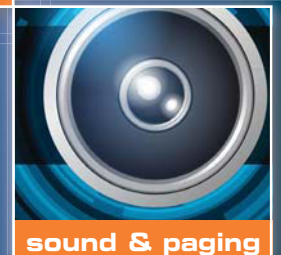


The Security Catalog 2012-2013



who is CSC?

Founded in 1972, Communications Supply Corporation (CSC), a subsidiary of WESCO International, Inc. (NYSE: WCC), distributes a full range of security and data communications solutions. Together, CSC and WESCO form the largest electrical, security and data communications network in North America, with 400 full-service branches and an international network designed to scale.

With vast resources at their fingertips, the CSC sales team does more than just provide product. Our tenured sales force has a passionate commitment to understanding your unique business needs and will strive every day to get you the best products, the most robust technical expertise and the most cost-effective logistics solutions available in the data communications distribution business.

why CSC?

it's simple. our people, passion, and expertise.

That's why customers choose CSC. They know our team will do whatever it takes to make them successful each and every day. They value the passion we put into everything we do, and realize — when their jobs are on the line — we'll be there with the answers they need. They view us as their trusted advisor, who can help them make the transition from legacy infrastructure technologies to state-of-the-art IP solutions. It's really that simple. More and more companies turn to CSC because of our people, passion, and expertise.

services

CSC's distribution services help customers increase productivity and reduce costs by identifying and deploying services based on their specific project requirements. CSC offers an extensive range of services to fit your needs, including:

- 24/7 Customer Service & Support
- e-Business Solutions
- Rapid Return Program
- Expedited Product Sourcing
- Feed-the-Job Delivery
- Project Staging
- Kitting & Labeling
- Strategic Sourcing & Supplier Selection
- Flexible Financing
- Technology Training and Education
- Custom & Consolidated Reporting
- Job Trailers
- Energy and Power Audits
- Recycling Services
- Integrated Supply
- Real-Time National Network
- Cut-to-Length Cabling Services

solutions

CSC distributes a wide range of products to support commercial, residential and government customer applications, including:

- Network Cabling & Connectivity
- Network Cabinets & Racks
- Data Center Products & Solutions
- Networking Electronics & Wireless
- Low-Voltage Cabling
 - ReelSimple
- Security Solutions
 - FTL Server & Storage
 - Sound & Paging
 - Video Surveillance
 - Notification
 - Professional Audio/Visual
 - Access Control
- Power, Cooling & Monitoring
- Power over Ethernet (PoE)
- Test Equipment
- Outside Plant Solutions
- Smart Grid Solutions
- FTTx (fiber to the home or business)
- Distributed Antenna Systems (DAS)

people, passion,
AND expertise.

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Built *to* Build

Your IP Security Business



As your partner, our commitment goes beyond localized inventory of the most innovative security solutions in today's market. We are *Built-to-Build* your IP security business with unique, value-added services that create demand, enhance your productivity, and optimize your business. This is why CSC has quickly become the most trusted and fastest growing security partner in the business.



CREATE DEMAND

We generate opportunities and provide qualified leads for our integrator partners. Oh, and we won't sell direct.



ENHANCE PRODUCTIVITY

Our unique products, tools and value added services will minimize your on site labor costs, reduce out-of-box failures and improve your bottom line.



OPTIMIZE BUSINESS

Enhance the efficiency of your business. Our logistics experience decreases cost of ownership without compromising your quality of service.



REWARD LOYALTY

We appreciate your business and reward your continued support through our loyalty program; affording you the opportunity to recognize your top sales people and customers.



Best-in-Class Distribution Services

- Logistics Support
- Expedited Product Sourcing
- Job Trailers
- Feed-the-Job Delivery
- Local Stock
- Technical Support
- Integrated Supply
- Flexible Financing
- Product Training
- eBusiness Tools





In recent years, we've broadened the range of products and services we can offer to you. Whether you're a long-time CSC customer or just getting to know us through your relationship with WESCO or Carlton-Bates, you will benefit by leveraging our entire portfolio of products and services from our expanded family of companies.

the WESCO advantage

Broad Product Offering: Streamline your supply chain with WESCO's extensive offering of electrical, communications, industrial, general maintenance, repair, and operations, and OEM products.

Value Creation Solutions: Improve productivity and reduce operating costs by taking advantage of WESCO's broad range of service solutions, such as job site trailers, energy audits, engineering services, and integrated supply.

Local Presence: WESCO has seven Distribution Centers and a network of 400 Branches in North America and select international locations to serve your company, wherever your facilities are located.

Financial Stability: As a Fortune 500 Company, WESCO has the financial strength to operate effectively, even under the most challenging economic conditions.

Competitive Advantage: WESCO will help you improve your bottom line with our extensive buying power with leading manufacturers and one of the lowest operating costs in the distribution industry.

Proven Track Record: A majority of Fortune 500 Companies — leaders across a broad range of industries — utilize WESCO as a "one-stop shop" for their electrical and MRO needs.

Continuous Improvement Culture: We know there is always more we can do to improve your business and WESCO experience. We will continue listening to your needs and responding with value-added solutions.

serving customers from a wide range of markets

- Commercial, Institutional and Governmental (CIG) organizations
- Contract Manufacturers (CM, EMS, ODM) that provide electronic outsourcing services
- Data Communications contractors
- Security Integrators
- Industrial companies in numerous manufacturing and process industries
- Original Equipment Manufacturers
- Electrical Contractors for industrial, commercial, institutional, residential and municipal projects
- Manufactured Structures companies
- Military and Government installations
- Utilities



the one place where you can get it all

- Alternative Energy
 - MicroTurbine Generator
 - Solar Panels
 - Wind (“Balance of System”)
- Audio/Visual
- Pro AV Solutions
- Voice, Paging, and Sound Products
- Residential Solutions
- Automation and Control
- Bar Code Printers, Scanners, and Software
- Boxes and Enclosures
- Circuit Breakers
- Conduit and Raceway
- Controls, Relays, and Timers
- Data Communications Infrastructure Solutions
 - Cable – copper and fiber optic
 - Cable Management Solutions
 - Equipment Racks and Cabinets
- Drives and Logic Control
- Electrical Distribution Equipment
- Enclosures
- Fans, Heaters, and Ventilation Equipment
- Fittings
- Fuses and Circuit Breakers
- Handheld Products
- Illumination/Indicators
- Industrial and Maintenance Supplies
- Installation Supplies
- Lamps, Fixtures, and Ballasts
- Low-Voltage Specialty Wire and Cable
- Machine Safety Products
- Material Handling
- Motors
- Non-Electrical MRO
- Outside Plant Products
- Physical Security Solutions
- Power Distribution and Protection
- Power Supplies
- Relays
- Sensors
- Surge and Power Protection
- Switches
- Termination, Tape, Splicing, and Marking
- Tools and Testers
- Transformers
- Wire and Cable
 - Tray Cable: VNTC, XLP/PVC, FREP/CPE, LSOH
 - Medium Voltage: 5-35kV EPR/PVC, EPR/CPE
 - Portable Power and Control: SOO, DLO, G-GC, Welding
 - 600V Power: THHN, XHHW, LSOH, RHW, XLP-USE, EPR/HYP
- Belden Industrial Automation and Instrumentation
- Wireless Networking Solutions
- Wiring Devices

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Electrical Products



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Data Communications and Physical Security Solutions



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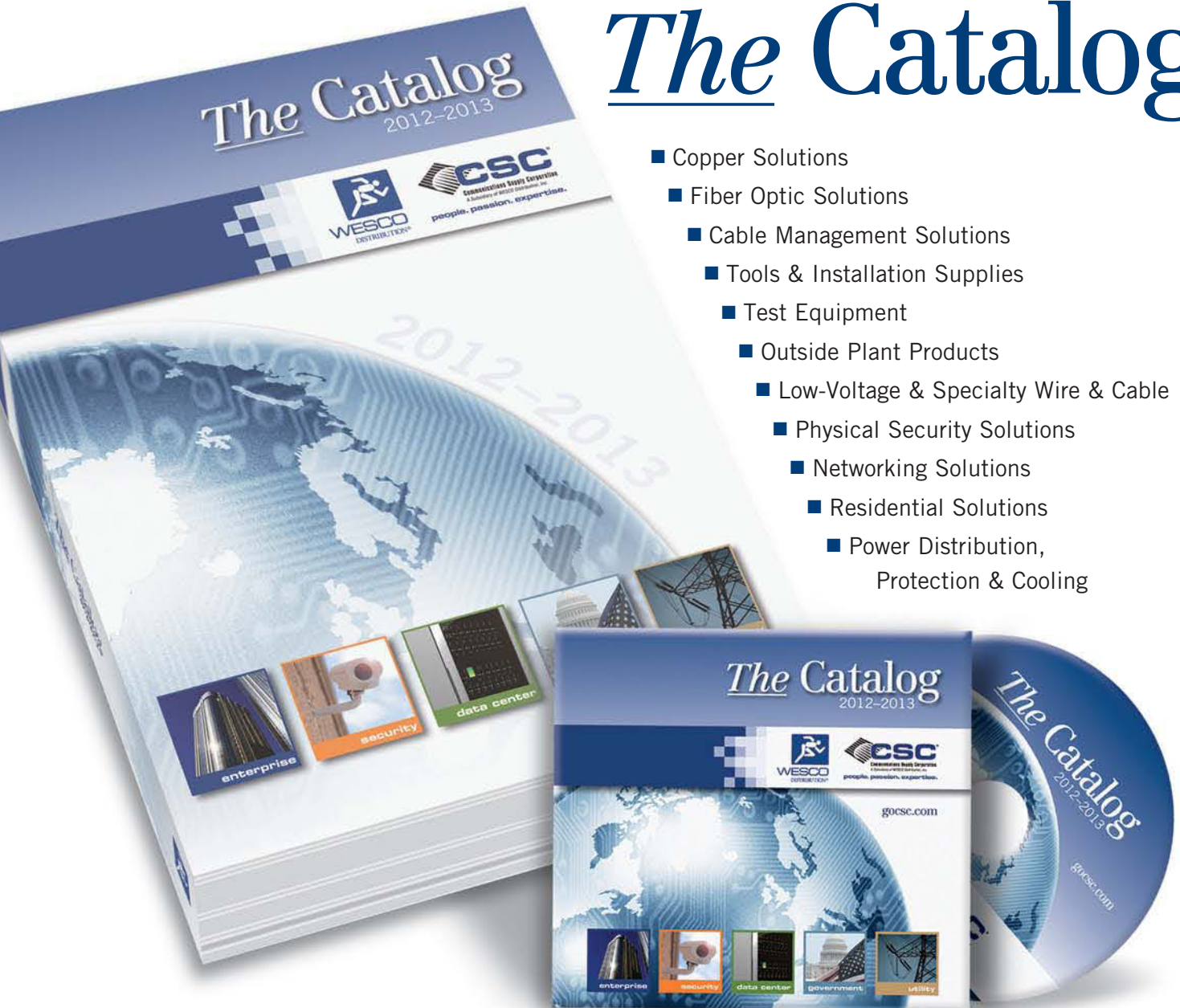


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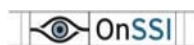
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 - Residential Solutions
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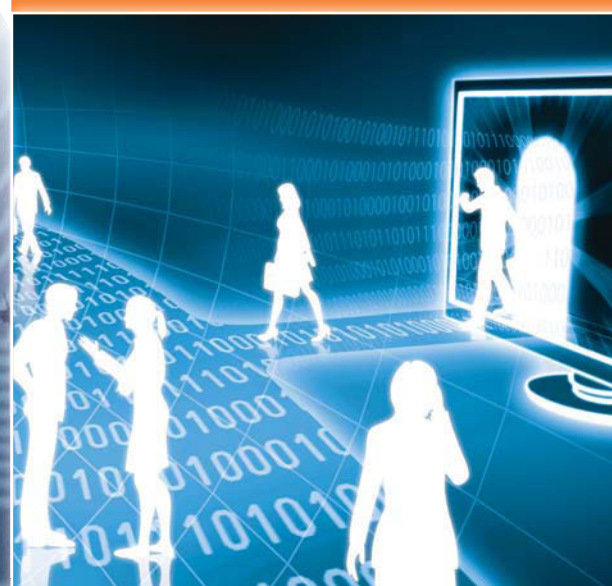
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SurroundVideo® Megapixel IP Cameras

H.264 SurroundVideo Series is an all-in-one solution consisting of an 8 or 20 megapixel panoramic dual encoder (H.264 and MJPEG) camera and vandal-resistant dome with 180° and 360° configurations.

Features

- All-in-one H.264 SurroundVideo Solution
- Color and day/night options
- IP66 and vandal resistant dome, IK10 rated
- Fast megapixel image rates: 3.5 fps @ 20MP and 6 fps @ 8MP
- Hard ceiling mount and surface mount standard, pendant mount, junction box adapter and wall mount optional

Benefits

- A single 8 MP SurroundVideo panoramic camera can replace up to 24 conventional cameras with the ability to zoom into multiple regions of interest
- Cost-effective solution for applications in which PTZ devices might be used or multiple cameras would be needed to view expansive coverage areas
- Compliant implementation of H.264 allows full frame rates and full resolution without sacrificing image quality
- Adjustable 2-axis gimbal provides 360° pan and 90° tilt adjustment to achieve full coverage
- Extended motion detection provides a higher-granularity grid of 1024 distinct motion-detection zones per channel



AV20185DN



AV20365DN



MFR. PART NO.	DESCRIPTION
AV8185CO	8 Megapixel H.264 180° Panoramic Color Only SurroundVideo IP Camera
AV8365CO	8 Megapixel H.264 360° Panoramic Color Only SurroundVideo IP Camera
AV20185CO	20 Megapixel H.264 180° Panoramic Color Only SurroundVideo IP Camera
AV20365CO	20 Megapixel H.264 360° Panoramic Color Only SurroundVideo IP Camera
AV8185DN	8 Megapixel H.264 180° Panoramic Day/Night SurroundVideo IP Camera
AV8365DN	8 Megapixel H.264 360° Panoramic Day/Night SurroundVideo IP Camera
AV20185DN	20 Megapixel H.264 180° Panoramic Day/Night SurroundVideo IP Camera
AV20365DN	20 Megapixel H.264 360° Panoramic Day/Night SurroundVideo IP Camera
AV8185CO-HB	8 Megapixel H.264 180° Panoramic Color Only SurroundVideo IP Camera with Heater/Blower
AV8365CO-HB	8 Megapixel H.264 360° Panoramic Color Only SurroundVideo IP Camera with Heater/Blower
AV20185CO-HB	20 Megapixel H.264 180° Panoramic Color Only SurroundVideo IP Camera with Heater/Blower
AV20365CO-HB	20 Megapixel H.264 360° Panoramic Color Only SurroundVideo IP Camera with Heater/Blower
AV8185DN-HB	8 Megapixel H.264 180° Panoramic Day/Night SurroundVideo IP Camera with Heater/Blower
AV8365DN-HB	8 Megapixel H.264 360° Panoramic Day/Night SurroundVideo IP Camera with Heater/Blower
AV20185DN-HB	20 Megapixel H.264 180° Panoramic Day/Night SurroundVideo IP Camera with Heater/Blower
AV20365DN-HB	20 Megapixel H.264 360° Panoramic Day/Night SurroundVideo IP Camera with Heater/Blower

MegaVideo® Compact Megapixel IP Cameras

H.264 Compact MegaVideo Series in 1.3, 3, 5 and 10 megapixel and 1080p formats has been designed to address the cost-sensitive market as well as environmental housings that require more compact camera and lens configurations. This MegaVideo series is one of the fastest frame rate cameras on the market with color, day/night and auto-iris configurations.

Features

- 1.3, 3, 5 and 10 megapixel and 1080p color, day/night and auto-iris cameras
- Casino Mode™ on 1080p models
- Support both H.264 and MJPEG at full resolutions and frame rates
- Fast frames rates: 7 fps @ 10MP, 14 fps @ 5MP, 21 fps @ 3MP, 32 fps @ 1080p, 42 fps @ 1.3MP
- Privacy mask, extended motion detection and PSIA compliance

Benefits

- Increased resolution and coverage with fewer cameras provide maximum return on investment
- Compliant implementation of H.264 allows full frame rates and full resolution without sacrificing image quality
- H.264 and MJPEG dual compression support with simultaneous streaming
- Lower bandwidth and storage than MJPEG
- Extended motion detection provides a higher-granularity grid of 1024 distinct motion-detection zones per channel



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
AV1115	1.3 Megapixel H.264 MegaVideo Compact IP Camera	AV5115	5 Megapixel H.264/MJPEG MegaVideo Compact IP Camera
AV1115AI	1.3 Megapixel H.264 Auto Iris MegaVideo Compact IP Camera	AV5115AI	5 Megapixel H.264 Auto Iris MegaVideo Compact IP Camera
AV1115DN	1.3 Megapixel H.264 Day/Night MegaVideo Compact IP Camera	AV5115DN	5 Megapixel H.264 Day/Night MegaVideo Compact IP Camera
AV2115	1080p H.264 MegaVideo Compact IP Camera	AV10115	10 Megapixel/1080p H.264 MegaVideo Compact IP Camera
AV2115AI	1080p H.264 Auto Iris MegaVideo Compact IP Camera	AV10115AI	10 Megapixel/1080p H.264 Auto Iris MegaVideo Compact IP Camera
AV2115DN	1080p H.264 Day/Night MegaVideo Compact IP Camera	AV10115DN	10 Megapixel/1080p H.264 Day/Night MegaVideo Compact IP Camera
AV3115	3 Megapixel H.264 MegaVideo Compact IP Camera		
AV3115AI	3 Megapixel H.264 Auto Iris MegaVideo Compact IP Camera		
AV3115DN	3 Megapixel H.264 Day/Night MegaVideo Compact IP Camera		

H.264 D4F/D4S/D4SO Megapixel IP Cameras

H.264 D4F/D4S/D4SO Megapixel IP Cameras are 1.3, 3 and 5 megapixel and 1080p indoor or outdoor all-in-one dome cameras, and are available in both color and day/night models with either surface mount or in-ceiling configurations. The D4 Series delivers the highest quality megapixel imaging at competitive prices.

