equipped
- SDXC/SDHC/SD Memory card slot for manual recording
- Fog compensation function equipped as standard.
- Supports SSL, DDNS (viewnetcam, RFC2136)
- IP66 rated water and dust resistant • Rain wash coating dome cover
- Dehumidification device for use with various weather conditions
- Vandal resistant mechanism for high reliability (IK10)
- Wider operating temperature range -40°C to +60°C (-40°F to +140°F)



4K

### WV-SPV781L 4K 12MP Vandal Resistant

#### Outdoor Bullet Camera

- 4K (3,840 x 2,160) images up to 30 fps
- Ultrawide x6 zoom lens
- Digital Noise Reduction • Smart IR LED
- 0.3 lx (Color), 0.04 lx (B/W) at F1.6
- SDXC/SDHC/SD Memory card slot for manual recording
- Fog compensation function equipped as standard
- Supports SSL, DDNS (viewnetcam, RFC2136)
- IP66 rated water and dust resistant • Rain wash coating dome cover
- Dehumidification device for use with various weather conditions
- Vandal resistant mechanism for high reliability (IK10)
- Wider operating temperature range -40°C to +60°C (-40°F to +140°F)



Full HD  
1080

### WV-SPW531A Full HD Weatherproof Bullet Camera

- Smart coding Technology
- High sensitivity with Day/Night (ICR) function : 0.07 lx (Color), 0.01 lx (B/W) at F1.6
- IR LED equipped
- SDXC/SDHC/SD Memory card slot
- Face detection function
- Fog compensation function equipped as standard.
- HLC (High Light Compensation) technology reduces strong light sources such as
- Supports SSL, DDNS (viewnetcam, RFC2136)
- IP66 rated water and dust resistant
- Compatible with IEC60529 measurement standard, Type 4X(UL50), NEMA 4X compliant.



Full HD  
1080

### WV-SW598A Full HD Weather Resistant PTZ Dome Network Camera

- 1080p Full HD images up to 30 fps
- Multiple H.264 (High profile) streams • 30x optical zoom
- 90x extra optical zoom at 640x360 resolution with 12x digital zoom enabling 1080x zoom.
- Smart coding Technology • 360 degrees endless Panning
- Industrial grade Pan / Tilt / Zoom mechanism for high reliability
- SDXC/SDHC/SD Memory card slot for manual recording
- Supports SSL, DDNS (viewnetcam, RFC2136)
- IP66 rated water and dust resistant • Rain wash coat dome cover
- Dehumidification device for use in various weather conditions
- Fog and Sandstorm compensation



Full HD  
1080

### WV-SUD638

#### Outdoor Full HD PTZ Camera for Extreme Environments

- Delivers Full HD resolution of 1080p at 60 fps
- 30X optical zoom lens with image stabilization
- 360-degree Sphere Vision 3D viewing provides 360-degree continuous panning and +/- 90-degree tilt
- High strength, sleek fiber glass body offers salt and air corrosion protection
- Unique intelligent-radius bodyline minimizes wind drag
- Operates in the hottest and coldest conditions from -58 °F to +140 °F
- Built-in wiper and defroster
- IP67 and IK10



### WV-X6511N

#### 720p Weather Resistant PTZ Dome Network Camera

- 1280x720 60fps
- Intelligent Zoom Stabilization with 40x optical zoom
- ClearSight Coating is a special coating applied to the surface of the transparent cover that makes it difficult for water droplets to adhere to the dome cover.
- Durable Pan/Tilt gear mechanism
- Intelligent Auto (iA) feature provides increased discernibility even in environments with poor visibility.
- Extreme Super Dynamic technologies deliver 144 dB wide dynamic range.
- Color night vision (0.0007 to 0.011 lx)
- IP66, IK10 certified
- Wider operating temperature range -50 °C to +60 °C (-58 °F to +140 °F)



## DS-2DE4A320IW-DE

**Value Series 3 MP  
Indoor/Outdoor  
Network IR PTZ Camera**

- 1/2.8" Progressive Scan CMOS
- Up to 2048 x 1536 Resolution
- 4.7 mm to 94 mm varifocal lens
- 20x Optical Zoom, 16x Digital Zoom
- WDR, 3D DNR, HLC, Smart IR
- Basic Smart Suite Analytics
- Up to 165 ft (50 m) IR Distance
- H.265+ Video Compression Supported
- 12 VDC and PoE+ (802.3at, class 4)