Features

- 1.3, 3 and 5 megapixel and 1080p resolutions
- Integrated 3.3–12mm megapixel vari-focal lens
- Surface mount (D4S) or in-ceiling mount (D4F) indoor configurations; surface mount (D4SO) outdoor configurations
- Casino Mode™ in 1080p models (maintains 30 fps or higher)
- Binning for increased sensitivity in 3MP and 5MP versions

Benefits

- Increased resolution and coverage with fewer cameras provide maximum return on investment
- Compliant implementation of H.264 allows full frame rates and full resolution without sacrificing image quality
- H.264 and MJPEG dual compression support with simultaneous streaming
- Lower bandwidth and storage than MJPEG
- Extended motion detection provides a higher-granularity grid of 1024 distinct motion-detection zones per channel



MFR. PART NO.	DESCRIPTION
D4F-AV1115-04	AV1115 + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome
D4F-AV1115DN-04	AV1115 Day/Night + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome
D4S-AV1115-04	AV1115 + MPL4.0 Vari-Focal and D4S Flush Mount Indoor Dome
D4S-AV1115DN-04	AV1115 Day/Night + MPL4.0 Vari-Focal and D4S Surface Mount Indoor Dome
D4F-AV2115-04	AV2115 + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome, Casino Mode
D4F-AV2115DN-04	AV2115 Day/Night + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome, Casino Mode
D4S-AV2115-04	AV2115 + MPL4.0 Vari-Focal and D4S Surface Mount Indoor Dome, Casino Mode
D4S-AV2115DN-04	AV2115 Day/Night + MPL4.0 Vari-Focal and D4S Surface Mount Indoor Dome, Casino Mode
D4F-AV3115-04	AV3115 + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome
D4F-AV3115DN-04	AV3115 Day/Night + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome
D4F-AV1115-3312	AV1115 + MPL33-12 Vari-Focal and D4F Flush Mount Indoor Dome
D4F-AV1115DN-3312	AV1115 Day/Night + MPL33-12 Vari-Focal and D4F Flush Mount Indoor Dome
D4S-AV2115-3312	AV2115 + MPL33-12 Vari-Focal and D4S Surface Mount Indoor Dome, Casino Mode
D4S-AV2115DN-3312	AV2115 Day/Night + MPL33-12 Vari-Focal and D4S Surface Mount Indoor Dome, Casino Mode
D4S-AV3115-3312	AV3115 + MPL33-12 Vari-Focal and D4S Surface Mount Indoor Dome
D4S-AV3115DN-3312	AV3115 Day/Night + MPL33-12 Vari-Focal and D4S Surface Mount Indoor Dome
D4F-AV5115-04	AV5115 + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome
D4F-AV5115DN-04	AV5115 Day/Night + MPL4.0 Vari-Focal and D4F Flush Mount Indoor Dome
D4S-AV5115-04	AV5115 + MPL4.0 Vari-Focal and D4S Surface Mount Indoor Dome
D4S-AV5115DN-04	AV5115 Day/Night + MPL4.0 Vari-Focal and D4S Surface Mount Indoor Dome
D4SO-AV1115-04	AV1115 + MPL4.0 Vari-Focal and D4S Flush Mount Outdoor Dome
D4SO-AV1115DN-04	AV1115 Day/Night + MPL4.0 Vari-Focal and D4S Flush Mount Outdoor Dome
D4SO-AV2115-04	AV2115 + MPL4.0 Vari-Focal and D4S Flush Mount Outdoor Dome, Casino Mode
D4SO-AV2115DN-04	AV2115 Day/Night + MPL4.0 Vari-Focal and D4S Flush Mount Outdoor Dome, Casino Mode
D4SO-AV3115-04	AV3115 + MPL4.0 Vari-Focal and D4S Surface Mount Outdoor Dome
D4SO-AV3115DN-04	AV3115 Day/Night + MPL4.0 Vari-Focal and D4S Surface Mount Outdoor Dome
D4SO-AV5115-04	AV5115 + MPL4.0 Vari-Focal and D4S Surface Mount Outdoor Dome
D4SO-AV5115DN-3312	AV5115 Day/Night+ MPL33-12 Vari-Focal and D4S Surface Mount Outdoor Dome

H.264 MegaDome® IP Cameras

H.264 MegaDome IP megapixel cameras are all-in-one solutions available in 1.3, 2, 3 and 5 MP (MegaDome) and 1.3, 3 and 5 MP and 1080p (MegaDome2). These dome cameras incorporate Arecont Vision's fully compliant implementation of H.264 (MPEG-4 Part 10) compression that averages up to 10 times less bandwidth usage and storage than megapixel counterparts using MJPEG compression.

Features

- All-in-one H.264 MegaDome Solution: integrated H.264 megapixel camera, lens and IP66 dome housing
- Fast frame rates: 42 fps @ 1.3 MP, 21 fps @ 3 MP, 14 fps @ 5 MP, 32 fps @ 1080p (MegaDome2)
- IP66 and vandal-resistant dome, IK10 rated
- Camera gimbal with 360° pan and 90° tilt adjustment
- Remote focus, remote zoom and auto iris (MegaDome2)
- Total PoE solution (no external power for heater) (MegaDome2)

Benefits

- 3-axis gimbal and IP66 vandal-resistant dome
- Dual encoder H.264 (MPEG Part 10) and MJPEG
- Available in 4.5–10mm and 8–16mm IR corrected lens (MegaDome)
- Available in 3–9mm (1.3 MP and 1080p) and 3.6–9mm (3 MP and 5 MP) IR corrected motorized lens (MegaDome2)
- Easy installation



MFR. PART NO.	DESCRIPTION
AV1355	1.3 Megapixel H.264 MegaDome IP Camera
AV1355DN	1.3 Megapixel H.264 Day/Night MegaDome IP Camera
AV1355DN-HK	1.3 Megapixel H.264 Day/Night with Heater/Blower MegaDome IP Camera
AV2155	2 Megapixel H.264 MegaDome IP Camera
AV2155DN	2 Megapixel H.264 Day/Night with Heater/Blower MegaDome IP Camera
AV2155DN-HK	2 Megapixel H.264 Day/Night with Heater/Blower MegaDome IP Camera
AV3155	3 Megapixel H.264 MegaDome IP Camera
AV3155DN	3 Megapixel H.264 Day/Night MegaDome IP Camera
AV3155DN-HK	3 Megapixel H.264 Day/Night with Heater/Blower MegaDome IP Camera
AV5155	5 Megapixel H.264 MegaDome IP Camera
AV5155DN	5 Megapixel H.264 Day/Night MegaDome IP Camera

MFR. PART NO.	DESCRIPTION
AV5155DN-HK	5 Megapixel H.264 Day/Night with Heater/Blower MegaDome IP Camera
AV1255AM	1.3 Megapixel H.264 Day/Night IP MegaDome2 Camera
AV2255AM	Full HD 1080p H.264 Day/Night IP MegaDome2 Camera
AV3255AM	3 Megapixel H.264 Day/Night IP MegaDome2 Camera
AV5255AM	5 Megapixel H.264 Day/Night IP MegaDome2 Camera
AV1255AM-H	1.3 Megapixel H.264 Day/Night IP MegaDome2 Camera with Heater
AV2255AM-H	Full HD 1080p H.264 Day/Night IP MegaDome2 Camera with Heater
AV3255AM-H	3 Megapixel H.264 Day/Night IP MegaDome2 Camera with Heater
AV5255AM-H	5 Megapixel H.264 Day/Night IP MegaDome2 Camera with Heater

H.264 MegaView™ Megapixel IP Cameras

The MegaView Series is an all-in-one solution consisting of an integrated megapixel IP camera, 4.5–10mm IR corrected vari-focal lens, heater/blower, IR illuminator, vandal-resistant bullet-style housing and easily adjustable 3-axis bracket. The MegaView Series is available in 1.3, 3 and 5 megapixel and 1080p configurations with day/night or day/night with IR LED array versions.

Features

- All-in-one H.264 MegaView solution
- Integrated megapixel camera, 4.5–10mm IR corrected varifocal lens, IR illuminator, heater and blower, and IP66 and vandal-resistant bullet-style housing
- Easily adjustable 3-axis bracket
- Fast frame rate: 42 fps @ 1.3MP, 32 fps @ 1080p, 21 fps @ 3MP, 14 fps @ 5MP
- External lens adjustment, including iris, zoom and focus

Benefits

- Day/night capability automatically switches from color to black/white operation to increase sensitivity at night
- Integrated IR LED array for imaging in total darkness
- Compliant implementation of H.264 allows full frame rates and full resolution without sacrificing image quality
- Increased resolution for forensic zooming
- Lower bandwidth and storage than MJPEG



MFR. PART NO.	DESCRIPTION
AV1125IR	1.3 Megapixel H.264 Day/Night with IR Illuminator MegaView IP Camera
AV1125DN	1.3 Megapixel H.264 Day/Night MegaView IP Camera
AV2125IR	1080p H.264 Day/Night with IR Illuminator MegaView IP Camera
AV2125DN	1080p H.264 Day/Night MegaView IP Camera
AV3125IR	3 Megapixel H.264 Day/Night with IR Illuminator MegaView IP Camera
AV3125DN	3 Megapixel H.264 Day/Night MegaView IP Camera
AV5125IR	5 Megapixel H.264 Day/Night with IR Illuminator MegaView IP Camera
AV5125DN	5 Megapixel H.264 Day/Night MegaView IP Camera

ATV Dome and Box Style Cameras

VGA to 2 MP for most IP imaging requirements. Interior and vandal domes, and box cameras with 2-way audio, dual-streaming and PoE — and many with on-board storage, AF and 4-stream options. License-free 64-channel recording VMS-ONVIF.

Features

- Various camera style selections — all ONVIF compatible
- VGA to 2 MP resolutions to fit installation and budget needs
- Dual streaming video for multiple video connections
- On-board edge device recording via SD card
- 64-channel VMS

Benefits

- Cost-effective solution to meet customer's IP camera needs
- Single, full-line manufactured product to ensure compatibility
- ONVIF compatibility ensures proper operation with peripheral equipment
- Factory support and assistance
- License-free VMS reduces cost of ownership



IPFD600



IPVD2MT



MFR. PART NO.	DESCRIPTION
IPFD600	IP Interior Dome, Dual Stream, SD Storage, VGA 640 x 480, 64-Channel VMS, 2.8–12mm, 12/PoE, ONVIF
IPFDD1TW	IP Interior Dome, TDN, WDR, Dual Stream, SD Storage, D1 720 x 480, 64-Channel VMS, 2.8–12mm, 12/24/PoE, ONVIF
IPFD1MT	IP Interior Dome, TDN, Dual Stream, SD Storage, 1.3 MP 1280 x 1024, 64-Channel VMS, 3–9mm, 12/24/PoE, ONVIF
IPFD2MT	IP Interior Dome, TDN, Dual Stream, SD Storage, Full HD 2 MP 1920 x 1080, 64-Channel VMS, 3–9mm, 12/24/PoE, ONVIF
IPVDD1TW	IP Vandal Dome, TDN, WDR, Dual Stream, SD Storage, D1 720 x 480, 2-Way Audio, 64-Channel VMS, 2.8–12mm, 12/24/PoE, ONVIF
IPVD1MT	IP Vandal Dome, TDN, Dual Stream, SD Storage, 1.3 MP 1280 x 1024, 2-Way Audio, 64-Channel VMS, 3–9mm, 12/24/PoE, ONVIF
IPVD2MT	IP Vandal Dome, TDN, Dual Stream, SD Storage, Full HD 2 MP 1920 x 1080, 2-Way Audio, 64-Channel VMS, 3–9mm, 12/24/PoE, ONVIF
IPSDMV22D1	IP 22X PTZ, TDN, WDR, IP LEDs, Dual Stream, SD Storage, D1 720 x 480, 2-Way Audio, 64-Channel VMS, 3.9–85.8mm (22X), 12/24/PoE, ONVIF
IPC560TDN	IP Box Style, TDN, WDR, Dual Stream, D1 720 x 480, 64-Channel VMS, 12/24/PoE, ONVIF
IPC2MT	IP Box Style, TDN, Dual Stream, Full-HD 2 MP 1920 x 1080, 64-Channel VMS, 12/24/PoE, ONVIF

NOTE: Contact your local CSC Representative for additional products.



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Find us on these sites as well:   

AXIS M32 Network Camera Series

- Excellent image quality, including HDTV
- Multiple H.264 and Motion JPEG streams
- PoE
- Pixel counter verifies required pixel resolution



MFR. PART NO.	DESCRIPTION
0336-001	AXIS M3203, SVGA Resolution, Tamper-Resistant Casing
0345-001	AXIS M3203-V, SVGA Resolution, Vandal-Resistant Casing
0337-001	AXIS M3204, HDTV 720p/1 MP Resolution, Tamper-Resistant Casing
0346-001	AXIS M3204-V, HDTV 720p/1 MP Resolution, Vandal-Resistant Casing

AXIS P33 Network Camera Series

The AXIS P33 Network Camera Series is specifically designed for efficient installation in both indoor and harsh outdoor environments. The unique remote focus and zoom functionalities, as well as the ability for the cameras to operate in extreme climates using standard PoE (IEEE 802.3af), save valuable installation time and make the cameras fit any project and environment. The AXIS P33 Series meets demanding requirements for superb video quality, on-board storage and intelligence.

- High-performance video, including HDTV quality
- Multiple H.264 and Motion JPEG video streams
- Easy installation with remote focus and zoom
- Outdoor-ready models support extended temperature range
- Compact and discreet design



MFR. PART NO.	DESCRIPTION
0307-031	AXIS P3343 12mm Network Camera
0307-001	AXIS P3343 6mm Network Camera
0308-031	AXIS P3343-V 12mm Network Camera
0308-001	AXIS P3343-V 6mm Network Camera
0299-031	AXIS P3343-VE 12mm Network Camera
0299-001	AXIS P3343-VE 6mm Network Camera
0326-041	AXIS P3344 12mm Network Camera
0326-001	AXIS P3344 6mm Network Camera

MFR. PART NO.	DESCRIPTION
0327-041	AXIS P3344-V 12mm Network Camera
0327-001	AXIS P3344-V 6mm Network Camera
0325-041	AXIS P3344-VE 12mm Network Camera
0325-001	AXIS P3344-VE 6mm Network Camera
0369-001	AXIS P3346 Network Camera, Indoor
0370-001	AXIS P3346-V Network Camera, Vandal-Resistant Indoor Casing
0371-001	AXIS P3346-VE Network Camera, Vandal-Resistant Outdoor Casing

AXIS M11 Network Camera Series

Features

- Excellent image quality
- Compact design
- Digital PTZ
- Pixel counter

Benefits

- Multiple H.264 and Motion JPEG streams
- Intelligent video capabilities
- Advanced security and network management



MFR. PART NO.	DESCRIPTION
0329-001	AXIS M1103 2.8mm Fixed Focal Lens, SVGA Resolution
0366-001	AXIS M1103 6mm Fixed Focal Lens, SVGA Resolution
0339-001	AXIS M1104 2.8mm Fixed Focal Lens, HDTV 720p/1 MP Resolution

MFR. PART NO.	DESCRIPTION
0367-001	AXIS M1104 6mm Fixed Focal Lens, HDTV 720p/1 MP Resolution
0340-001	AXIS M1113 Varifocal DC-Iris Lens, SVGA Resolution
0341-001	AXIS M1114 Varifocal DC-Iris Lens, HDTV 720p/1 MP Resolution

PTZ Dome Network Cameras

AXIS P5532 PTZ Dome Network Camera

AXIS P5532 PTZ Dome Network Camera is a cost-effective, easy-to-install indoor pan/tilt/zoom camera with high-quality D1 video and 29x zoom. It includes an IP51-rated protection against dust and dripping water.

- 29x optical zoom with autofocus
- D1 resolution
- IP51 rated
- High PoE
- Multiple H.264 and Motion JPEG streams



MFR. PART NO.	DESCRIPTION
0310-004	AXIS P5532 PTZ Dome Network Camera

AXIS P5534 PTZ Dome Network Camera

- HDTV 720p
- IP51-rated to protect against dust and dripping water
- High PoE
- 18x zoom with autofocus



MFR. PART NO.	DESCRIPTION
0314-004	AXIS P5534 PTZ Dome Network Camera

AXIS Q1602/-E Network Cameras

AXIS Q1602-E Network Camera is an extended D1 (768 x 576), DC-iris lens, outdoor-ready camera incorporating Axis' Lightfinder technology. It delivers full frame rate in H.264 and Motion JPEG. Easy installation with remote back focus, pixel counter and PoE.

- Outstanding light sensitivity with Axis' Lightfinder technology
- Wide Dynamic Range — dynamic capture
- Superb video quality including HDTV quality
- Easy installation with focus assistant, remote back focus and pixel counter
- Prepared for P-Iris control



MFR. PART NO.	DESCRIPTION
0437-001	AXIS Q1602 Network Camera
0438-001	AXIS Q1602-E Network Camera

AXIS Q1604/-E Network Cameras

The outdoor-ready, day and night AXIS Q1604-E Network Camera provides 1 MP/HDTV 720p resolution in H.264 and Motion JPEG streams. It features enhanced Wide Dynamic Range dynamic capture. Powered over Ethernet, the camera includes DC-iris lens, remote back focus, digital PTZ, two-way audio and a built-in SD/SDHC memory card slot.

- Wide Dynamic Range — dynamic capture
- 1 megapixel or HDTV 720p resolution
- Easy installation with focus assistant, remote back focus and pixel counter
- Prepared for P-Iris control
- Multiple H.264 and Motion JPEG video streams



MFR. PART NO.	DESCRIPTION
0439-001	AXIS Q1604 Network Camera
0463-001	AXIS Q1604-E Network Camera

AXIS M10 Network Camera Series

AXIS M10 Network Camera Series offers best-in-class image quality, multiple H.264, Motion JPEG, and MPEG-4 Part 2 streams. AXIS M1011-W works with both wired and wireless interfaces. AXIS M1031-W features a built-in PIR sensor, illumination LED and two-way audio.

- Functional and smart design
- Multiple H.264 streams
- Easy and flexible installation



MFR. PART NO.	DESCRIPTION
0302-004	AXIS M1011 Network Camera
0301-004	AXIS M1011-W Network Camera
0338-004	AXIS M1054 Network Camera

AXIS P13 Network Camera Series

AXIS P13 Network Camera Series offers fixed cameras suitable for a wide range of video surveillance applications. This series can be used indoors; AXIS P13-E Network Cameras are outdoor-ready models.