## DS-2DE7430IW-AE

**Value Series 4 MP 30X IR  
Outdoor Network Speed Dome**

- 1/1.9" Progressive Scan CMOS
- Up to 2592 x 1944 Resolution
- 5.9mm to 177 mm varifocal lens
- 30x Optical Zoom, 16x Digital Zoom
- IR Distance up to 492 ft (150 m)
- Defog, EIS, 3D DNR, BLC, HLC, Digital WDR
- Support for H.265+ / H.265 Video Compression
- IP66-Rated Enclosure for Outdoor Use
- IK10-Rated for Vandal Resistance
- 24 VAC / Hi-PoE (injector supplied), 40 W



## DS-2DE2202I-DE3/W

**2MP 2X Network IR  
Mini PTZ Dome Camera**

- 1920 x 1080 Resolution at 30 fps
- IR Cut Filter
- 3.6-8.6mm Varifocal Lens
- 80-64.5° Field of View
- PTZ Functionality
- Built-In Microphone
- microSD Slot Supports Up to 64GB
- RJ45 Ethernet Connection with PoE
- Wi-Fi Connectivity with ezviz Support



Full HD  
1080

## DS-2DE5220I-AE

**2MP 20x Network  
IR PTZ Dome Camera**

- 1920 x 1080 Resolution at 30 fps
- IR Cut Filter
- 4.7-94mm Varifocal Lens
- 58.3-3.2° Field of View
- PTZ Functionality
- Two-Way Audio Communication
- microSD Slot Supports Up to 128GB
- RJ45 Ethernet Connection with PoE+
- IP66-Rated Enclosure for Outdoor Use
- IK10-Rated for Vandal Resistance



Full HD  
1080

## DS-2CD2335FWD-I

**3 MP Ultra-Low Light  
Network Turret Camera**

- Up to 3 MP High Resolution
- Full 2048 x 1536 @30 fps
- 2.8mm, 4mm, 6mm, 8mm Fixed Lens Options
- Ultra-Low Light, 0.008 lux, DarkFighter Technology
- H.265+, H.265, H.264+, H.264
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- Up to 100 ft (30 m) IR range
- MicroSD card slot supports up to 128 GB
- IP67 Protection • 3-Axis Adjustment



## DS-2CD2035FWD-I

**3 MP Ultra-Low Light Outdoor  
Network Bullet Camera**

- Up to 3 MP High Resolution
- Full 2048 x 1536 @30 fps
- 2.8mm, 4mm, 6mm, 8mm Fixed Lens Options
- Ultra-Low Light, 0.008 lux, DarkFighter Technology
- H.265+, H.265, H.264+, H.264
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- EXIR 2.0 with up to 100 ft (30 m) IR Range
- MicroSD Card Slot Supports up to 128 GB • IP67 Protection



## DS-2CD2E20F

**2 MP CMOS Network  
Recessed Mount  
Dome Camera**

- 1/3" Progressive CMOS Image Sensor
- 1280 x 1920 Resolution @ Up to 30 fps
- 2.8mm & 4mm Fixed Lens options
- Day/Night Functionality
- 85° Field of View
- 64GB Storage Capacity
- H.264 and MJPEG Compression
- RJ45 Ethernet Connection
- Recessed Mount



## DS-2CD2T35FWD-I5

**3MP Ultra-Low Light Network Bullet Camera**

- Up to 3 MP High Resolution
- Full 2048 x 1536 @30 fps
- 2.8mm, 4mm, 6mm, 8mm Fixed Lens Options
- Ultra-Low Light, 0.008 Lux, DarkFighter technology
- H.265+, H.265, H.264+, H.264
- 120 dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- EXIR 2.0 with up to 165 ft (50 m) IR range
- MicroSD Card Slot Supports up to 128 GB
- IP67 Protection



**DS-1LN Series**  
UTP Category 5E/6 Cables

DS-1LN5EU-B-CMR CAT5e Riser, Blue  
DS-1LN5EU-W-CMR CAT5e Riser, White  
DS-1LN5EU-B-CMP CAT5e Plenum, Blue  
DS-1LN5EU-W-CMP CAT5e Plenum, White  
DS-1LN6W-B-CMR CAT6 Riser, Blue  
DS-1LN6W-W-CMR CAT6 Riser, White  
DS-1LN6W-B-CMP CAT6 Plenum, Blue  
DS-1LN6W-W-CMP CAT6 Plenum, White