- Superb video quality, including HDTV quality
- P-Iris control
- Multiple H.264 and Motion JPEG video streams
- Digital PTZ and multi-view streaming
- Easy installation with focus assistant, remote back focus and pixel counter



MFR. PART NO.	DESCRIPTION
0320-001	AXIS P1343 Network Camera, SVGA Resolution, Day and Night, Indoor
0324-001	AXIS P1344 Network Camera, 1 MP/HDTV 720p, Day and Night, Indoor
0328-001	AXIS P1346 Network Camera, 3 MP/HDTV 1080p, Day and Night, Indoor
0343-001	AXIS P1347 Network Camera, 5 MP/HDTV 1080p, Day and Night, Indoor
0349-001	AXIS P1343-E Network Camera, SVGA Resolution, Day and Night, Outdoor-Ready
0350-001	AXIS P1344-E Network Camera, 1 MP/HDTV 720p, Day and Night, Outdoor-Ready
0351-001	AXIS P1346-E Network Camera, 3 MP/HDTV 1080p, Day and Night, Outdoor-Ready
0368-001	AXIS P1347-E Network Camera, 5 MP/HDTV 1080p, Day and Night, Outdoor-Ready

Intelligent IP Devices

- All cameras and encoders are Video Content Analytics capable and integrate with DIGIOP ELEMENTS™
- VCA Presence Analytics* comes standard with all intelligent cameras and encoders; includes user-defined zones with alerts and smart search
- VCA Access Analytics* includes VCA Presence, on-scene counters, counting line, tailgating and 40 zones
- VCA Pro Analytics* include VCA Presence, VCA Access, class and speed filters, direction and dwell times, abandon and object removal, people tracking and advanced people tracker
- 3-year warranty



MFR. PART NO.	DESCRIPTION
BLK-IPD101	D1 Indoor Dome Camera, 30 IPS (H.264, MJPEG, MPEG4), 1/4" CMOS, 3.6mm, VGA, 12 VDC
BLK-IPD103	D1 Indoor Dome Camera, 30 IPS (H.264, MJPEG, MPEG4), 1/2" Omni Vision CMOS, 3.3–12mm, Digital Day/Night, PoE, 12 VDC
BLK-IPD102	D1 Outdoor Vandal Dome Camera, 30 IPS (H.264, MJPEG, MPEG4), 1/2" SONY DS CCD, WDR, 2.8–10.5mm, True Day/Night, PoE or 12 VDC
BLK-IPD105M	2.0 MP Outdoor Vandal Dome Camera, H.264/MJPEG, 5 IPS at Full Resolution (H.264), 1/3.2" Aptina CMOS, 3–8mm, Digital Day/Night, PoE or 12 VDC
BLK-IPS101	D1 C/CS Mount Box Camera, 30 IPS (H.264, MJPEG, MPEG4), 1/2" SONY DS CCD, WDR, True Day/Night, PoE or 12 VDC (lens not included)
BLK-IPS102M	2.0 MP C/CS Mount Box Camera, H.264/MJPEG, 5 IPS at Full Resolution (H.264), 1/3.2" Aptina CMOS, Digital Day/Night, PoE or 12 VDC (megapixel lens not included)
BLK-IPE101	Single-Channel IP Encoder, 30 IPS (H.264, MJPEG, MPEG4), Alarm In/Out, Audio In/Out, RS-485, SD/USB, PoE or 12 VDC
BLK-IPE4101	4-Channel IP Encoder, 120 IPS (H.264, MJPEG, MPEG4), Alarm In/Out, Audio In/Out, RS-485, SD/USB, 12 VDC
VCA-ACCESS*	VCA Access Activation License (includes: on-screen counters, counting line, tailgating, 40 zones)
VCA-PRO*	VCA Pro Activation License (includes: class and speed filters, direction and dwell filters, abandon and object removal, people tracking, advanced people and vehicle counting)

* For use with DIGIOP ELEMENTS software; it requires DIGIOP ELEMENTS single-channel IP license and DIGIOP Data single-channel activation license.

3D Cutting Edge Intelligent Video Analytics and People Counting Camera

Features

- 3D stereoscopic camera design
- 30 IPS @ CIF resolution, B/W video, 2.0 lux
- Real-time in-store data delivery to DIGIOP ELEMENTS™ software with video verification
- Filters objects based on height, shape, size, location and velocity
- Collects counting data in real time, 95%+ accuracy
- 1-year warranty

Benefits

- Multiple Intelligence Metrics include:
 - Counting — enters and exits
 - Queue — queue length and wait times
 - Service — service arrivals and service times
 - Detection — object detection
 - Privacy Zone Masking — masking for sensitive areas



MFR. PART NO.	DESCRIPTION
D3D-2500	IP Analytic Counting Camera, 2.5mm Lens, 7–15' Mounting Height
D3D-SMB	Indoor Surface Mounting Bracket
D3D-RMB	Indoor Recessed Mounting Bracket

MFR. PART NO.	DESCRIPTION
D3D-OWMB	Outdoor Wall Mounting Bracket
D3D-ADV-UPG	Advanced Analytic Licensing Upgrade
D3D-PRV	Privacy Licensing

FOR IP RECORDING DEVICES

See pages 1-46 – 1-54



Megapixel Vandal-Proof IP Dome Camera

- H.264
- 2 MP CMOS, 720P at 15 fps, UXGA at 10 fps, 1600 x 1200, 2.7–9mm lens, audio in/out, alarm in/out, RJ45, RS-485, 0.5 lux at F1.2, day and night
- 1.3 MP CCD, 720P at 20 fps, 1280 x 960, 3.3–12mm lens, audio in/out, alarm in/out, RJ45, RS-485, 0.1 lux at F1.2, day and night
- 0.1 lux at F1.2, day and night: ICR, dual stream, up to one 16G SD card, ¼" threaded knock



HIKVISION

MFR. PART NO.	DESCRIPTION
DS-2CD752MF-FB	H.264, 2.0 Megapixel IP Camera, Linux Embedded, ½" CMOS, Vandal-Proof, 720P at 15 fps, UXGA at 10 fps, 1600 x 1200, 2.7–9mm Lens
DS-2CD752MF-IFB	H.264, 2.0 Megapixel IP Camera, Linux Embedded, ½" CMOS, Vandal-Proof, 720P at 15 fps, UXGA at 10 fps, 1600 x 1200, 2.7–9mm Lens
DS-2CD762MF-FB	H.264, 1.3 Megapixel IP Camera, Linux Embedded, ½" Sony Progressive Scan CCD, Vandal-Proof, 720P at 20 fps, 1280 x 960, 3.3–12mm Lens
DS-2CD762MF-IFB	H.264, 1.3 Megapixel IP Camera, Linux Embedded, ½" Sony Progressive Scan CCD, Vandal-Proof, 720P at 20 fps, 1280 x 960, 3.3–12mm Lens

IP CMOS Dome Camera

- ¼" CMOS, 30 fps at 640 x 480 pixels (VGA), 4mm lens (2.8mm, 6mm, 8mm options)
- H.264, DC12V/PoE color: 0.1 lux at F1.2; b/w: 0.01 lux at F1.2
- Vandal-proof, IP66 — currently cannot support audio option



HIKVISION

MFR. PART NO.	DESCRIPTION
DS-2CD7133-E	IP CMOS Dome Camera

Megapixel IP Dome Camera

- 2 megapixel IP camera, ½" CMOS, 720P at 15 fps
- H.264, UXGA at 10 fps, 1600 x 1200, 2.8–11mm lens, audio in/out, alarm in/out
- RJ45, RS-485, 0.1 lux at F1.2, day and night: electronic shutter
- Dual stream, up to 16G SDHC card, PoE, 12 VDC



HIKVISION

MFR. PART NO.	DESCRIPTION
DS-2CD752MF-E	Megapixel IP Dome Camera

Megapixel IP Dome Camera

- 2 megapixel IP camera; ½" CMOS, H.264, DC12V/PoE
- 4mm lens (2.8mm, 6mm, 8mm option)
- 15 fps at UXGA (1600 x 1200), 30 fps at 720p, 30 fps at 4CIF, ePTZ
- Color: 0.5 lux at F1.2; b/w: 0.1 lux at F1.2; vandal-proof, IP66



HIKVISION

MFR. PART NO.	DESCRIPTION
DS-2CD7153-E	Megapixel IP Dome Camera

IP Megapixel Dome Camera 2 MP & 1.3 MP

- Image sensor ½"
- Lens 2.7–9mm
- Day and night mechanical IR filter auto switch
- 0 lux with IR on



HIKVISION

MFR. PART NO.	DESCRIPTION
DS-2CD752MF-IFBH	Image Sensor ½" CMOS Effective Pixels 1600(H) x 1200(V), Min. Illumination 0.5 lux at F1.2 0.1 lux at F1.2, Sensitization x5

4" IP Fast Speed PTZ Dome Camera

- H.264, 10x zoom 4" IP fast speed dome camera, Linux embedded, ¼" SONY Interline transfer CCD
- 4CIF at 30 fps, 500 TVL (color), 570 TVL (b/w); NTSC: 768 x 494
- Audio out, alarm in/out, 0.7 lux at F1.4 (color), 0.02 lux at F1.4 (b/w)
- 3.8–38mm lens, 0.7–400 pan, 0.7–150



HIKVISION

MFR. PART NO.	DESCRIPTION
DS-2DF1-401H	4" IP Fast Speed PTZ Dome Camera

IP CCD Dome Camera

- IP CCD dome, 420 TVL, 3.5–9mm lens, 355° pan, 90° tilt, 4CIF at 30 fps, 12 VDC
- H.264, IP dome camera, Linux embedded, ½" SONY super HAD CCD, 4CIF at 30 fps
- Up to 540 TVL, NTSC: 768 x 494, audio in/out, alarm in/out, RJ45, RS-485
- 0.1 lux at F1.2, 3.5–9mm lens, 355° pan, 90° tilt, day and night: electronic shutter, dual stream, SD card, PoE, 12 VDC



HIKVISION

MFR. PART NO.	DESCRIPTION
DS-2CD702NF-E	IP CCD Dome Camera

IP WDR Camera



- 1/3" SONY vertical double-density interlace CCD
- 0.1 lux/F1.2 (color), 0.01 lux/F1.2 (b/w)
- 4CIF at 30 fps; NTSC: true day and night
- BLC/160X WDR, up to 32 GB SD card, 12 VDC/PoE

MFR. PART NO.	DESCRIPTION
DS-2CD893NFWD-E	IP WDR Camera

4CIF IP WDR Dome Camera

- 1/3" SONY vertical double-density interlace CCD
- 0.1 lux/F1.2 (color), 0.01 lux/F1.2 (b/w)
- 4CIF at 30 fps; NTSC: 2.8–11mm lens, electronic day and night
- BLC/160X WDR, up to 32 GB SD card, 12 VDC/PoE



MFR. PART NO.	DESCRIPTION
DS-2CD793NFWD-E	4CIF IP WDR Dome Camera

Megapixel IP Camera



- 1.3 megapixel IP camera, Linux embedded, 1/3" SONY progressive scan
- 720p at 20 fps, 1280 x 960, 3.5mm audio jack in/out, alarm in/out
- 0.1 lux at F1.2; day and night: ICR; dual stream, up to 16G SD card
- PoE, 24 VAC/12 VDC, C/CS mount (lens not included)

MFR. PART NO.	DESCRIPTION
DS-2CD863NF-E	Megapixel IP Camera

1.3 MP IP IR Outdoor Bullet Camera



- 1/3" progressive scan CMOS, 1.3 MP CMOS
- 0.01 lux/F1.2, 0 lux with IR; IR: 30-90'
- 2.7–9mm lens, true day and night
- 120 DB WDR, up to 32 GB SD card, 12 VDC/PoE

MFR. PART NO.	DESCRIPTION
DS-2CD8264FWD-EIZ	1.3 MP IP IR Outdoor Bullet Camera

2 MP IP WDR Dome Camera

- 1/3" progressive scan CMOS, 1080p HD 2.0 MP (1920 x 1080)
- 0.1 lux/F1.2 (color), 0 lux with IR; IR: 30–90'
- 2.7–9mm lens, BLC/120 DB WDR, true day and night
- Up to 32 GB SD card, 12 VDC/PoE



MFR. PART NO.	DESCRIPTION
DS-2CD754NFWD-EI	2 MP IP WDR Dome Camera

Megapixel IP Box Cameras, 5 & 2 MP



- 5 MP — 8 fps at 2560 x 1920; color: 0.6 lux at F1.2 (AGC ON), b/w: 0.08 lux at F1.2 (AGC ON)
- 2 MP — color: 0.5 lux at F1.2; b/w: 0.05 lux at F1.2 (lens not included)
- 3.5mm audio jack in/out, alarm in/out, RJ45, RS-485
- Mounting brackets not included

MFR. PART NO.	DESCRIPTION
DS-2CD886BF-E	Progressive Scan CMOS (5 MP, PoE, ePTZ) (8 fps at 2560 x 1920, 30 fps at Full HD 1080p, 30 fps at 1600 x 1200 UXGA)
DS-2CD876BF	Progressive Scan CCD (2 MP CCD) 12 VDC (30 fps at 1600 x 1200 UXGA, 30 fps at 720p, 30 fps at 4CIF)

IP IR Bullet Camera



- 1/3" progressive scan CMOS, 2.0 MP CMOS, up to 15 fps
- 0.5 lux/F1.2, 0 lux with IR; IR: 30–90'
- 2.7–9mm lens, BLC, true day and night
- 12 VDC/PoE

MFR. PART NO.	DESCRIPTION
DS-2CD8253F-EIS	IP IR Bullet Camera

IP IR Bullet Camera



- 1/2.5" progressive scan CMOS, 3.0 MP CMOS, up to 15 fps
- 0.6 lux/F1.2, 0 lux with IR; IR: 30–90'
- 2.7–9mm lens, BLC, true day and night
- 12 VDC/PoE

MFR. PART NO.	DESCRIPTION
DS-2CD8254F-EIS	IP IR Bullet Camera

TruVision IP Open Standards Cameras

TruVision IP Open Standards Cameras bring state-of-the-art, high-definition pictures to the mass video surveillance market. With a wide resolution range from VGA to 1.3 to 5 megapixels, these IP cameras are flexible video surveillance devices that meet any need. Equipped with advanced technology and signal processing capability, these cameras effectively capture video under challenging conditions.

Features

- Resolution range includes VGA, 1.3 MP, 2 MP, 3 MP and 5 MP imagers
- Designed to PSIA and ONVIF open standards
- Select models feature real-time video streaming up to 1080p resolution to capture every detail
- H.264 compression technology with dual-streaming capability accommodates multiple settings
- Edge recording supports up to 32 GB SDHC card for audio/video playback



MFR. PART NO.	DESCRIPTION
TVD-N210V-2-N	TruVision VGA IP Open Standard, Progressive Scan CMOS Indoor Vandal Dome, Digital D/N, 2.8–11mm AI, ONVIF/PSIA, NTSC, PoE/12 VDC, SDHC Card Slot
TVD-M1210V-2-N	TruVision 1.3 MP Open Standard, Progressive Scan CCD Indoor Vandal Dome, Digital D/N, 2.7–9mm AI, ONVIF/PSIA, NTSC, PoE/12 VDC, SDHC Card Slot
TVD-N245V-2-N	TruVision 4CIF WDR IP Open Standard, CCD Indoor Vandal Dome, True D/N, 2.8–11mm AI, IR LED, ONVIF/PSIA, NTSC, PoE/12 VDC, SDHC Card Slot
TVD-M1225V-2-N	TruVision 1.3 MP Open Standard, Progressive Scan CCD Indoor Vandal Dome, True D/N, 2.7–9mm AI, IR LED, ONVIF/PSIA, NTSC, PoE/12 VDC, SDHC Card Slot
TVD-M5225V-4-N	TruVision 5.0 MP Open Standard, Progressive Scan CMOS Indoor Vandal Dome, True D/N, 4.5–10mm AI, IR LED, ONVIF/PSIA, NTSC, PoE/12 VDC, SDHC Card Slot
TVC-N220-1-N	TruVision VGA IP Open Standard, ¼" Progressive Scan CMOS Traditional Box Camera, True D/N, ONVIF/PSIA, NTSC, PoE/12 VDC, SDHC Card Slot
TVC-M1220-1-N	TruVision 1.3 MP Open Standard, ½" Progressive Scan CCD Traditional Box Camera, True D/N, ONVIF/PSIA, NTSC, PoE/12 VDC, SDHC Card Slot
TVD-N210W-4-N	TruVision VGA IP Open Standard, Progressive Scan CMOS Low-Profile Mini Vandal Dome Camera, Electric D/N, 4mm Fixed, ONVIF/PSIA, NTSC, PoE/12 VDC, IP66
TVD-M2210W-4-N	TruVision 2.0 MP Open Standard, Progressive Scan CMOS Low-Profile Mini Vandal Dome Camera, Electric D/N, 4mm Fixed, ONVIF/PSIA, NTSC, PoE/12 VDC, IP66
TVD-M2-WEBM	TruVision Electrical Box Adapter for TruVision Open Standard Low-Profile Mini Domes
TVD-M2-WM	TruVision Indoor Wall Mount for TruVision Open Standard Series Domes
TVD-M2-FM	TruVision Indoor Flush Mount for TruVision Open Standard Series Domes

UltraView™ Series Cam/Dome IP

Features

- General purpose/low light
- H.264 compression
- WDR and low-light models
- PoE or 12 VDC/24 VAC true day/night IR-corrected vari-focal lenses



MFR. PART NO.	DESCRIPTION
UVD-IP-EVRDNR-VA2	UltraView IP H.264 True Day/Night Rugged Dome, H.264, 4CIF/540 TVL, UTP, BNC, 2.8–10.5mm AI IR Corrected, POE/12 VDC/24 VAC, NTSC
UVC-IP-EVRDN-HR	UltraView IP H.264 True Day/Night Box Camera, H.264, 4CIF, BNC, POE/12 VDC/24 VAC, NTSC
UVD-IP-XP3DNR-VA2	UltraView IP WDR H.264 True Day/Night Rugged Dome, H.264, 4CIF/540 TVL, UTP, BNC, 2.8–10.5mm AI IR Corrected, POE/12 VDC/24 VAC, NTSC
UVC-IP-XP3DN-HR	UltraView IP WDR H.264 True Day/Night Box Camera, H.264, 4CIF, BNC, POE/12 VDC/24 VAC, NTSC

3 Series

The 3 Series H.264 cameras offer exceptional image quality in a small, versatile form factor. Available from SD480p to HD1080p megapixel resolution, the 3 Series cameras have streaming audio, a built-in microphone and Direct-to-Storage capability.

Features

- Up to HD1080p resolution
- H.264 main profile + MJPEG compression
- 60 fps @ SD480p, 30 fps @ HD720p and HD1080p
- 1-way audio with built-in microphone
- Lightgrabber™ II low-light feature

Benefits

- Compact design: at only 1.98" in height, these tiny cameras are made for discreet indoor use
- PoE
- DTS (Direct-to-Storage)
- ONVIF and PSIA Compliant
- 5-year warranty



MFR. PART NO.	DESCRIPTION
IQ030SI-V11	IQeye 3 Series H.264 SD480p Camera, Wall/Ceiling Mount, Wide Vari-Focal Lens
IQ031SI-V11	IQeye 3 Series H.264 HD720p Camera, Wall/Ceiling Mount, Wide Vari-Focal Lens
IQ032SI-V11	IQeye 3 Series H.264 HD1080p Camera, Wall/Ceiling Mount, Wide Vari-Focal Lens

7 Series

The 7 Series H.264 cameras with remote back focus feature an external SDHC memory port which, in combination with IQrecorder or DTS recording, makes them flexible standalone recording platforms ideal for motion-based recording or remote monitoring.

Features

- Up to 5 MP resolution
- Remote back focus for sharp focusing
- H.264 main profile + MJPEG compression
- 60 fps @ HD720p, 30 fps @ 1080p, 10 fps @ 5 MP
- Analog video out and 2-way audio

Benefits

- PoE, 12–24 VDC, 24 VAC
- On-camera storage
- Direct-to-Storage
- ONVIF and PSIA Compliant
- 3-year warranty



MFR. PART NO.	DESCRIPTION
IQ761NI-V6	7 Series H.264 HD720p Camera, Remote Back Focus, Telephoto Vari-Focal Lens
IQ761NI-V16	7 Series H.264 HD720p Camera, Remote Back Focus, Wide Vari-Focal Lens
IQ762NI-V6	7 Series H.264 HD1080p Camera, Remote Back Focus, Telephoto Vari-Focal Lens
IQ762NI-V16	7 Series H.264 HD1080p Camera, Remote Back Focus, Wide Vari-Focal Lens
IQ762NI-W2	7 Series H.264 HD1080p Camera, Remote Back Focus, Ultra-Wide Vari-Focal Lens
IQ763NI-V6	7 Series H.264 3.6 MP Camera, Remote Back Focus, Telephoto Vari-Focal Lens
IQ763NI-V16	7 Series H.264 3.6 MP Camera, Remote Back Focus, Wide Vari-Focal Lens
IQ763NI-W2	7 Series H.264 3.6 MP Camera, Remote Back Focus, Ultra-Wide Vari-Focal Lens
IQ765NI-V6	7 Series H.264 5 MP Camera, Remote Back Focus, Telephoto Vari-Focal Lens
IQ765NI-V7	7 Series H.264 5 MP Camera, Remote Back Focus, Wide Vari-Focal Lens
IQ765NI-W2	7 Series H.264 5 MP Camera, Remote Back Focus, Ultra-Wide Vari-Focal Lens

Sentinel Series

The Sentinel Series H.264 cameras, with remote back focus and support for up to 5 MP resolution, were designed with the installer in mind. Wall, ceiling and parapet options, and rugged aluminum construction allow the cameras to be installed in most harsh environments.

Features

- Up to 5 MP resolution
- Remote back focus for sharp focusing
- H.264 main profile + MJPEG compression
- 60 fps @ HD720p, 30 fps @ HD1080p, 10 fps @ 5 MP
- Day/night movable IR filter

Benefits

- IP66/NEMA 4 outdoor enclosure
- PoE, 12–24 VDC, 24 VAC
- ONVIF and PSIA Compliant
- Outdoor camera with mounting
- 3-year warranty



MFR. PART NO.	DESCRIPTION
IQ861NE-V6	Sentinel Series H.264 HD720p Camera, Remote Focus, Telephoto Vari-Focal Lens
IQ861NE-V7	Sentinel Series H.264 HD720p Camera, Remote Focus, Wide Vari-Focal Lens
IQ862NE-V6	Sentinel Series H.264 HD1080p Camera, Remote Focus, Telephoto Vari-Focal Lens
IQ862NE-V7	Sentinel Series H.264 HD1080p Camera, Remote Focus, Wide Vari-Focal Lens
IQ862NE-W2	Sentinel Series H.264 HD1080p Camera, Remote Focus, Ultra-Wide Vari-Focal Lens
IQ863NE-V6	Sentinel Series H.264 3.6 MP Camera, Remote Focus, Telephoto Vari-Focal Lens
IQ863NE-V7	Sentinel Series H.264 3.6 MP Camera, Remote Focus, Wide Vari-Focal Lens
IQ863NE-W2	Sentinel Series H.264 3.6 MP Camera, Remote Focus, Ultra-Wide Vari-Focal Lens
IQ865NE-V6	Sentinel Series H.264 5 MP Camera, Remote Focus, Telephoto Vari-Focal Lens
IQ865NE-V7	Sentinel Series H.264 5 MP Camera, Remote Focus, Wide Vari-Focal Lens
IQ865NE-W2	Sentinel Series H.264 5 MP Camera, Remote Focus, Ultra-Wide Vari-Focal Lens

Alliance-pro

The Alliance-pro H.264 vandal dome cameras support up to 5 MP resolutions. Installation and maintenance are easy thanks to the intuitive design, a hinged pivoting shroud, EZglide lens focus and 3-axis gimbal.

Features

- Up to 5 MP resolution
- H.264 main profile + MJPEG compression
- 60 fps @ HD720p, 30 fps @ 1080p, 10 fps @ 5 MP
- 2-way audio
- Day/night movable IR filter

Benefits

- PoE, 12–24 VDC, 24 VAC
- IP66/NEMA 4 outdoor enclosure
- On-camera storage
- ONVIF and PSIA Compliant
- 5-year warranty



NI Series



NE/NX Series



MFR. PART NO.	DESCRIPTION
IQA30NI-B5	Alliance-pro H.264 480p Interior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA31NI-B5	Alliance-pro H.264 720p Interior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA32NI-B5	Alliance-pro H.264 1080p Interior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA33NI-B5	Alliance-pro H.264 3.6 MP Interior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA35NI-B6	Alliance-pro H.264 5 MP Interior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA30NE-B5	Alliance-pro H.264 480p Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA31NE-B5	Alliance-pro H.264 720p Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA32NE-B5	Alliance-pro H.264 1080p Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA33NE-B5	Alliance-pro H.264 3.6 MP Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA35NE-B6	Alliance-pro H.264 5 MP Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA30NX-B5	Alliance-pro H.264 480p Extreme Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA31NX-B5	Alliance-pro H.264 720p Extreme Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA32NX-B5	Alliance-pro H.264 1080p Extreme Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA33NX-B5	Alliance-pro H.264 3.6 MP Extreme Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQA35NX-B6	Alliance-pro H.264 5 MP Extreme Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens

Alliance-mx

The Alliance-mx H.264 vandal dome cameras support up to 2 MP resolution. Requiring less than 3.8W PoE, these energy-efficient cameras feature a 3–13mm vari-focal lens that enables field-of-view adaptability for a wide range of settings and applications.

Features

- Up to HD1080p resolution
- H.264 main profile + MJPEG compression
- 60 fps @ SD480p, 30 fps @ HD720p and HD1080p
- 2-way audio
- Day/night movable IR filter

Benefits

- PoE
- IP66/NEMA 4 outdoor enclosure
- Indoor/outdoor vandal-resistant dome
- ONVIF and PSIA Compliant
- 5-year warranty



MFR. PART NO.	DESCRIPTION
IQM30NE-B5	Alliance-mx H.264 SD480p Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQM31NE-B5	Alliance-mx H.264 HD720p Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens
IQM32NE-B5	Alliance-mx H.264 HD1080p Exterior Day/Night Vandal Dome Camera, Wide Vari-Focal Lens

Alliance-mini

The Alliance-mini H.264 vandal dome cameras are available in resolutions up to HD1080p. These ultra-lightweight cameras easily mount to ceilings or walls, and the true 3-axis gimbal, locking shroud and PoE design save time and money on installation and maintenance.

Features

- Up to HD1080p resolution
- H.264 main profile + MJPEG compression
- 60 fps @ SD480p, 30 fps @ HD720p and HD1080p
- 2-way audio with built-in microphone
- 3-axis gimbal

Benefits

- PoE
- Cast-aluminum tamper-proof option
- ONVIF and PSIA Compliant
- 3 lens options available
- 5-year warranty



MFR. PART NO.	DESCRIPTION
IQD30SV-F1	Alliance-mini H.264 SD480p Vandal Dome Camera, Wide Lens
IQD31SV-F1	Alliance-mini H.264 HD720p Vandal Dome Camera, Wide Lens
IQD32SV-F1	Alliance-mini H.264 HD1080p Vandal Dome Camera, Wide Lens

H.264 High-Profile IP Cameras, IP PTZ

JVC's 2012 IP camera range provides superior image quality and reliability for a wide variety of security applications.

Features

- Available in 3 ranges (entry, mid and advanced) to accommodate all types of security installations
- H.264 high-profile supported
- 1080p full HD resolution
- ONVIF Compliant
- All products are UL® Listed

Benefits

- Superior picture quality and color reproduction
- Product quality and reliability
- Low total cost of ownership (TCO)



VN-H137U



VN-T16U, VN-H37U, VN-H57U
(shown with optional lens)



VN-H157WPU



VN-V686WPBU



VN-V685U, VN-V686BU



VN-T216U, VN-H237U,
VN-H257U



VN-H237VPU, VN-H257VPU



VN-T216VPRU



MFR. PART NO.	DESCRIPTION
VN-T16U	Entry Range H.264 1080p Full HD IP Box Camera (less lens), Easy Day/Night, SD Card, Audio, PoE/12 VDC/24 VAC
VN-T216U	Entry Range H.264 1080p Full HD IP Vandal-Resistant Mini Dome Camera, Easy Day/Night, SD Card, Audio, PoE/12 VDC/24 VAC
VN-T216VPRU	Entry Range H.264 1080p Full HD IP Outdoor Vandal-Proof Dome Camera with Built-in IR (50'), True Day/Night, SD Card, Audio, IP66, PoE/24 VAC
VN-H37U	Mid Range H.264 1080p Full HD IP Box Camera (less lens), True Day/Night, CLVI, 3DNR, SD Card, PoE
VN-H137U	Mid Range H.264 1080p Full HD IP Box Camera with Integrated Housing, Easy Day/Night, CLVI, 3DNR, SD Card, PoE
VN-H237U	Mid Range H.264 1080p Full HD IP Vandal-Resistant Mini Dome Camera, Easy Day/Night, CLVI, 3DNR, SD Card, PoE
VN-H237VPU	Mid Range H.264 1080p Full HD IP Outdoor Vandal-Proof Dome Camera, True Day/Night, CLVI, 3DNR, SD Card, IP66, PoE
VN-H57U	Advanced Range H.264 1080p Full HD IP Box Camera (less lens), True Day/Night, CLVI, 3DNR, SD Card, Audio, Alarm, Auto Back Focus, PoE/24 VAC
VN-H157WPU	Advanced Range H.264 1080p Full HD IP Outdoor Bullet Camera, True Day/Night, CLVI, 3DNR, SD Card, Audio, Alarm, Auto Focus, IP66, PoE/24 VAC
VN-H257U	Advanced Range H.264 1080p Full HD IP Vandal-Resistant Mini Dome Camera, True Day/Night, CLVI, 3DNR, SD Card, Audio, Alarm, Auto Focus, PoE/24 VAC
VN-H257VPU	Advanced Range H.264 1080p Full HD IP Outdoor Vandal-Proof Dome Camera, True Day/Night, CLVI, 3DNR, SD Card, Audio, Alarm, Auto Focus, IP66, PoE/24 VAC
VN-V685U	Indoor Vandal-Resistant IP PTZ Camera with 27x Zoom, True Day/Night, 360° Direct Drive, Auto Tracking, Hot-Swappable, PoE/24 VAC
VN-V686BU	Indoor Vandal-Resistant IP PTZ Camera with 36x Zoom, True Day/Night, 360° Direct Drive, Auto Tracking, Hot-Swappable, PoE/24 VAC
VN-V686WPBU	Outdoor IP PTZ Camera with External Housing, 36x Zoom, True Day/Night, 360° Direct Drive, Auto Tracking, Hot-Swappable, IP66, PoE/24 VAC

Hemispheric Q24

These elegant, ultra-compact and weatherproof IP dome cameras feature a 360° view, a 180° panorama function and a quad view to show images from four different angles simultaneously.

Features

- Live image correction, digital PTZ
- Alarm function; speaker and microphone integrated
- Perfect design with limited installation height
- Robust and maintenance-free, with no mechanically moving parts
- Quad display simultaneously captures all four corners of a room

Benefits

- Hemispheric 360° allround view for complete room monitoring
- Decentralized system concept reduces peripheral components and costs when recording
- Full image recording 360° at live PTZ
- Internal DVR (up to 64 GB), recording without network load
- Complete solution includes software with all updates free from MOBOTIX website



MFR. PART NO.	DESCRIPTION
MX-Q24M-Sec-D11	Indoor and Outdoor 3 Megapixel Hemispheric Camera, Includes a Hemispheric 360° L11 Day Lens (color) (11mm)
MX-Q24M-Sec-N11	Indoor and Outdoor 1.3 Megapixel Hemispheric Camera, Includes a Hemispheric 360° L11 Night Lens (black and white) (11mm)
MX-Q24M-Sec-D11-BL	Indoor and Outdoor 3 Megapixel Hemispheric Camera, Includes a Hemispheric 360° L11 Day Lens (color) (11mm), Black Metallic
MX-Q24M-Sec-N11-BL	Indoor and Outdoor 1.3 Megapixel Hemispheric Camera, Includes a Hemispheric 360° L11 Night Lens (color) (11mm), Black Metallic
MX-Q24M-Sec-D22	Indoor and Outdoor 3 Megapixel 90° Horizontal Field-of-View Hemispheric Camera, Includes a Super-Wide Angle L22 Day Lens (color) (22mm)
MX-Q24M-Sec-N22	Indoor and Outdoor 1.3 Megapixel 90° Horizontal Field-of-View Hemispheric Camera, Includes a Super-Wide Angle L22 Day Lens (black and white) (22mm)
MX-Q24Mi-Basic-D11	Indoor-Hemispheric Camera, Includes a Hemispheric 360° L11 Day Lens (color) (11mm), 3 Megapixel Sensor, VGA Recording Only, not Event Based
MX-Q24Mi-Basic-D22	Indoor-Hemispheric Camera, Includes a Super-Wide Angle L22 90° Day Lens (color) (22mm), 3 Megapixel Sensor, VGA Recording Only, not Event Based

DualDome D14

Two lenses, two hi-res image sensors, up to 64 GB internal storage and a dual image of a maximum 6.2 megapixels make DualDome D14D cameras efficient security solutions. It is possible to secure two different areas using just one camera, without vulnerable mechanical components.

Features

- Simultaneous monitoring of different room areas using two separate lenses
- 180° panorama (optional with D14Di-180°)
- Power consumption < 5 watts
- Full image recording at live PTZ
- Robust, maintenance-free, IP65 weatherproof from -30 to 60° C (-22 to 140° F)

Benefits

- DualDome cameras with two individually positionable image sensors
- Max. resolution — 6.2 megapixel
- Microphone, speaker and PIR detector
- Integrated DVR (up to 64 GB) stores up to 520,000 hi-res images (six days with 1 fps)
- Continuous digital PTZ (virtual PTZ function)



MFR. PART NO.	DESCRIPTION
MX-D14Di-Sec	Indoor Megapixel DualDome Camera, Includes Tinted and Transparent Dome, Excludes Camera Modules
MX-D14Di-IT	Indoor VGA DualDome Camera, Includes Tinted and Transparent Dome, Excludes Camera Modules
MX-D14Di-Sec-180°	Indoor 6.2 Megapixel Panorama Camera, Includes (2) Super-Wide Angle Day Lens (color) (22mm)
MX-D14Di-Sec-Night-180°	Indoor 2.6 Megapixel Panorama Camera, Includes (2) Super-Wide Angle Night Lens (black and white) (22mm)
MX-D14-MODULE-D22	Camera Module Day, Includes L22 Super-Wide Lens
MX-D14-MODULE-N22	Camera Module Night, Includes L22 Super-Wide Lens
MX-D14-MODULE-D32	Camera Module Day, Includes L32 Wide-Angle Lens
MX-D14-MODULE-N32	Camera Module Night, Includes L32 Wide-Angle Lens
MX-D14-MODULE-D43	Camera Module Day, Includes L43 Wide-Angle Lens
MX-D14-MODULE-N43	Camera Module Night, Includes L43 Wide-Angle Lens
MX-D14-MODULE-D65	Camera Module Day, Includes L65 Telephoto Lens
MX-D14-MODULE-N65	Camera Module Night, Includes L65 Telephoto Lens
MX-D14-MODULE-D135	Camera Module Day, Includes L135 Telephoto Lens
MX-D14-MODULE-N135	Camera Module Night, Includes L135 Telephoto Lens

DualNight M12D

These MOBOTIX dual lens, day/night cameras with two separate hi-res image sensors are successfully in use in more than 100,000 installations worldwide. Brilliant color for the day and extremely light-sensitive black/white sensor for the night. Intelligent and robust professional solutions with no moving parts.