- 1000 ft (305 m) Coils
- -4° to 167° F (-20° to 75° C)
- Blue or White PVC Sheath • ISO/IEC11801, TIA-568-C.2

**DS-2DF8836IV-AELW**  
Pro Series 8MP Outdoor Network  
PTZ Dome Camera with Night Vision  
with Wiper

- 1/1.9" HD CMOS Sensor
- 4K (8 MP) 4096 x 2160 Resolution
- 36x Optical Zoom
- Smart Tracking
- Smart Detection
- 650 ft (200 m) IR Distance
- 120 dB Digital WDR
- Defog • Standard Wiper
- IP66/IK10
- 24 VAC/Hi-PoE (Injector Included), 60 W



**DS-2DE3304W-DE**  
3MP Network Mini PTZ Dome Camera

- 2048 x 1536 Resolution Video
- IR Cut Filter
- 2.8-12mm Varifocal Lens
- 105-33.5° Field of View
- PTZ Functionality
- Two-Way Audio Communication
- microSD Slot Supports Up to 128GB
- RJ45 Ethernet Connection with PoE
- ONVIF-Compliant
- IP67- and IK10-Rated for Outdoor Use



**DS-2AE5230T-A3**  
TurboHD 1080P Analog PTZ Dome Camera

- 2MP CMOS image sensor
- 1080p full HD video output
- 4 to 120mm varifocal lens
- Viewing angle of 58° to 1.7°
- 30x optical zoom and 16x digital zoom
- Supports up-the-coax function
- Privacy masking, 3D DNR
- 3D intelligent positioning
- IK09 vandalproof rated housing
- For indoor use



**DS-2CD2125FWD-I**  
2 MP Ultra-Low Light Outdoor  
Network Dome Camera

- Up to 2 MP High Resolution
- Full 1080p @30 fps
- 2.8mm, 4mm, 6mm, 8mm Fixed Lens Options
- Ultra-Low Light, 0.008 lux, DarkFighter Technology
- H.265+, H.265, H.264+, H.264
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 12 VDC & PoE (802.3af)
- EXIR 2.0 with up to 100 ft (30 m) IR Range
- MicroSD card slot supports up to 128 GB
- IP67, IK10 Protection



**DS-2DT6223-AELY**  
2 Megapixel Anti-Corrosion  
Network PTZ Camera

- Anti-corrosion stainless steel, avoids acidic and neutral salt fog corrosion
- 1/1.9" progressive scan CMOS
- Up to 1920 x 1080 resolution
- 23X optical zoom
- 120dB WDR, 3D DNR
- IP67 Rated for Outdoor Use
- 316L stainless steel anti-corrosion materials design
- WF-2, C5-M NEMA 4X anti-corrosion standards
- Smart tracking, smart detection, EIS, defog
- Hi-PoE/24VAC power supply



**DS-2DP0818Z-D**  
PanoVu series 180°  
Panoramic+ PTZ Camera

- Four 1/1.9" progressive scan CMOS sensors
- 180° view angle
- 5.7-205.2mm varifocal lens
- 5mm fixed panoramic lens
- Up to 4096 x 1800@30fps
- 36X Optical Zoom
- Ultra-low illumination
- WDR
- 3D intelligent positioning function
- IP66-rated housing



**DS-2AE5230T-A**  
TurboHD 1080P Analog PTZ Dome Camera

- 1/3" HD CMOS sensor
- Up to 1280 x 720 resolution
- +/- 0.1° preset accuracy
- Self adaptive to Hikvision, Pelco-P/D protocol
- 3D intelligent positioning function
- Built-in temperature sensor with display of internal temperature
- Lightning protection, surge protection, and voltage transient protection
- IP66 rated weatherproof
- EC60068-2-75 test, Eh, 20J; EN50102, up to IK10 impact protection
- RS-485 communications diagnosis • Up the coax function