Features

- Two separate image sensors for day and night-time operation; permanently fixed lenses at factory for extremely simple installation
- Digital continuous PTZ
- B/W sensor (at night or IR lighting) — 0.1 lux at 1/60 s, 0.005 lux at 1 s exposure time
- Weatherproof from -30 to 60° C (-22 to 140° F), without need for heating (IP65)

Benefits

- Dual camera with brilliant image color quality during the day and highest sensitivity at night — two separate image sensors for color and b/w, for indoor and outdoor (IP65)
- 3 megapixel resolution (QXGA, 2048 x 1536 pixels)
- Integrated microphone, speaker and PIR motion detector
- Internal DVR (up to 65 GB), recording without network load
- Microphone and speaker with full audio functionality (VoIP and SIP telephony with video)

MFR. PART NO.	DESCRIPTION
MX-M12D-Sec-DNight-D22N22	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Super-Wide Angle Day Lens (color) (22mm) and Super-Wide Angle Night Lens (black and white) (22mm); DualNight: Automatic Day/Night Switching Depending on Illumination
MX-M12D-Sec-DNight-D43N43	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Wide Angle Day Lens (color) (43mm) and Wide Angle Night Lens (black and white) (43mm); DualNight: Automatic Day/Night Switching Depending on Illumination
MX-M12D-Sec-DNight-D135N135	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Telephoto Day Lens; DualNight: Automatic Day/Night Switching Depending on Illumination
MX-M12D-Sec-D22D43	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Super-Wide Day Lens (color) (22mm) and Super-Wide Lens (color) (43mm)
MX-M12D-Sec-D22D135	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Super-Wide Angle Day Lens (22mm) and a Telephoto Day Lens (135mm); DualNight: Automatic Day/Night Switching Depending on Illumination
MX-M12D-Sec-D43D135	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Super-Wide Day Lens (color) (43mm) and a Telephoto Day Lens (color) (135mm)
MX-M12D-Sec-N43N135	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Super-Wide Night Lens (black and white) (43mm) and a Telephoto Night Lens (black and white) (135mm)
MX-M12D-Sec-N22N135	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Super-Wide Angle Lens (night) (22mm) and a Telephoto Lens (night) (135mm)
MX-M12D-Sec-N22N135-LPF	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Super-Wide Angle Night Lens (22mm) and a Telephoto Night Lens (135mm) with a Special Filter to Enhance Image Contrast for an Application such as License Plate Recognition
MX-M12D-Sec-N43N135-LPF	Indoor and Outdoor Megapixel Dual Lens Camera, Includes Wide Angle Night Lens (43mm) and a Telephoto Night Lens (135mm) with a Special Filter to Enhance Image Contrast for an Application such as License Plate Recognition

Allround M24M

The M24M series from MOBOTIX offers extremely compact, cost-effective and exceptionally powerful allround cameras with the widest range of lenses, including a panorama version. Fully equipped with IP66-certified housing and long-term internal storage on a MicroSD card.



Features

- Integrated video motion detection, definable exposure zones
- Digital continuous PTZ
- Robust, low-maintenance and weatherproof from -30 to 60° C (-22 to 140° F), IP66
- Integrated microphone and speaker with improved sound quality
- Alarm management with pre- and post-alarm images

Benefits

- Exchangeable lens camera for indoor/outdoor use (IP66)
- 3 megapixel resolution (QXGA, 2048 x 1536 pixels)
- Exchangeable lenses from 90–15° optional with CSVario or Hemispheric 180°
- Microphone and speaker with full audio functionality (VoIP and SIP with video)
- Internal DVR (up to 64 GB), recording without network load

MFR. PART NO.	DESCRIPTION
MX-M24M-Sec	Indoor and Outdoor 3.1 Megapixel Single-Lens Color Camera, IP66, Excludes Lens
MX-M24M-Sec-Night	Indoor and Outdoor 1.3 Megapixel Single-Lens Black and White Camera, IP66, Excludes Lens
MX-M24M-Sec-D11	Indoor and Outdoor 3.1 Megapixel Mono Hemispheric Camera, Includes 360° Hemispheric Day Lens (color) (11mm)
MX-M24M-Sec-N11	Indoor and Outdoor 1.3 Megapixel Mono Hemispheric Camera, Includes 360° Hemispheric Night Lens (black and white) (11mm)
MX-M24M-Sec-CSVario	Indoor and Outdoor Megapixel Mono, Includes CS Mount Vario Day Lens (color) (24–54mm)
MX-M24M-Sec-Night-CSVario	Indoor and Outdoor Megapixel Mono Night, Includes CS Mount Vario Night Lens (black and white) (24–54mm)
MX-OPT14-L22	22mm Equivalent in Terms of 35mm; Horizontal Viewing Angle of 90°
MX-OPT14-L32	32mm Equivalent in Terms of 35mm; Horizontal Viewing Angle of 60°
MX-OPT14-L43	43mm Equivalent in Terms of 35mm; Horizontal Viewing Angle of 45°
MX-OPT14-L65	65mm Equivalent in Terms of 35mm; Horizontal Viewing Angle of 31°
MX-OPT14-L135	135mm Equivalent in Terms of 35mm; Horizontal Viewing Angle of 15°

CM-610 Camera — Indoor 2MP 1080 PHD IP Dome

The CM-610 from OpenEye is a 2 megapixel indoor IP camera that provides users with crisp IP video in a feature-rich compact package.

Features

- ONVIF™ compliant
- H.264/MJPEG
- Power over Ethernet
- 2 MP (1080p HD)
- Dual streaming

Benefits

- Improved image clarity and detail
- Single cable for video data and power
- Convenient remote setup and configuration
- Can be used with most manufacturers' VMS
- Integrated motion detection saves processor resources on VMS system



OpenEye®

MFR. PART NO.	DESCRIPTION
CM-610	Indoor IP Camera — White, 4mm, PoE Only, 15 ips @ 1080p/30 ips @ 720p, ONVIF, H264/MJPEG, CMOS, Dual Streaming, Motion Detection, Micro SD, Privacy Masks, Audio

CM-710 Camera — Outdoor 2MP 1080 PHD IP Dome

The CM-710 from OpenEye is a 2 megapixel outdoor IP camera that provides superior design and video quality in a rugged IP66-rated enclosure.

Features

- ONVIF™ compliant
- H.264/MJPEG
- Power over Ethernet
- 2 MP (1080p HD)
- Dual streaming

Benefits

- Improved image clarity and detail
- Single cable for video data and power
- Convenient remote setup and configuration
- Can be used with most manufacturers' VMS
- Integrated motion detection saves processor resources on VMS system



OpenEye®

MFR. PART NO.	DESCRIPTION
CM-710	Outdoor IP Camera — White, 4mm, PoE Only, 15 ips @ 1080p/30 ips @ 720p, ONVIF, H264/MJPEG, CMOS, Dual Streaming, Motion Detection, Micro SD, IP66, Privacy Masks

CM-715 Cameras — Outdoor 2MP 1080P HD IP Dome with Heater and IR/Autofocus Options

OpenEye's 700 Series high-resolution outdoor IP dome cameras provide superior design and video quality with features such as full HD 1080p 2 megapixel resolution, a tamper-resistant design, and IR and autofocus options.

Features

- ONVIF™ compliant
- H.264/MJPEG dual streaming
- IP66 weatherproof rating
- 2 MP resolution (1080p HD)
- True day/night

Benefits

- Save time and money with the CM-715A's auto-focus feature
- The CM-715 allows you to familiarize yourself with a single model suited for numerous applications
- Integrated analog output allows use with live-view monitors
- Integrated motion detection saves processor resources on VMS system



CM-715I

OpenEye®

MFR. PART NO.	DESCRIPTION
CM-715	Outdoor IP Camera — White, 3.3–12mm Vari-Focal, 15 ips @ 1080p/30 ips @ 720p, ONVIF, H264/MJPEG, CMOS, Heater, Dual Streaming, Motion Detection, Micro SD, IP66, Privacy Masks, Sensors, Audio In, Day/Night
CM-715A	Outdoor IP Camera — White, 3.3–12mm Vari-Focal, Autofocus, 15 ips @ 1080p/30 ips @ 720p, ONVIF, H264/MJPEG, CMOS, Heater, Dual Streaming, Motion Detection, Micro SD, IP66, Privacy Masks, Sensors, Audio In, Day/Night
CM-715AI	Outdoor IP Camera — White, 3.3–12mm Vari-Focal, Autofocus, IR 20M, 15 ips @ 1080p/30 ips @ 720p, ONVIF, H264/MJPEG, CMOS, Heater, Dual Streaming, Motion Detection, Micro SD, IP66, Privacy Masks, Sensors, Audio In, Day/Night
CM-715I	Outdoor IP Camera — White, 3.3–12mm Vari-Focal, IR 20M, 15 ips @ 1080p/30 ips @ 720p, ONVIF, H264/MJPEG, CMOS, Heater, Dual Streaming, Motion Detection, Micro SD, IP66, Privacy Masks, Sensors, Audio In, Day/Night

CM-730 Camera — Outdoor 1.2MP 720p HD IP Dome with Heater

The CM-730 is an HD IP66-rated IP dome ideal for areas where high-contrast sunlight and indoor lighting are problematic. With wide dynamic range imaging and an IP66-rated tamper-resistant design, the CM-730 is ideal for outdoor surveillance applications.

Features

- ONVIF™ compliant
- H.264/MJPEG/MPEG-4
- Wide dynamic range
- IP66 weatherproof rating
- 1.2 megapixel

Benefits

- Increased performance in high-contrast scenes
- Improved detail compared to analog images
- Integrated analog output allows use with live-view monitors
- Integrated motion detection saves processor resources on VMS system



OpenEye®

MFR. PART NO.	DESCRIPTION
CM-730	Outdoor IP Camera — White, 3.3–12mm Vari-Focal, 30 ips @ 720p, ONVIF, H264/MPEG4/MJPEG, CCD (better low light), WDR, Heater, Dual Streaming, 2D/3D Noise Reduction, Motion Detection, Micro SD, IP66, Privacy Masks, Sensors, Audio In, Day/Night

3 Megapixel Full HD Weatherproof Network IR Camera

- Max. 3 MP (2048 x 1536) resolution
- 16:9 full HD (1080p) resolution support
- 3–8.5mm (2.8x) motorized vari-focal lens
- H.264, MJPEG dual codec
- Multiple streaming (up to six profiles)



MFR. PART NO.	DESCRIPTION
SNO-7080R	3 Megapixel Full HD Weatherproof Network IR Camera

VGA Vandal-Resistant Network Dome Camera

- Max. 30 fps at VGA resolution
- 2.2–7.7mm (3.5x) vari-focal lens
- H.264, MJPEG dual codec
- PoE, SD memory, IP66



MFR. PART NO.	DESCRIPTION
SNV-1080	VGA Vandal-Resistant Network Dome Camera

VGA Network Dome Camera

- Max. 30 fps at VGA resolution
- 2.2–7.7mm (3.5x) vari-focal lens
- H.264, MJPEG dual codec
- PoE, SD memory



MFR. PART NO.	DESCRIPTION
SND-1080	VGA Network Dome Camera

1.3 Megapixel HD Vandal-Resistant Network Dome Camera

- Max. 1.3 MP (1280 x 1024) resolution
- 16:9 HD (720p) resolution support
- 2.8–10mm (3.6x) vari-focal lens
- H.264, MPEG-4, MJPEG multiple codec
- PoE, SD memory, IP66, bi-directional audio support



MFR. PART NO.	DESCRIPTION
SNV-5080	1.3 Megapixel HD Vandal-Resistant Network Dome Camera

3 Megapixel Full HD Network Dome Camera

- Max. 3 MP (2048 x 1536) resolution
- 16:9 full HD (1080p) resolution support
- 3–8.5mm (2.8x) motorized vari-focal lens for remote focus
- H.264, MJPEG dual codec, WDR (supported in 2M mode only)



MFR. PART NO.	DESCRIPTION
SND-7080	3 Megapixel Full HD Network Dome Camera

3 Megapixel Full HD Vandal-Resistant Network Dome Camera

- Max. 3 MP (2048 x 1536) resolution
- 16:9 full HD (1080p) resolution support
- 3–8.5mm (2.8x) motorized vari-focal lens for remote focus
- H.264, MJPEG dual codec, WDR (supported in 2M mode only)



MFR. PART NO.	DESCRIPTION
SNV-7080	3 Megapixel Full HD Vandal-Resistant Network Dome Camera

3 Megapixel Full HD Network Camera

- Max. 3 MP (2048 x 1536) resolution
- 16:9 full HD (1080p) resolution support
- H.264, MJPEG dual codec
- WDR (supported in 2M mode only)



MFR. PART NO.	DESCRIPTION
SNB-7000	3 Megapixel Full HD Network Camera

1.3 Megapixel HD 20x Network Outdoor PTZ Dome Camera

- Max. 1.3 MP (1280 x 1024) resolution
- 16:9 HD (720p) resolution support
- 4.45–89mm (20x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- PoE Plus, SD memory, IP66, bi-directional audio support



MFR. PART NO.	DESCRIPTION
SNP-5200H	1.3 Megapixel HD 20x Network PTZ Dome Camera

1.3 Megapixel HD 20x Network Indoor PTZ Dome Camera

- Max. 1.3 MP (1280 x 1024) resolution
- 16:9 HD (720p) resolution support
- 4.45–89mm (20x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- PoE Plus, SD memory, bi-directional audio support



MFR. PART NO.	DESCRIPTION
SNP-5200	1.3 Megapixel HD 20x Network Indoor PTZ Dome Camera

4CIF 30x Network PTZ Dome Camera

- Max. 30 (25) fps at 4CIF resolution
- 3.5–105.3mm (30x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- SD memory



MFR. PART NO.	DESCRIPTION
SNP-3302	4CIF 30x Network PTZ Dome Camera

4CIF 37x Network PTZ Dome Camera

- Max. 30 fps at 4CIF resolution
- 3.5–129.5mm (37x) optical zoom, 16x digital zoom
- H.264, MPEG-4, MJPEG multiple codec
- SD memory, IP66, bi-directional audio support



MFR. PART NO.	DESCRIPTION
SNP-3371	4CIF 37x Network PTZ Dome Camera



VIEW OUR SELECTION OF MONITORS

See pages 3-2 – 3-5



Network High-Definition V, E & X Series Cameras

SONY HD V, E and X Series cameras provide superior picture quality due to innovations such as View-DR, DEPA analytics, XDNR and IR illuminators.



SNC-DH220



SNC-CH210/B



SNC-CH240



SNC-CH260

SONY

Features

- Available in Full HD and HD
- V Series — top of the line, value-added, premium HD cameras with vari-focal lens
- E Series — economical HD cameras with vari-focal lens
- X Series — extremely discreet, small footprint and affordable indoor HD camera line with fixed focal lens
- SD models also available

Benefits

- Exmor HD CMOS sensor provides clear image quality
- View-DR technology — ultra-wide dynamic range for clear images in high-contrast lighting conditions (available in V Series)
- DEPA Advanced offers built-in camera analytics (available in V Series)
- IP66 rating on outdoor-ready models with built-in IR (available in E and V Series)
- IK-10 ratings on vandal-resistant models (X, E and V Series)

Network IP MiniDome Cameras

MFR. PART NO.	DESCRIPTION
SNC-DH110/B	Network 720p HD, 1.3 Megapixel MiniDome Camera with PoE and 80.7° Horizontal Field of View, Black
SNC-DH110/W	Network 720p HD, 1.3 Megapixel MiniDome Camera with PoE and 80.7° Horizontal Field of View, White
SNC-DH110T/B	Network 720p HD, 1.3 Megapixel Impact-Resistant MiniDome Camera with PoE and 80.7° Horizontal Field of View, Black
SNC-DH110T/W	Network 720p HD, 1.3 Megapixel Impact-Resistant MiniDome Camera with PoE and 80.7° Horizontal Field of View, White
SNC-DH120	Network 720p HD, 1.3 Megapixel MiniDome Camera with JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-DH120T	Network 720p HD, 1.3 Megapixel Indoor Vandal-Resistant MiniDome Camera with JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-DH140	Network 720p HD, 1.3 Megapixel MiniDome Camera with View-DR Technology, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-DH140T	Network 720p HD, 1.3 Megapixel Indoor Vandal-Resistant MiniDome Camera with View-DR Technology, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-DH160	Network 720p HD, 1.3 Megapixel Vandal-Resistant MiniDome Camera with IR Illuminator, IP66, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-DH180	Network 720p HD, 1.3 Megapixel Vandal-Resistant MiniDome Camera with View-DR Technology, IR Illuminator, IP66, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-DH210/B	Network 1080p HD, 3.0 Megapixel MiniDome Camera, PoE, 88° Horizontal Field of View, Black Base
SNC-DH210/W	Network 1080p HD, 3.0 Megapixel MiniDome Camera, PoE, 88° Horizontal Field of View, White Base
SNC-DH210T/B	Network 1080p HD, 3.0 Megapixel Vandal-Resistant MiniDome Camera, PoE, 88° Horizontal Field of View, Black Base
SNC-DH210T/W	Network 1080p HD, 3.0 Megapixel Vandal-Resistant MiniDome Camera, PoE, 88° Horizontal Field of View, White Base
SNC-DH220	Network 1080p HD, 3.0 Megapixel MiniDome Camera with JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-DH220T	Network 1080p HD, 3.0 Megapixel Indoor Vandal-Resistant MiniDome Camera with JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-DH240	Network 1080p HD, 3.0 Megapixel MiniDome Camera with View-DR Technology, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-DH240T	Network 1080p HD, 3.0 Megapixel Indoor Vandal-Resistant MiniDome Camera with View-DR Technology, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-DH260	Network 1080p HD, 3.0 Megapixel Vandal-Resistant MiniDome Camera with IR Illuminator, IP66, JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-DH280	Network 1080p HD, 3.0 Megapixel Vandal-Resistant MiniDome Camera with View-DR Technology, IR Illuminator, IP66, JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-EM521	SD Vandal-Resistant MiniDome Camera, 1/3 Type Progressive Scan Exmor CMOS Sensor, 2.9x Optical Zoom, H.264/MPEG-4/JPEG, 30 fps, Day/Night, IK-10 Rated
SNC-EM520	SD MiniDome Camera, 1/3 Type Progressive Scan Exmor CMOS Sensor, 2.9x Optical Zoom, H.264/MPEG-4/JPEG, 30 fps, Day/Night, IK-10 Rated

Network IP Fixed Cameras

MFR. PART NO.	DESCRIPTION
SNC-CH110/B	Network 720p HD, 1.3 Megapixel Fixed Camera, PoE, 80° Field of View, Black
SNC-CH110/S	Network 720p HD, 1.3 Megapixel Fixed Camera, PoE, 80° Field of View, Silver
SNC-CH120	Network 720p HD, 1.3 Megapixel Fixed Camera with JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-CH140	Network 720p HD, 1.3 Megapixel Fixed Camera with View-DR Technology, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-CH160	Network 720p HD, 1.3 Megapixel Bullet Camera with IR Illuminator, IP66, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-CH180	Network 720p HD, 1.3 Megapixel Bullet Camera with View-DR Technology, IR Illuminator, IP66, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-CH210/B	Network 1080p HD, 3.0 Megapixel Fixed Camera with JPEG/MPEG-4/H.264, PoE and Analog Video Output, Black
SNC-CH210/S	Network 1080p HD, 3.0 Megapixel Fixed Camera with JPEG/MPEG-4/H.264, PoE and Analog Video Output, Silver
SNC-CH220	Network 1080p HD, 3.0 Megapixel Fixed Camera with JPEG/MPEG-4/H.264, Day/Night and PoE
SNC-CH240	Network 1080p HD, 3.0 Megapixel Fixed Camera with View-DR Technology, JPEG/MPEG-4/H.264 Dual Streaming, Day/Night and PoE
SNC-CH260	Network 1080p HD, 3.0 Megapixel Bullet Camera with IR Illuminator, JPEG/MPEG-4/H.264, IP66, Day/Night and PoE
SNC-CH280	Network 1080p HD, 3.0 Megapixel Bullet Camera with View-DR Technology, IR Illuminator, JPEG/MPEG-4/H.264, IP66, Day/Night and PoE
SNC-EB520	SD Fixed Camera, 1/3 Type Progressive Scan Exmor CMOS Sensor, 2.6x Optical Zoom, H.264/MPEG-4/JPEG, 30 fps, Day/Night, CS Mount

Network High-Definition Cameras



Features

- Support H.264, MPEG-4 and JPEG compression formats
- Excellent picture quality and full HD resolution (1920 x 1080)
- Total tilt range of 210°
- Visibility enhancer dynamically optimizes the brightness and color reproduction of an image
- DEPA Advanced intelligent video and audio analytics

Network Rapid Dome Cameras

Network HD cameras offer endless 360° pan, excellent picture quality and HD resolution.