**DS-KV8X02-IM**  
IP Video Door Station



- DS-KV8102-IM:** 1 Channel  
**DS-KV8202-IM:** 2 Channel  
**DS-KV8402-IM:** 4 Channel
- 1.3MP resolution camera
  - 120° angle of view
  - Support for full-time 24/7 preview and video • SOC Processor
  - Video Intercom and Access Control
  - Built-In IC Card Reader; Supports External Card Readers
  - One-Touch Calling • Remote Reboot and Upgrade • Time Synchronization via NTP
  - Batch Configuration • Remotely Unlock via Client or App
  - Remotely Answer Call via Client or App

**DS-K2600**  
Network Access Controller



- TCP/IP Network Communication, with Self-Adaptive Network Interface.
- Encrypted Communication Data
- 100,000 (Expanded to 200,000) Card Info, 300,000 (Expand to 600,000) access Control Events
- Multi-Door Interlocking (DS-K2602 and DS-K2604), Anti-Passback, Multi-Card, First Card, Super Card, and Super Password
- Zone Alarm Input
- RS-485 and Wiegand Card Reader Interfaces

**DS-KB8112-IM**  
Vandalproof IP Video Door Station



- 1/3" Progressive Scan CMOS, Color, Day/Night
- Field of view: 80° (Horizontal), 44° (Vertical)
- Communicates with Master Station and Indoor Station
- Access Control Function
- Supports Multiple Door Opening Modes
- Two-Way, Full Duplex Audio
- 16 ft (5 m) IR Range
- High-Performance SOC Processor
- IK9 and IP66
- Power-over-Ethernet (IEEE 802.3af Standard POE)

**DS-K1T105**  
Standalone Access Control Terminal



- 2.8-inch LCD Screen
- 320x240 LCD-TFT Display Screen
- Supports TCP/IP, Wi-Fi, and Ehome Protocols
- Built-in Micro SD Card: Max.32GB
- Face Detection and Picture Capture Camera
- Multiple Door Opening Modes (Card, Card + Password, Exit Button, etc.)
- Optional model capable of serving as a card reader (DS K1T105E/E-C)

**DS-KH8301-WT**  
Video Intercom Indoor Station with 7-inch Touch Screen and Built-In Camera



- 7-inch TFT Color LCD with 1024 x 600 Resolution
- CMOS 0.3 MP, Mechanical Switch
- Capacitive Touch Screen
- 8-ch Alarm Input Sensors
- Uploads Alarms to Master Station, Client, or App
- Noise Suppression and Echo Cancellation
- Monitors Door Stations and External Cameras
- Remote Door Unlocking via Client or App
- High-Performance SOC Processor • MicroSD Card Support

**DS-K1102E/EK** Card Reader

- DS-K1102E:** Card Reader  
**DS-K1102EK:** Card Reader with Keypad



- LED Reader Status Indicator
- Dust Proof and Water Resistant
- With Dip Switch
- Tamper-Resistant Alarm
- Backlit Keypad (Option)
- RS-485 and Wiegand (W26/W34) Protocols
- 125 KHz card reading module

**DS-KH8300-T**  
IP Intercom Indoor Station with 7-inch Touch Screen



- 7-inch TFT Color LCD with 1024 x 600 Resolution
- Capacitive Touch Screen
- 8-ch Alarm Input Sensors
- Uploads Alarms to Master Station, Client, or App
- Noise Suppression and Echo Cancellation
- Monitors Door Stations and External Cameras
- Remote Door Unlocking via Client or App
- High-Performance SOC Processor • MicroSD Card Support

**DS-K1102M/MK**  
Card Reader

- DS-K1102M:** Mifare Card Reader  
**DS-K1102EK:** Mifare Card Reader with Keypad
- LED Reader Status Indicator
  - Dust Proof and Water Resistant
  - With Dip Switch
  - Tamper-Resistant Alarm
  - Backlit Keypad (Option)
  - RS-485 and Wiegand (W26/W34) Protocols
  - 13.56 MHz card reading module





- DS-7608NI-I2/8P 8-Channel Embedded Plug & Play NVR**
- Up to 12 Megapixel Resolution Recording • 80 Mbps Incoming Bandwidth
  - Supports H.264, H.264+, H.265 and H.265+
  - HDMI and VGA independent outputs provided
  - HDMI video output up to 4K (3840\*2160)
  - 8-ch Network Cameras Can Be Connected
  - 2x SATA HDD, 2 SATA interface for 2 HDD • Up to 6TB capacity for each HDD
  - Plug & Play w/Up to 8 Independent PoE Network Connections
  - Supports Network Detection, Including Network Delay, Packet Loss
  - Alarm and Audio I/O