MFR. PART NO.	DESCRIPTION
SNC-ER520	Network SD Rapid Dome Camera with 720 x 480 Resolution, 1/4 Type Exview HAD CCD Imager, 36x Optical Zoom
SNC-ER550	Network HD Rapid Dome Camera with 1080 HD, 1280 x 720 Resolution, 1/4 Type Exmor CMOS Imager, 28x Optical Zoom
SNC-ER580	Network Full HD Rapid Dome Camera with Full 1080 HD, 1920 x 1080 Resolution, 1/2.8 Type Exmor CMOS Imager, 20x Optical Zoom
SNC-RH124	Network HD Rapid Dome Indoor Camera with 10x Optical Zoom
SNC-RH164	Network HD Rapid Dome Outdoor Camera with 10x Optical Zoom
SNC-RS44N	Network Rapid Dome Indoor Camera, Triple Stream JPEG/MPEG-4/H.264 and 18x Optical Zoom
SNC-RS46N	Network Rapid Dome Indoor Camera, Triple Stream JPEG/MPEG-4/H.264 and 36x Optical Zoom
SNC-RS84N	Network Rapid Dome Outdoor Camera, Triple Stream JPEG/MPEG-4/H.264 and 18x Optical Zoom
SNC-RS86N	Network Rapid Dome Outdoor Camera, Triple Stream JPEG/MPEG-4/H.264 and 36x Optical Zoom
SNC-RX530N/B	Network Rapid Dome Camera, Dual Stream JPEG/MPEG-4, H.264, Day/Night, 18x Optical Zoom, Black
SNC-RX530N/W	Network Rapid Dome Camera, Dual Stream JPEG/MPEG-4, H.264, Day/Night, 18x Optical Zoom, White
SNC-RX550N/B	Network Rapid Dome Camera, Dual Stream JPEG/MPEG-4, H.264, Day/Night, 26x Optical Zoom, Black
SNC-RX550N/W	Network Rapid Dome Camera, Dual Stream JPEG/MPEG-4, H.264, Day/Night, 26x Optical Zoom, White
SNC-RX570N/B	Network Rapid Dome Camera, Dual Stream JPEG/MPEG-4, H.264, Day/Night, 36x Optical Zoom, Black
SNC-RX570N/W	Network Rapid Dome Camera, Dual Stream JPEG/MPEG-4, H.264, Day/Night, 36x Optical Zoom, White

PTZ IP Cameras

Network HD cameras offer endless 340° pan, excellent picture quality and HD resolution.

MFR. PART NO.	DESCRIPTION
SNC-EP520	Network SD PTZ Camera with 720 x 480 Resolution, 1/4 Type Exview HAD CCD Imager, 36x Optical Zoom
SNC-EP550	Network HD PTZ Camera with 1080 HD, 1280 x 720 Resolution, 1/4 Type Exmor CMOS Imager, 28x Optical Zoom
SNC-EP580	Network Full HD PTZ Camera with Full 1080 HD, 1920 x 1080 Resolution, 1/2.8 Type Exmor CMOS Imager, 20x Optical Zoom
SNC-RZ25N	Network PTZ Camera with 340° Pan, Day/Night and JPEG/MPEG-4 Selectable Streaming

ONSIP IP Cameras

Speco's new ONSIP line of IP cameras are all ONVIF compliant and work with most major third-party software providers.

Features

- Dual codec (H.264 and MJPEG)
- 2-way audio communications
- ONVIF compatible
- Free client management software to oversee up to 64 channels
- iPhone® and Android™ apps available

Benefits

- The new ONSIP camera line has upgraded imaging technology and advanced features at affordable prices



speco technologies

O2D3

MFR. PART NO.	DESCRIPTION
O2D3	ONSIP 2 MP Day/Night Indoor/Outdoor Dome IP Camera
O2DP7	ONSIP 2 MP Day/Night Indoor Dome IP Camera with IR
O2S1	ONSIP 2 MP Mini PT and IR Integrated IP Indoor Camera
O2T5	ONSIP 2 MP Day/Night Traditional IP Camera
OINT03D1G	ONSIP Intensifier Dome Camera with 2.8–12mm VF Lens

MFR. PART NO.	DESCRIPTION
OINT56B1G	ONSIP Intensifier Bullet Camera with 2.8–12mm VF Lens
OB1	ONSIP Standard Resolution D1 Bullet Camera, 2.8–12mm VF Lens
OD8	ONSIP Standard Resolution Dome Camera, 4.3mm Lens
OPTZ36XI	ONSIP PTZ 36X D1 Resolution Indoor Camera
OPTZ36XO	ONSIP PTZ 36X D1 Resolution Outdoor Camera

Fixed Dome Network Cameras

VIVOTEK Fixed Dome Network Cameras offer a comprehensive selection of features and models for all environments and lighting conditions, including indoor/outdoor, vandal-proof, built-in IR, mobile and 360° panoramic.



FD8362E



FD8162



FD8335H



FE8171V



FD8361L



FD8134V



FD8136



MD8562

Features

- 3.1 MP Fisheye allows 180° panoramic or 360° surround views — up to 8X wider FOV than VGA, reducing camera count
- Vandal-proof mobile cameras can withstand shock, vibration, humidity, dust and temperature changes during vehicle movement
- P-iris lenses, wide dynamic range sensors and IR illuminators create vivid video with outstanding quality, day or night
- Video cropping, ePTZ and triple codec support (H.264/MPEG-4/JPEG) enable efficient bandwidth usage
- MicroSD/SDHC/SDXC card slot provides storage on the camera in the event of network connectivity loss

Benefits

- Smart Focus System, consisting of a Focus Assist button and Remote Focus, eases installation and adjustment
- Smart Focus lenses enable remote control of the focal length and focus, ensuring hassle-free installation and maintenance
- Extreme weatherproof cameras, with wide temperature range and IP66/67 outdoor ratings, are impervious to harsh conditions



MFR. PART NO.	DESCRIPTION
FD8362E	Outdoor Vandal-Proof, 1080p, H.264, Day/Night, WDR, 3–9mm Lens, PoE, Video Cropping, ePTZ, Temp Range -40° to 131° F, MicroSD/SDHC
FD8361L	Outdoor Vandal-Proof, 2 MP, H.264, Day/Night, IR, 3–9mm Lens, PoE, SD/SDHC Card Slot
FD8162	Indoor, 1080p, H.264, Day/Night, IR, WDR, 3–9mm Lens, PoE, Focus Assist, Video Cropping, ePTZ, MicroSD/SDHC Card Slot
FD8335H	Outdoor Vandal-Proof, 1 MP, H.264, Day/Night, IR, 3–9mm P-Iris Lens, PoE, MicroSD/SDHC Card Slot, WDR Pro
FD8134	Indoor, 1 MP, H.264, Day/Night, IR, 3.6mm Lens, PoE, MicroSD/SDHC Card Slot
FD8134V	Indoor Vandal-Proof, 1 MP, H.264, Day/Night, IR, 3.6mm Lens, PoE, MicroSD/SDHC Card Slot
FD8136	Indoor Ultra-Mini Dome, 1 MP, H.264, 2.5–12mm Lens Options Available, PoE, MicroSD/SDHC Card Slot; Available in Black or White
MD8562	Mini/Mobile Outdoor Vandal-Proof, 1080p, H.264, 2.8mm Lens, PoE, Video Cropping, ePTZ, MicroSD/SDHC Card Slot
FE8171V	Outdoor Vandal-Proof Fisheye, 3.1 MP, H.264, Day/Night, 1.27mm Lens, PoE, Video Cropping, ePTZ, MicroSD/SDHC Card Slot

Bullet Network Cameras

VIVOTEK Bullet Network Cameras are weatherproof day/night fixed cameras with built-in IR illuminators. They provide excellent video quality in all environmental and lighting conditions, indoor or outdoors.

- Built-in IR illuminators and removable IR-cut filters enable video capture in complete darkness and very low light conditions
- Supreme Night Visibility utilizes the 1.3 MP Exmor™ back-illuminated CMOS sensor for exceptional video in low light conditions
- Exceptional 60 fps allows capture of fast moving objects in 720p resolution
- Cable management encloses the network cable within the mounting bracket to protect it from tampering
- Video cropping, ePTZ and triple codec support (H.264/MPEG-4/JPEG) enable efficient bandwidth usage



MFR. PART NO.	DESCRIPTION
IP8362	Outdoor Bullet, 1080p, H.264, Day/Night, IR, WDR, 3–9mm Lens, PoE, Video Cropping, ePTZ, Cable Management Bracket Included, MicroSD/SDHC Card Slot
IP8352	Outdoor Bullet, 1.3 MP, H.264, Day/Night, IR, 3–9mm Lens, PoE, Video Cropping, ePTZ, Cable Management Bracket, Supreme Night Visibility, MicroSD/SDHC Slot
IP8335H	Outdoor Bullet, 1 MP, H.264, Day/Night, IR, WDR Pro, 3–9mm P-Iris Lens, PoE, Cable Management Bracket Included, MicroSD/SDHC Card Slot
IP7361	Outdoor Bullet, 2 MP, MPEG-4, Day/Night, IR, 3–9mm Lens, PoE, Video Cropping, ePTZ, Cable Management Bracket Included, SD/SDHC Card Slot
IP8332	Outdoor Bullet, 1 MP, H.264, Day/Night, IR, 3.6mm Lens, PoE, MicroSD/SDHC Card Slot

PTZ Network Cameras

VIVOTEK PTZ Network Cameras include indoor and outdoor models with up to 1080p resolution and 36X optical zoom. Options for wireless, PoE and PoE Plus provide installation flexibility.

- 802.3at PoE Plus powers the camera's zoom lens, as well as pan and tilt without installation of a power supply
- 802.11b/g/n wireless connectivity permits camera installation where network connectivity is too expensive or impractical
- Wide temperature range allows operation in temperatures from -40° F to 131° F (-40° C to 55° C)
- Up to 1080p resolution and 36X optical zoom enable the capture of great detail at long distances
- Exceptional 60 fps allows capture of fast moving objects in 720p resolution



MFR. PART NO.	DESCRIPTION
SD8362E	Outdoor Speed Dome, 1080p, 20X Optical Zoom, H.264, Day/Night, WDR Pro, 2.9–55.4mm Lens, PoE+, Video Cropping, ePTZ, 60 fps, Wide Temp Range, EIS
SD8313E	Outdoor Speed Dome, D1, 36X Optical Zoom, H.264, Day/Night, WDR Pro, 3.4–122.4mm Lens, PoE+, Exceptional 60 fps, Audio Detection, Wide Temp Range
SD8312E	Outdoor Speed Dome, D1, 28X Optical Zoom, H.264, Day/Night, WDR Pro, 3.5–98mm Lens, PoE+, Exceptional 60 fps, Audio Detection, Wide Temp Range
SD8311E	Outdoor Speed Dome, D1, 18X Optical Zoom, H.264, Day/Night, WDR Pro, 4.1–73.8mm Lens, PoE+, Exceptional 60 fps, Audio Detection, Wide Temp Range
SD8111	Indoor Speed Dome, D1, 12X Optical Zoom, H.264, Day/Night, 3.8–45.6mm Lens, 3D Noise Reduction
PZ8111W	PTZ Camera, D1, 10X Optical Zoom, H.264, 4.2–42mm Lens, 802.11b/g/n Wireless (PZ8111W only)

Housings and Accessories

Outdoor PTZ Network Camera Housings

MFR. PART NO.	DESCRIPTION
25733	AXIS Pendant Dome Outdoor — Compatible with AXIS 214PTZ, 233D
25734	AXIS Pendant Vandal Dome — Compatible with AXIS 214PTZ, 233D
5010-001	AXIS T95A Series Dome Housing — Compatible with AXIS 214PTZ, 233D
5010-101	AXIS T95A Series Dome Housing — Compatible with AXIS 214PTZ, 233D

Outdoor Fixed Network Camera Housings

MFR. PART NO.	DESCRIPTION
5015-101	AXIS T92A Housing — Compatible with AXIS 211W, 221
24889	AXIS Outdoor Fixed Housing — AXIS 211W, 221
29892	AXIS Fixed Wireless Housing — AXIS 211W

Indoor Vandal-Resistant Housings

Compatible with AXIS 211W, 221, Q1755.

MFR. PART NO.	DESCRIPTION
24886	AXIS Indoor Fixed Wall Housing
24887	AXIS Indoor Fixed Corner Housing
24888	AXIS Indoor Fixed Ceiling Housing

Indoor Fixed Network Camera Housings

MFR. PART NO.	DESCRIPTION
21899	AXIS Indoor Fixed Housing — Compatible with AXIS 211W, 221
22870	AXIS Indoor Fixed Camera Dome — Compatible with AXIS 211W, 221

Indoor PTZ Network Camera Housings

MFR. PART NO.	DESCRIPTION
25735	AXIS Pendant Dome Indoor — Compatible with AXIS 214PTZ, 233D

Gooseneck Wall Mount

MFR. PART NO.	DESCRIPTION
25736	Gooseneck Wall Mount



NEED CATEGORY 6 UTP CABLE?

See pages 7-6 – 7-7



PoE Ready Camera Housings

- Sophisticated, cost-effective housings are simple and quick to install
- PoE Plus IEEE 802.3 at compliant devices; midspan optional
- Dynamic Power Allocation prioritizes power, ensuring camera operation
- One PoE Plus (IEEE 802.3at) powered cable is all you need to connect



MFR. PART NO.	DESCRIPTION
ACH13HB8N	Outdoor Environmental Housing for PoE Plus Enabled IP Fixed Cameras; Wall/Pole Mount
SM5C8N	Compact Outdoor Surface Mount Dome Housing for PoE Plus Enabled IP Ready™ PTZ or Fixed Cameras
FDW75C8N	Outdoor Dome Housing for PoE Plus Enabled IP PTZ or Fixed Cameras

Fusion Camera Housing with Thermiq™ Technology

The Fusion Camera Housing line is a scalable series of camera enclosures that utilizes the latest in heat management technology. Perfect for standard applications or in extreme environments where camera endurance is critical.

Features

- Meets NEMA Type 4X and IP66 standards
- IK10 impact rated
- Hinged wall mount allows easy installation
- PoE or 12/24V input model
- DPA ensures maximum power to the camera

Benefits

- Accommodates wide-angle lenses up to 135°
- Adjustable sunshield (“Y” models)
- True PoE power to the camera (no splitter needed)
- Automatically adjusts to power loss for long cable runs
- PoE Plus IEEE 802.3at compliant device



MFR. PART NO.	DESCRIPTION
FCH11CW	Environmental Housing with Feed-Thru Wall/Pole Mount
FCH11C2W	Environmental Housing with Feed-Thru Wall/Pole Mount, 24 VAC or 12 VDC Input, Heater and Blower
FCH11C2WY	Environmental Housing with Feed-Thru Wall/Pole Mount, 24 VAC or 12 VDC Input, Heater and Blower, Adjustable Sunshield
FCH11C8WY	Environmental Housing with Feed-Thru Wall/Pole Mount, Dynamic Power Allocation PoE Input, 30W Midspan Included, Heater and Blower, Supports .at PoE Cameras, Adjustable Sunshield
FCH11C8WYE	Environmental Housing with Feed-Thru Wall/Pole Mount, Dynamic Power Allocation PoE Input, 30W Midspan Included, Heater and Blower, Supports .at PoE Cameras, Adjustable Sunshield; No Midspan
FCH11C2WQ	Environmental Housing with Heat Exchanger, Feed-Thru Wall/Pole Mount, 24 VAC or 12 VDC Input, Heater and Blower, Sunshield
FCH11C8WQ	Environmental Housing with Heat Exchanger, Feed-Thru Wall/Pole Mount, Dynamic Power Allocation PoE Input, 30W Midspan Included, Heater and Blower, Sunshield, Supports .at PoE Cameras
FCH11C8WQE	Environmental Housing with Heat Exchanger, Feed-Thru Wall/Pole Mount, Dynamic Power Allocation PoE Input, 30W Midspan Included, Heater and Blower, Sunshield, Supports .at PoE Cameras; No Midspan

Polevator — Lowering Pole

- Unique, patented self-lubricating lowering mechanism
- Designed to reduce vibration from 110 mph wind loads
- Factory wired, plug and play
- Requires single person to activate — saves on servicing fees



MFR. PART NO.	DESCRIPTION
PV18N	Polevator — Lowering Pole



Pressurized, Dust-Proof Fusion Housings

Moog Videolarm's Pressurized and Dust-Proof Fusion Tubular Housings for fixed cameras are constructed from treated aluminum and 316 stainless steel hardware to ensure protection from corrosive environments.