- DS-7616NI-E2/16P 16-Channel Embedded Plug & Play NVR**
- Up to 6 Megapixel Resolution Recording
  - 160 Mbps Incoming Bandwidth
  - Supports H.264+ and H.264
  - Synchronous HDMI and VGA Output 1920 x 1080p Resolution
  - 16-ch Network Cameras Can Be Connected
  - 2x SATA HDD, 2 SATA interface for 2 HDD • Up to 6TB capacity for each HDD
  - Plug & Play w/Up to 16 Independent PoE Network Connections
  - Supports Network Detection, Including Network Delay, Packet Loss
  - Alarm and Audio I/O



- DS-7732NI-I4/16P 32-Channel Embedded Plug & Play NVR**
- Up to 12 MP Recording Resolution
  - HDMI Output at up to 4K (3840 x 2160) Resolution
  - 32 IP Camera Inputs, 256 Mbps Bandwidth
  - H.265+ / H.265 / H.264+ / H.264 / MPEG4 Compression
  - HDMI Video Output Up to 4K (3840 x 2160)
  - Independent HDMI and VGA Outputs
  - 4x SATA HDD, 4 SATA interface for 4 HDD
  - Capacity: Up to 6TB capacity for each HDD • DVD-RW Option
  - Smart Search and Smart Playback • Alarm and Audio I/O
  - 16 Independent PoE Network Interface Camera Connections



- DS-9016HUHI-F8/N 16-Channel TurboHD DVR**
- H.264+ and Dual-Stream Video Compression
  - Hot-Swappable HDD Support for RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10
  - 8x SATA HDD, 8 SATA interface for 8 HDD
  - Up to 6TB capacity for each HDD
  - Full Channel Recording at up to 3 MP
  - Full Channel 1080p Real-Time Recording
  - HDMI1 and VGA Output up to 1920 x 1080
  - HDMI2 Output up to 3840 x 2160
  - Long Over-the-Coax Transmission Distance
  - 8/16-ch Synchronous Playback



- DS-7308HUHI-F4/N 8-Channel TurboHD DVR**
- H.265+/H.265/H.264+/H.264 and Dual-Stream Video Compression
  - Supports HD-TVI and Analog Cameras
  - Full Channel Recording at up to 5 MP
  - Full Channel 1080p Real-Time Recording
  - 4x SATA HDD, 4 SATA interface for 4 HDD
  - Up to 6TB capacity for each HDD
  - HDMI and VGA Output up to 3840 x 2160
  - Long Over-the-Coax Transmission Distance
  - 8/16-ch Synchronous Playback



- DS-7316HUHI-F4/N 16-Channel TurboHD DVR**
- H.265+/H.265/H.264+/H.264 and Dual-Stream Video Compression
  - Supports HD-TVI and Analog Cameras
  - Full Channel Recording at up to 3 MP
  - Full Channel 1080p Real-Time Recording
  - 4x SATA HDD, 4 SATA interface for 4 HDD
  - Up to 6TB capacity for each HDD
  - HDMI and VGA Output up to 3840 x 2160
  - Long Over-the-Coax Transmission Distance
  - 8/16-ch Synchronous Playback



- DS-A82024D Network Storage Device**
- Up to 24 SATA hard disks (hot swap) can be installed; Up to 64TB capacity is supported for each device and 3-level expansion cabinet can be cascade connected; Up to 256TB capacity supported for each system
  - Supports multiple recording types, including continuous recording, manual recording, main and sub stream recording; motion recording, sensor alarm recording, video loss alarm recording, etc.
  - Search, play back, download record files by type or time
  - RAID 0, 1, 3, 5, 6, 10, 50, JBOD, Hot-Spare



- DS-AJ6816S Enterprise-Class SAS Enclosure**
- Up to 16 SATA hard disks (hot swap) can be installed
  - Mini SAS with transmittability 4 times faster than 6G.
  - Supports cascading expansion.
  - Supports 4 types HDD interfaces, including SATA I, SATA II, SATA III and SAS.
  - Up to 6TB capacity for each HDD.

# TERMS and CONDITIONS

## ORDERING

Orders may be placed via phone, fax, email or on our web site. In most cases, orders placed by 4:30 PM East Coast Time are shipped the same day.

Target is an authorized GSA contractor for many product lines. Call for information regarding government, educational and institutional sales. Some orders may be subject to a processing fee. Consult your salesperson for details.

## MINIMUM ORDERS

Minimum shippable order is \$50.00.

## SPECIAL ORDERS

**Special orders are non-cancellable and require a 20% deposit.**

## SHIPPING

We utilize UPS, Federal Express, direct courier and common carrier. Your requests for special handling such as Next Day Red, Second Day Blue, etc. are gladly accepted. Target is not responsible for any damages incurred from the performance of these carriers. All fuel surcharges will be passed on to our customers as they are imposed by the carrier on all shipments alike. Plasma, LCD and projection TVs over 42 inches must be shipped via common carrier.

## FREIGHT

Shipments are freight collect, Germantown, Maryland. Residential-based businesses are subject to carriers' residential rates. All freight charges are subject to carrier's dimension/oversize/weight regulations. Shipping charges are non-refundable. Customer is responsible for all freight charges for delivery on shipments that are not accepted or refused. **Refused shipments will be charged a 15% restocking fee.** All claims for shortages or mis-shipments must be made within 7 days of receipt and will be audited before settlement.

## PAYMENT

All orders are shipped COD Certified Funds, which include Bank Check, Cashier's Check or Money order, unless you have previously been approved for Company Check, COD or Net Terms. UPS no longer accepts Cash or Certified Check. You hereby authorize that all returned checks and all past due invoices will be made good via your on-file credit card information. Visa, MasterCard, Discover and

American Express are accepted. Credit card orders will only be accepted from individuals who are authorized by the cardholder, in writing to Target Distributing, to place such orders. **Credit card payments on past due invoices will be assessed a charge of 3% to offset the loss of cash discount per original payment terms.** Payment by check is an automatic authorization to Target to ACH (Automated Clearing House) your check.

## TERMS

Accounts may be established as either Company Check, COD or Net Terms. A Target "Profile Sheet" must be completed and approved to allow Company Check COD or credit card. A Target "Full Credit Application" must be completed and approved to allow Net 30 Day payment terms. No shipments will be made to any past due accounts. If a delinquent account is sent to collections, the customer will be responsible for all collection charges and associated legal fees. All open Net Accounts hereby agree that any and all past due amounts may be collected via the account holder's on-file credit card and a 3% service charge will be assessed and agreed to by the account holder to offset the loss of cash discount per the original terms.

## CLAIMS

All claims for damage or loss are to be made through the freight carrier. If your package arrives with exterior damage or signs of tampering, notify the carrier while on site. (Note: You **must** retain all boxes, packaging, instructions, etc.)

## RETURN POLICIES

As a Wholesale Distributor, Target is bound by the return policies of the various manufacturers we represent. Call for specific policies. **Returned non-defective merchandise is subject to a 15% re-stocking charge.** All returns are for credit only. Plasma, LCD and projection TVs are not returnable to Target for any reason.

## DEFECTIVE MERCHANDISE

**Telecom/Datacom/Conferencing/Security** Most merchandise purchased from Target Distributing's Telecom and/or Security Division(s) that is initially defective within 30 days of invoice may be eligible for replacement. Other products are handled as required by the manufacturer. This may include returning it directly to the manufacturer for repair or replacement. **Defects that occur after 30 days from invoice date are covered by the manufacturer's limited warranty only.**

## Audio/Video

All hardware that is defective, either initially or within Warranty, is handled directly with the manufacturer in accordance with their limited warranty policies, and not through Target Distributing. Please turn to page 2 of this catalog for a listing of manufacturer's help numbers.

## RETURN AUTHORIZATION (RA) and CONDITIONS

**No product will be accepted for return to Target Distributing without an "RA" number and "RA" form signed by the customer. Merchandise returned without a signed "RA" form will remain the property of the customer and will not be accepted or credited against their open account.**