Features

- Meet NEMA type 4X and IP67 standards
- Powder-coated aluminum; all hardware is 316 stainless steel
- Thermostatically controlled heater/blower always on
- PoE or 12/24V input models
- Standard feed-through wall/pole mount (no extra adapters needed for pole mounting)

Benefits

- Pressurization protects camera and lens from debris, chemicals and other contaminants
- Feed-through wall/pole mount protects wiring — no additional mounts or adapters to purchase
- Wiring is made easy with the input connection board — simple RJ45, coax and power terminal blocks
- Camera can be rotated within the housing for desired field of view
- Camera is accessible by removing housing tube without any camera rotation/position change



MOOG
VIDEOLARM

MFR. PART NO.	DESCRIPTION
PFH10C2WY	Pressurized Tubular Housing, 24 VAC or 12 VDC Input, Heater and Blower with Feed-Thru Wall/Pole Mount, Adjustable Sunshield
PFH10C8WY	Pressurized Tubular Housing, Dynamic Power Allocation PoE Input, 30W Midspan Included, Heater and Blower with Feed-Thru Wall/Pole Mount, Supports .af PoE Cameras, Adjustable Sunshield
PFH10C2W	Pressurized Tubular Housing, 24 VAC or 12 VDC Input, Heater and Blower with Feed-Thru Wall/Pole Mount
DFH10C2WY	Dust-Proof Tubular Housing, 24 VAC or 12 VDC Input, Heater and Blower with Feed-Thru Wall/Pole Mount, Adjustable Sunshield
DFH10C8WY	Dust-Proof Tubular Housing, Dynamic Power Allocation PoE Input, 30W Midspan Included, Heater and Blower with Feed-Thru Wall/Pole Mount, Supports .af PoE Cameras, Adjustable Sunshield
DFH10C2W	Dust-Proof Tubular Housing, 24 VAC or 12 VDC Input, Heater and Blower with Feed-Thru Wall/Pole Mount

Stainless Steel Vandal Domes

The stainless steel vandal-resistant outdoor dome housing is designed for chemically harsh environments. Built from 316 stainless steel with a bubble that is three times more resistant to harsh chemicals than acrylic or polycarbonate.

Features

- Meet NEMA 4X and IP67 standards; IK10 impact rated
- Constructed from 316 stainless steel, including sunshield
- Optically clear and durable lower dome; chemical-resistant engineered plastic
- Thermostatically controlled 24 VAC heater and blower (in some models)
- Standard pendant mount (1½" NPT); optional stainless steel wall mount

Benefits

- High performance in the harshest conditions
- No rust or corrosion
- Can be configured to fit most PTZ camera systems



MOOG
VIDEOLARM

MFR. PART NO.	DESCRIPTION
SSDP75C2Y	Stainless Steel Dome, Pendant Mount, 24 VAC Input, Heater and Blower, Includes Sunshield
SSDP75C2	Stainless Steel Dome, Pendant Mount, 24 VAC Input, Heater and Blower
SSDP75C	Stainless Steel Dome, Pendant Mount, No Electronics

Housing and Accessories



SONY

MFR. PART NO.	DESCRIPTION
UNI-ORS7C1W	Outdoor Vandal-Resistant Housing, Pendant Mount with Clear Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-ORS7T1W	Outdoor Vandal-Resistant Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-OPS7C1	Outdoor Pressurized Housing, Pendant Mount with Clear Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-OPS7T1	Outdoor Pressurized Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-INS7C1	Indoor Housing, Pendant Mount with Clear Dome, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-INS7T1	Indoor Housing, Pendant Mount with Tinted Dome, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-INS7C3	Indoor Housing, Pendant Mount with Clear Dome, without Power, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-INS7T3	Indoor Housing, Pendant Mount with Tinted Dome, without Power, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-IRS7C1	Indoor/Outdoor Vandal-Resistant Housing, Pendant Mount with Clear Dome, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-IRS7T1	Indoor/Outdoor Vandal-Resistant Housing, Pendant Mount with Tinted Dome, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-IRS7C3	Indoor/Outdoor Vandal-Resistant Housing, Pendant Mount with Clear Dome, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-IRS7T3	Indoor/Outdoor Vandal-Resistant Housing, Pendant Mount with Tinted Dome, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-ID7C3	Indoor Recessed Ceiling Housing, Clear Lower Dome for SNC-RZ30N, SNC-RZ50, SNC-RZ25 and RX Series Cameras
UNI-ID7T3	Indoor Recessed Ceiling Housing, Tinted Lower Dome for SNC-RZ30N, SNC-RZ50, SNC-RZ25 and RX Series Cameras
UNI-RD7C	Clear Replacement Capsule for UNI-Series Domes
UNI-RD7T	Tinted Replacement Capsule for UNI-Series Domes
SCA-S30	IP66 Outdoor Powered Speaker
UNI-PBU1	Power Block Unit for the UNI Series, 7" Pendant Mount Housings, Requires UNI-WMB1 with the Housing, Clips Included for Pole Mount, AC110V In AC24V Out
SNC-UNI	Indoor Housing for SNC-Z20N and SNC-CS3N Cameras
UNI-ONL7C2	7" Outdoor Pendant Housing with H/B; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; AC 24V; Clear Dome
UNI-ONL7T2	7" Outdoor Pendant Housing with H/B; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; AC 24V; Tinted Dome
UNI-ONL7C2W	Outdoor Housing, Pendant Mount with Clear Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-ONL7T2W	Outdoor Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-ORL7C2	Outdoor Vandal-Resistant Housing, Pendant Mount with Clear Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-ORL7T2	Outdoor Vandal-Resistant Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-ORL7C2W	Outdoor Vandal-Resistant Housing, Pendant Mount with Clear Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-ORL7T2W	Outdoor Vandal-Resistant Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-OPL7C2	Outdoor Pressurized Housing, Pendant Mount with Clear Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-OPL7T2	Outdoor Pressurized Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RX550 and SNC-RZ25N Cameras
UNI-INL7C2	7" Indoor Pendant Housing; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; No Electronics; Clear Dome
UNI-INL7T2	7" Indoor Pendant Housing; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; No Electronics; Tinted Dome

(continued...)

Housing and Accessories (continued)



SONY

MFR. PART NO.	DESCRIPTION
UNI-ONS7C1	7" Outdoor Pendant Housing with H/B, for SNC-RZ50N and SNC-RZ30N Cameras, AC 24V, DC 12V Power Included, Clear Dome
UNI-ONS7T1	Outdoor Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30N Cameras
UNI-ONS7C1W	Outdoor Housing, Pendant Mount with Clear Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30 Cameras
UNI-ONS7T1W	Outdoor Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30 Cameras
UNI-ORS7T1	Outdoor Housing, Pendant Mount with Tinted Dome and Heater/Blower, for SNC-RZ50 and SNC-RZ30N Cameras
SNC-AAN1	External Pole Mount Antenna for Increased Range and Directivity

Mounts



SONY

MFR. PART NO.	DESCRIPTION
UNI-MDB2	Indoor/Outdoor Pendant Mount, 1" NPT Gooseneck Wall Mount for DF80/85N Cameras
UNI-MDB3	Indoor/Outdoor Pendant Mount, 1" NPT Gooseneck Wall Mount for SNC-DM110/SNC-DS60 Cameras
UNI-CMA1	Aluminum Corner Mount Adapter, White Finish
UNI-PMA1	Aluminum Existing Pole Mount Adapter, White Finish
UNI-WMB1	Aluminum Gooseneck Wall Mount, White Finish
UNI-RMB1	Aluminum Parapet Mount, White Finish
SCA-M30	Indoor Ceiling Mount Microphone
UNI-XBB1/T	Black Mounting Bracket for SNC-CH110 and SNC-CH210 Cameras
UNI-XSB1/T	Silver Mounting Bracket for SNC-CH110 and SNC-CH210 Cameras
YT-ICB45	Flush Mount Kit for SNC-DF50N and SNC-DF80N

Network HD Cameras Housings and Mounts

SONY

MFR. PART NO.	DESCRIPTION
SNCA-CW5	Outdoor Antenna Cable Kit for SNC-RH164/RS84N/RS86N Cameras
YT-ICB124	In-Ceiling Mount Kit for SNC-RH and RS Series Cameras
YT-ICB140	In-Ceiling Mount Kit for SNC-DH120/DH120T/DH140/DH140T/DH220/DH220T/DH240/DH240T/DF50N/DM110/DS10 and SSC-CD45/CD49 Cameras
YT-LD124C	Clear Dome Cover for SNC-RH and RS Series Cameras
YT-LD124S	Smoked Dome Cover for SNC-RH and RS Series Cameras
UNI-OFL7C2	7" Outdoor Vandal-Resistant Flush Mount Enclosure with H/B; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; AC 24V; Clear Dome
UNI-OFL7T2	7" Outdoor Vandal-Resistant Flush Mount Enclosure with H/B; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; AC 24V; Tinted Dome
UNI-OFS7C1	7" Outdoor Vandal-Resistant Flush Mount Enclosure with H/B; for SNC-RZ50N and SNC-RZ30N Cameras; AC 24V, DC 12V Power Included; Clear Dome
UNI-OSL7C2	7" Outdoor Vandal-Resistant Surface Mount Enclosure with H/B; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; AC 24V; Clear Dome
UNI-OSL7T2	7" Outdoor Vandal-Resistant Surface Mount Enclosure with H/B; for SNC-RX, RH and RS Series, and SNC-RZ25N Cameras; AC 24V; Tinted Dome
UNI-OFS7T1	7" Outdoor Vandal-Resistant Flush Mount Enclosure with H/B; for SNC-RZ50N and SNC-RZ30N Cameras; AC 24V, DC 12V Power Included; Tinted Dome
UNI-ORS7C1	7" Outdoor Vandal-Resistant Housing with H/B; Pendant Mount for SNC-RZ50N and SNC-RZ30N Cameras; AC 24V, DC 12V Power Included; Clear Dome
UNI-OSS7C1	7" Outdoor Vandal-Resistant Surface Mount Enclosure with H/B; for SNC-RZ-50N and SNC-RZ30N Cameras; AC 24V, DC 12V Power Included; Clear Dome
UNI-OSS7T1	7" Outdoor Vandal-Resistant Surface Mount Enclosure with H/B; for SNC-RZ-50N and SNC-RZ30N Cameras; AC 24V, DC 12V Power Included; Tinted Dome
SNC-UNIHB/1	Outdoor Housing with H/B for Fixed-Type (box) Cameras; Wall Bracket Included; AC 24V; 10.5" Maximum Camera/Lens Length
UNI-IFF7C3	7" Indoor Recessed Ceiling Housing for Fixed (box) Cameras, Clear Lower Dome
UNI-IFF7T3	7" Indoor Recessed Ceiling Housing for Fixed (box) Cameras, Tinted Lower Dome
UNI-ILD3C3	3" Indoor Recessed Plenum Ready Housing for SNC-DH120/DH120T/DH140/DH140T/DH220/DH220T/DH240/DH240T/DM110/DS10/DF50N Cameras
UNI-MDB1	Pendant Mount for SSC-CD73V, 1" Gooseneck Wall Mount Bracket Included
UNI-UMB1	Indoor Wall Mount Bracket for SNC-RH124/RS44N/RS46N/DF50N/DH120/DH120T/DH140/DH140T/DH220/DH220T/DH240/DH240T/DM110/DS10 and SSC-CD45/CD49 Cameras
UNI-BBB1	Aluminum Back Box with Pole Mount Adapter for SNC-CH180/CH160/CH280/CH260 Cameras
UNI-WMBB1	Aluminum Wall/Pole Mount Back Box for UNI-WMB1/WMB2 and MDB Series; Includes Straps

Axis Video Encoders integrate easily into your existing analog CCTV system so you can acquire all the benefits of digital technology without scrapping your investment in an analog system.

1-Port Video Encoders

AXIS Q7401 Video Encoder



AXIS Q7401 Video Encoder enables one analog video channel to be converted into multiple high-quality H.264 and Motion JPEG streams in an IP-based video surveillance system. It provides video motion detection, active tampering alarm, audio detection, external input/output connections, PoE support, two-way audio and local storage.

- Superb video quality
- Multiple H.264 streams
- Image setting adjustment
- Intelligent video capabilities
- PoE



MFR. PART NO.	DESCRIPTION
0288-004	AXIS Q7401 Video Encoder (single channel)
0291-004	AXIS Q7404 Video Encoder (4 channels)

AXIS M7001 Video Encoder and AXIS M7001 Covert Surveillance Kit

The one-channel AXIS M7001 Video Encoder provides a cost-effective solution for integrating analog CCTV cameras, including pan/tilt/zoom cameras, into an IP-surveillance system. It supports H.264, Motion JPEG, and video motion detection. Using PoE, it can also power the camera in the AXIS M7001 Covert Surveillance Kit.



- Compact and cost effective
- Full frame rate in all resolutions
- Simultaneous H.264 and Motion JPEG
- PTZ support
- PoE



MFR. PART NO.	DESCRIPTION
0298-001	AXIS M7001 Video Encoder
0298-031	AXIS M7001 Covert Surveillance Kit

AXIS 241S and AXIS 243SA Video Servers

Full featured, digital benefits for analog video surveillance systems.

MFR. PART NO.	DESCRIPTION
0186-004	AXIS 241S Video Server
0256-004	AXIS 243SA Video Server

For Large Installations

AXIS Q7900 Rack

AXIS Q7900 Rack is a 19" unit that holds up to 14 hot-swappable blades, enabling up to 84 analog cameras to be integrated into an IP-surveillance system. With four ports supporting Gigabit Ethernet, the rack can deliver multiple video streams from each channel. The rack has two redundant power supplies.

- Slots for 14 hot-swappable blades
- Redundant power supplies
- Four Gigabit Ethernet ports
- Hot-swappable fan cassettes

MFR. PART NO.	DESCRIPTION
0192-004	AXIS Rack Solution
0267-004	AXIS 291 1U Video Server Rack
0287-004	AXIS Q7900 Rack



4-Port Video Encoders

AXIS P7214 Video Encoder



AXIS P7214 Video Encoder enables four analog video channels to be converted into simultaneous, high-quality H.264 and Motion JPEG streams in an IP-based video surveillance system. It provides video motion detection, active tampering alarm, high resolution quad-view, audio detection, external input/output connections, PoE support, two-way audio and edge storage.

- Full frame rate in H.264 and Motion JPEG in all resolutions
- Reduced bandwidth and storage using H.264 compression
- Dual H.264 and Motion JPEG video streaming
- Edge storage
- Flexible two-way audio



MFR. PART NO.	DESCRIPTION
0417-004	AXIS P7214 Network Video Encoder

6-Port Video Encoders

AXIS Q7406 Video Encoder Blade



AXIS Q7406 Video Encoder Blade enables six analog video channels to be converted into multiple high-quality H.264 and Motion JPEG streams in a rack-based IP video surveillance system. When the blades are used with the AXIS Q7900 Rack Solution, up to 84 analog cameras can be supported in one rack.

- High-density solution
- Superb video quality
- Multiple H.264 streams
- Image setting adjustment
- Intelligent video capabilities

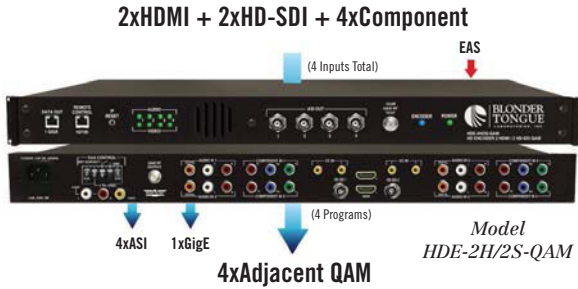


MFR. PART NO.	DESCRIPTION
0289-001	AXIS Q7406 Video Encoder Blade



SDTV/HDTV/IPTV

With more than 60 years of experience, Blonder Tongue Laboratories, Inc. designs and manufactures a wide range of SDTV, HDTV and IPTV solutions for distribution over coax, fiber and IP networks.



Features

- HD-SDI, SD-SDI, HDMI, Component and Composite MPEG-2/4 encoders with QAM/ASI/IP outputs
- EAS compliant ASI, 8VSB and QAM multiplexers
- Cherry-pickers and transcoders
- EdgeQAM solutions for delivering free-to-guest HD services

Benefits

- Migrate seamlessly from various formats and platforms
- Attractive price-to-performance ratio
- Excellent quality and reliability



MFR. PART NO.	DESCRIPTION
AP-60-860A	Agile Digital/Analog Processor; +60 dBmV, 54–860 MHz Output
AQM	Agile QAM Modulator
AQP	8VSB/QAM-to-QAM Processor with Sub-Band Input
AV10E-QAM	10x AV Encoder-QAM, +60 dBmV, 5.75–864 MHz, 115 VAC
DQMx	Digital QAM Multiplexer; Shipped with (X) ASI and (Y) 8VSB/QAM Input Modules (accepts up to 4 input modules)
EQAM-420A	EdgeQAM-420A Equipped with (2) Quad-QAM Output Modules (accepts 24 unencrypted HD programs)
HD264-2S-IP	H.264 HD Encoder; 2xHD-SDI + 2xHDMI + 2xComponent Inputs; 2xIP + 4xASI Outputs
HDE-2H/2S-QAM	MPEG-2 HD Encoder; 2xHDMI + 2xHD-SDI + 4xComponent Inputs; 4xQAM + 1xGigE + 4xASI Outputs; EAS Compatible
HDE-4S-QAM	MPEG-2 HD Encoder; 4xHD-SDI + 4xComponent Inputs; 4xQAM + 1xGigE + 4xASI Outputs; EAS Compatible
IPAT	Bi-Direction GbE-to-ASI and ASI-to-GbE Transcoder
MUX-2D-QAM	Multiplexer; 2x 8VSB/QAM Inputs, Agile 54–860 MHz QAM Output, EAS Capable
MUX-12A-IP	12:4 ASI-to-IP Multiplexer; 12xASI Inputs; 4xIP(GigE) + 2xASI Outputs; EAS Compliant
SD10E-QAM	10x SD/AV Encoder-QAM, +60 dBmV, 5.75–864 MHz, 115 VAC

Network Encoders

Features

- High-quality images based on advanced technology
- Visibility enhancer technology: tone-correction technology scene
- XDNR (eXcellent Dynamic Noise Reduction)
- Dynamic Frame Integration (DFI)

Benefits

- Three codecs; H.264, MPEG-4 and JPEG Support
- Dual-encoding capability
- DEPA Advanced™; intelligent video and audio analytics (SNT-EX Series)
- ONVIF conformance (Open Network Video Interface Forum) support for IPv6



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
SNT-EP104	4-Channel Basic Function Stand-Alone Encoder	SNT-EX154	4-Channel Full Function Blade Encoder for Use with SNT-RS1U or SNT-RS3U
SNT-EP154	4-Channel Basic Function Blade Encoder for Use with the SNT-RS1U or SNT-RS3U	SNT-RS1U	1U Rack Station for up to 4 Blade Encoders, 16 Channels
SNT-EX101	1-Channel Full Function Stand-Alone Encoder, AC24V	SNT-RS3U	3U Rack Station for up to 12 Blade Encoders, 48 Channels
SNT-EX101E	1-Channel Full Function Stand-Alone Encoder, PoE	SNTA-RP1	Redundant Power Supply for SNT-RS3U
SNT-EX104	4-Channel Full Function Stand-Alone Encoder		

Analog Encoding Kit

MFR. PART NO.	DESCRIPTION
NS-BKA16	Analog Encoding Kit for the NSR-1200/1100; Can Be Connected to 16 Analog Cameras



Network Video Encoders

VIVOTEK Network Video Encoders convert video from analog cameras to IP Video streams. They also can add IP functionality to analog cameras, such as audio, motion and tamper detection, on-board storage and H.264 compression.