The disposition of all "RA" numbers is conditional until inspected and accepted by Target. All returns must be shipped freight prepaid and **double boxed** with the "RA" number displayed prominently on the outside of the shipping carton along with the number of cartons shipped (ex. 1 of 4, 2 of 4, etc.). All returns must be complete with original boxing, parts, adapters, accessories, instructions and warranty cards. "RA" Numbers must be obtained from your Target Distributing Sales person before returning product to Target. Your invoice information must be provided by you when requesting an "RA" number. **All "RA" numbers are valid for 30 days only.** When authorization for return is issued by Target Distributing, you, as the account, certify that the merchandise being returned is the same current product, with the same serial number as shipped, complete and in the same new condition as when received from Target Distributing. On the aforementioned returned products, and for which Target Distributing does not receive credit from its vendors due to "out-of-warranty", initial failure, abuse or incomplete, you agree to accept those products back from Target Distributing and remit immediate payment to Target Distributing. In some cases, the manufacturer's warranty guidelines may supersede any Target Distributing Policies. Target Distributing does not handle repairs. Returns will be credited at the price paid on the invoice or the current selling price, whichever is lower, less any re-stocking charge.

**Products that have been abused will not be accepted by Target Distributing for credit or replacement.**

In some cases, the manufacturer's warranty guidelines may supersede any Target Distributing Policies.

## LIMITATION OF LIABILITY

Target Distributing (Seller) passes along to its customers solely those warranties extended by its vendors. Seller does not itself warrant any product which it sells. There are no warranties, express or implied, of merchantability, or fitness for a particular purpose or otherwise, which extend beyond the description on the face hereof. In no case shall seller be liable to anyone for any consequential or incidental damages for breach of this or any other warranty, express or implied, or upon any other basis of liability whatsoever, even if the loss or damage is caused by its own negligence or fault. Seller does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the products will in all cases provide adequate warning or protection.

## SECURITY PRODUCTS

### LIMITATION OF LIABILITY

Customer understands that properly installed and maintained security devices may only reduce the risk of a burglary, robbery or fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result. Consequently, seller shall have no liability for any personal injury, property damage or other loss based on a claim the product failed to give warning. However, if it is held liable, whether directly or indirectly, for any loss or damage with respect to the products it sells, regardless of cause or origin, its maximum liability shall not in any case exceed the purchase price of the product, which shall be the complete and exclusive remedy against Seller.

**By placing an order, customer accepts all terms, conditions and policies herein. All customers agree that the Terms and Conditions updates herein become a part of the customer's previously signed agreement.**

## PRICING & PRODUCTS IN THIS CATALOG ARE AVAILABLE TO QUALIFIED RESELLERS ONLY

*If you have any suggestions on ways that we can better serve you, please let us know. We consider it a privilege to be of service to you and believe that you are our greatest business asset.*

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## COMMUNICATIONS FOR PEAK PERFORMANCE



**Simple. Mobile. Affordable. Expandable.**

Whether you have 5 phones or 50, **now you can have it all** – with the versatile Vertical Summit™ unified communications (UC) platform.

More than a simple phone system, the Summit gives you **cost-effective options** that add up to real-time communications and bottom-line business benefits with the ability to easily – and affordably – migrate from analog to IP for true mobility and more.

**Simple to set up and administer**, the Summit's optimized IP/TDM hybrid architecture gives you all the standard features you need while supporting more advanced UC and mobility applications, so you can **communicate and collaborate seamlessly** wherever your business takes you.

Read more about the **Vertical Communications Platform**  
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# ZULTYS

## ***Why Should You Sell Zultys?***

### **A Product That Works**

"A product that is both cost effective, easy to use and offers advanced presence and enhanced mobility features."

- Ray Miller, R&R Voice and Data Zultys Agent since 2016

### **Unmatched Flexibility**

"If a customer wants a Zultys MX Server and depreciate it as an asset over time - they can! If they want to install it into their own VMware environment - they can! If they want to install it into their Microsoft Hyper V environment they can! Lastly, if they want to go into the Hosted Model - they can and they can then write the monthly payments as off-balance sheet in their books! All four of these solutions are the exact same software and from a technical standpoint there is no extra technical training once you certify on one of the above solutions! Very Nice!"

- John Thomas, Ideacom of Central North Carolina Zultys Channel Partner since 2007

### **Reliable Support**

"The Sales support from Zultys is fantastic. The Zultys team is always willing to work with us to help secure and maintain customers. Whether it means a lunch and learn for prospects, coming to a product demo, escalating support when our team encounters something new, they are always there for us."

- Fadi Abdalla, The Brookfield Group Zultys Channel Partner since 2010

## **Interested? Call Target Today!**