MFR. PART NO.	DESCRIPTION
VS8801	8-Channel H.264/MPEG-4/MJPEG Video Encoder, D1 Resolution @ 30 fps, 8-Channel Video & Audio In, 2-Way SIP Audio, 8 DI/DO, RS-485, SD/SDHC Card Slot, Rack Mountable
VS8401	4-Channel H.264/MPEG-4/MJPEG Video Server, D1 res. @ 30 fps, 4-Channel Video & Audio In, 2-Way SIP Audio, 4 DI/DO, RS-485, SD/SDHC Card Slot, Rack Mountable
VS8102	1-Channel H.264/MPEG-4/MJPEG Video Server, RS-485, DI/DO, PoE, SD/SDHC Card Slot, 2-Way Audio
VS7100	1-Channel MPEG-4/MJPEG Video Server, RS-485, DI/DO

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eBridge1CRT

Ethernet adapters transmit IP video and data over existing coax cable with the highest signal integrity and cost efficiency.

Features

- Transmits video and data more than 2,000' over coax without repeaters
- UL®/cUL Listed for Information Technology Equipment (UL 60950-1); CE Approved
- Operates on 12 to 24V AC or DC
- Cost-effective and simple upgrade of legacy coax infrastructure to advanced IP cameras and devices
- Lifetime warranty; made in USA

Benefits

- Retrofit digital IP cameras in an analog CCTV installation
- Works with megapixel, HD720, HD1080 and VGA (SD) cameras
- Upgrade deployed CCTV coax to a digital network for retail, casinos, airports, schools, hospitals, etc.
- Networks multiple IP cameras with an Ethernet switch over a single coax cable, or one IP camera with composite video and data simultaneously



MFR. PART NO.	DESCRIPTION
eBridge1CR	Ethernet Receiver Enables IP Video/Data over Coax; Operates with Compatible Cameras/Devices or eBridge1CT
eBridge1CT	Ethernet Transceiver Enables IP Video/Data over Coax; Operates with eBridge1CR
eBridge1CRT	Ethernet Receiver/Transceiver Kit Enables IP Video/Data over Coax

NetWayM — PoE Managed Midspan

Features

- Each port provides 15.4W PoE or 30W PoE+
- Programmable PoE shutdown feature for each port; disable or reset camera/edge device
- LAN or laptop connection enables Port Setup and Port Status
- Real-time port/unit status monitoring

Benefits

- UL® Listed and cUL Listed (UL294, UL60950-1)
- Safe and cost-effective power distribution over CAT5/5e/6 LAN infrastructure
- Automatic detection and protection of legacy 12 VDC IP cameras
- Compact 1U rack mount chassis — fits standard EIA 19" rack

NetWay8M



NetWay16M



NetWay1512



NetWay1



NetWayXT



NetWay3012



MFR. PART NO.	DESCRIPTION
NetWay8M	8-Port PoE Managed Midspan, IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) Compliant, 150W Total Power
NetWay16M	16-Port PoE Managed Midspan, IEEE 802.3af (PoE) and IEEE 802.3at (PoE+) Compliant, 300W Total Power
NetWay1	Single-Port PoE Injector — Port-Rated @ 15.4W Max. per IEEE 802.3af, PoE Shutdown Feature
NetWay1512	15W Midspan Adapter for Non-PoE Compliant IP Fixed Cameras
NetWay3012	30W Midspan Adapter for Non-PoE Compliant IP Fixed Cameras or PTZs
NetWayXT	Interfaces with NetWay and NetWayM Midspans to Extend Data (video) an Additional 100m (328')

PoE Accessories

Axis PoE midspans provide power (max. 15.4W per port) over Ethernet cables to network video products with built-in Power over Ethernet support. For network video products without built-in PoE support, a PoE splitter must be used to separate power and data coming over the network cable.



MFR. PART NO.	DESCRIPTION
0226-004	AXIS PoE Midspan 1-Port
5008-001	AXIS PoE Active Splitter 5V

Magnum™ 6KL Managed Edge Switches

Magnum 6KL Configurable Managed Edge Switch, base unit with four 10/100 copper ports. Select power supply with chassis choice. May be configured with a variety of 10/100/1000 MB fiber and copper ports in slots B and C. 10 ports max. Heavy-duty metal case, IP52 for environmental protection, no fans. Includes two alarm contacts (one power, one software controlled), metal bracket for vertical wall or panel mounting, DIN Rail optional. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), contact your local CSC Representative.

Features

- 10 ports maximum; up to 2 GB ports optional
- Highly configurable, all fiber port types, and up to 2 GB with SFPs; multimode and singlemode
- PoE configurable, up to 8 PoE ports; PoE+ (802.3at) available in 6KL and 10-series products
- DC power at 12V, 24V, 48V, 125V and 250V dual source; PoE; AC optional
- Contact your local CSC Representative for additional module and power supply options not listed

Benefits

- Superior modular flexibility to accommodate a wide variety of cabling topologies
- Compact form with flexible mounting options to fit in tight spaces
- Outdoor temperature hardened for use in non-environmentally controlled, sheltered locations
- Full-featured, easy-to-use GUI and CLI management feature set for security and network optimization



MFR. PART NO.	DESCRIPTION
Chassis Options	
6KL-AC	Magnum 6KL Configurable Managed Edge Switch — Base Unit with (4) 10/100 Copper Ports; AC Power Supply
6KL-24V	Magnum 6KL Configurable Managed Edge Switch — Base Unit with (4) 10/100 Copper Ports; 24 VDC Power Supply
6KL-48V	Magnum 6KL Configurable Managed Edge Switch — Base Unit with (4) 10/100 Copper Ports; 48 VDC Power Supply
6KLP-48V	Magnum 6KL Configurable Managed Edge Switch — Base Unit with (4) PoE-Enabled Data Pair 10/100 Copper Ports; 48 VDC Power Supply

Module Options	
6KL4-RJ45	6KL Module, Add (4) 10/100 Copper Ports in 6KL Slot C
PGKL4-RJ45	6KL Module, Add (4) PoE 10/100 Copper Ports in 6KL Slot C (prerequisite is 6KLP-48VDC base unit with PoE)
PP6KL4-RJ45	6KL Module, Add (4) PoE Plus 802.3at 10/100 Copper Ports in 6KL Slot C (prerequisite is either 48 VDC base unit)
6KL4-4MLC	6KL Module, Add (4) 2km Multimode SFF 100 MB LC Fiber Ports in 6KL Slot C
6KL4-2MLC2RJ	6KL Module — Add (2) 10/100 Copper and (2) 2km Multimode SFF 100 MB LC Fiber Ports in 6KL Slot C
6KL4-4MST	6KL Module — Add (4) 2km Multimode 100 MB ST Fiber Ports in 6KL Slot C
6KL4-2MST2RJ	6KL Module — Add (2) 10/100 Copper and (2) 2km Multimode 100 MB ST Fiber Ports in 6KL Slot C
6KL4-2SSC2RJ	6KL Module — Add (2) 10/100 Copper and (2) 20km Singlemode 100 MB SC Fiber Ports in 6KL Slot C
6KL-2GSFP	6KL Gig Module — (2) SFP Pluggable Open Transceiver Ports for User-Selectable SFP Gig Transceivers in Each, Configure in 6KL Slot B only
6KL-2GCU	6KL Gig Module — (2) Auto-Negotiating 10/100/1000 MB Copper Ports, Configure in 6KL Slot B only
SFP-SX	Gig Fiber Optic SFP Transceiver — 1000 MB SX, 850 nm Wavelength, 550m Distance Nominal, 2km per Power Budget
SFP-ESX	Gig Fiber Optic SFP Transceiver — 1000 MB Extended SX, 1310 nm Wavelength, 2km Distance Nominal, 3km per Power Budget
SFP-LX10	Gig Fiber Optic SFP Transceiver — 1000 MB LX, 1310 nm Wavelength, 10km Distance Nominal, 22km per Power Budget

Accessories	
DIN-RAIL-6KL	DIN Rail Holder for a Secure Vertical Mount of 6KL, with Screws to Attach to 6KL Case
MNS-6K-SECURE-LIC1	Key-Enabled Licensed Software for Use on Magnum 6K Switches; for Use on (1) 6K Switch Base Unit
CONFORM05-CRM	Conformal Coating, Silicone at 5 mil Thickness, of Interior PCBs, PS and Modules of (1) 6KL Field Switch

Magnum 10KG Managed Switch

Magnum 10KG Managed Switch chassis, front mount, with optional two hot-swap power supplies or selectable with single or dual fixed power supplies. May be factory-configured with a variety of fiber and copper port modules designed specifically for the 10 Series. Configure up to 24 ports in a mix of eight possible GB (dual-media RJ45 or SFP ports — with 1588 timing) and 16 possible 100 MB. Includes alarm contacts and metal bracket for rack mounting. For licensed network management software information (MNS-6K, MNS-6K-SECURE, S-Ring), contact your local CSC Representative.



Features

- High-density 24-port rack mount switch
- Eight possible GB ports — dual-media SFP/RJ45
- Highly configurable with a mix of 10 MB, 100 MB, and gigabit copper and fiber modules
- PoE (802.3af) available on 10/100 ports
- Dual hot-swap power supplies for high reliability

Benefits

- Superior modular flexibility to accommodate a wide variety of cabling topologies
- High port density rack mounted unit
- Outdoor temperature hardened for use in non-environmentally controlled locations
- Choose MNS-6K-SECURE software for enhanced security capability
- Available in convection-cooled or fan-cooled options for harsh environment installation flexibility



MFR. PART NO.	DESCRIPTION
Chassis Options	
10KG-AC	Magnum 10KG Managed Switch, Front Mount, with Integral Auto-Sensing Worldwide AC Power Type (100–240 VAC) Using a UL® Registered Recessed-Male IEC 320 Plug; Includes Metal Bracket for Rack Mounting
10KGP-L	Magnum 10KG Managed Switch, Front Mount, with Integral 24/48 VDC Power Supply; Supports PoE — Choose PoE Module(s) Separately; 10K4PX-RJ45 Supports PoE PLUS; Includes One Form C Alarm with NC/NO (software controllable) and Metal Bracket for Rack Mounting
10KG-L	Magnum 10KG Managed Switch, Front Mount, with Integral 24/48 VDC Power Supply; Includes 2 Alarm Contacts (1 power, 1 software controlled) and Metal Bracket for Rack Mounting
Gigabit Module Options	
10-2RJ5FP	Two Auto Media Ports for Copper RJ45 10/100/1000 Mbps or SFP; Ports Are Auto Media Detect and May Use Either RJ45 or SFP Module; Includes 1588 Timing Capability
Gigabit SFP Options	
SFP-GTP	Gig SFP Transceiver, Provides (1) 1000 MB Copper Port, RJ45 Port Type
SFP-SX	Gig Fiber Optic SFP Transceiver, 1000 MB SX, 850 nm Wavelength, 550m Distance Nominal, 2km per Power Budget
SFP-ESX	Gig Fiber Optic SFP Transceiver, 1000 MB Extended SX, 1310 nm Wavelength, 2km Distance Nominal, 3km per Power Budget
SFP-LX10	Gig Fiber Optic SFP Transceiver, 1000 MB LX, 1310 nm Wavelength, 10km Distance Nominal, 22km per Power Budget
100 MB Module Options	
10K4-RJ45	TP Module with (4) 10/100 MB Auto-Negotiating Auto-Cross RJ45 Ports
10K4PX-RJ45	PoE PLUS (802.3at) Module with (4) 10/100 MB Auto-Negotiating Auto-Cross RJ45 Ports; PoE Chassis and L Power Supply is Required with Module; Supports PoE (802.3af) or PoE PLUS (802.3at)
10K4-MLC	Fiber Module with (4) 100 MB 2km FX LC Connectors
10K4-SLC	Fiber Module with (4) 100 MB 20km Singlemode FX LC Ports
10K2-MSG	Fiber Module with (2) 100 MB 2km FX SC Connectors
10K2-MST	Fiber Module with (2) 100 MB 2km FX ST Connectors
10K2-SSC	Fiber Module with (2) 100 MB 20km Single-Mode FX SC Ports
10K4-FXSFP	SFP Module with (4) 100 MB SFP Open Transceiver Slots, for Use with any GC High Temp. Fiber or Copper 100 MB SFPs; SFPs Purchased Separately (not for GB SFPs)
100 MB SFP Options	
SFP100P-FXMM2	100FX Fiber Optic SFP Transceiver, Multimode, 2km; Premium-Rated for Harsh Environments
SFP100P-FXSM20	100FX Fiber Optic SFP Transceiver, Singlemode, 20km; Premium-Rated for Harsh Environments
SFP100P-FXSM40	100FX Fiber Optic SFP Transceiver, Singlemode, 40km; Premium-Rated for Harsh Environments
SFP100P-RJ45	100 MB Copper SFP Transceiver, 10/100 Auto-Negotiating, Premium-Rated for Harsh Environments
Accessory Options	
MNS-6K-SECURE-LIC1	Key-Enabled Licensed Software for Use on Magnum 6K Switches; for Use on (1) 6K Switch Base Unit

Magnum™ PES42 Unmanaged PoE Edge Switch

Magnum Edge Switch — selectable with mix of fiber and copper ports with PoE. Two sets of LEDs for viewing from any direction.

Features

- Standard 10/100 or PoE port selections available
- Two sets of LEDs for ease of viewing port status for different mounting options
- Available with conformal coating option for additional protection in environments with moisture, corrosion, dirt or dust
- Copper and fiber port options with all common fiber connector types available

Benefits

- Outdoor temperature rating eliminates the need for costly environmental control equipment
- PoE with optional integrated fiber ports avoids the need for a separate fiber media converter
- 4-port PoE switch can be integrated with the Magnum IPS42-AC power supply for installation ease
- Compact form factor easily fits in tight spaces common to NEMA rated enclosure installations



MFR. PART NO.	DESCRIPTION
PES42P-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with (4) 10/100 RJ45 PoE Ports and 2 Regular RJ45 10/100 Ports with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-1ST-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with a ST-Type Non-PoE 100 MB Fiber Port, (4) 10/100 RJ45 PoE Ports and a Regular RJ45 10/100 Port with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-1SC-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with a SC-Type Non-PoE 100 MB Fiber Port, (4) 10/100 RJ45 PoE Ports and a Regular RJ45 10/100 Port with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-2ST-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with 2 ST-Type Non-PoE 100 MB Fiber Ports and (4) 10/100 RJ45 PoE Ports with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-2SC-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with 2 SC-Type Non-PoE 100 MB Fiber Ports and (4) 10/100 RJ45 PoE Ports with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-1SST-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with a Singlemode ST-Type Non-PoE 100 MB Fiber Port, (4) 10/100 RJ45 PoE Ports and a Regular RJ45 10/100 Port with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-1SSC-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with a Singlemode SC-Type Non-PoE 100 MB Fiber Port, (4) 10/100 RJ45 PoE Ports and a Regular RJ45 10/100 Port with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-2SST-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with 2 Singlemode ST-Type Non-PoE 100 MB Fiber Ports and (4) 10/100 RJ45 PoE Ports with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
PES42P-2SSC-48VDC	Magnum 6-Port Premium-Rated PoE Power-Sourcing Edge Switch with 2 Singlemode SC-Type Non-PoE 100 MB Fiber Ports and (4) 10/100 RJ45 PoE Ports with Auto-Cross and Auto-Negotiating Support; Alarm Contact for Power Monitoring, 48 VDC Terminal Block for Power Input
IPS42-AC	Internal Power Supply Chassis for Use with any ES42H or ES42P Series Edge Switch, or any PES42H or PES42P PoE Edge Switch; Requires Simultaneous Ordering of an ES42 (without external power supply) as a Separate Line Item; Standard Worldwide AC Power Input via Standard IEC 320 Recessed Male Connector; UL® Listed and Surge Protected
CONFORMAL-CR-05	Conformal Coating, Silicone at 5 mil Thickness for Protection against Moisture; Coats Interior PCBs of One "Factory Floor" (smaller than full-width rack mount, non-modular) product

Magnum™ PS14P Edge Switch

Magnum PoE Convenient Switch — four IEEE 802.3af 10/100 RJ45 PoE ports in a compact package.

Features

- Four IEEE 802.3af PoE ports in a small, heavy-duty Ethernet switch
- Two models for two application environments: PES42H (hardened for the factory floor) and PES42P (premium-rated for outdoors)
- Includes metal panel mounting brackets
- Power auto-sense feature to provide power only to attached 802.3af devices

Benefits

- Cost-effectively power and connect a few small Ethernet devices at the edge of a network
- Compact size for tight space installations
- RJ45 ports support standard auto-negotiation and auto-cross to enable attaching any 10 MB or 100 MB device, regular or PoE
- Flexible mounting options include rack, panel or DIN rail



MFR. PART NO.	DESCRIPTION
PS14P-48VDC	Magnum Premium-Rated PoE Power Source Convenient Switch — (4) 10/100 RJ45 Ports, Rated for Temperature Uncontrolled (sheltered outdoor) Environments; Includes Integral -48 VDC Terminal Block for Power Input
PS14H-48VDC	Magnum Hardened PoE Power Source Convenient Switch — (4) 10/100 RJ45 Ports, Industrial Rated for Factory Floor Environments; Includes Integral -48 VDC Terminal Block for Power Input

OneReach™ PoE Extender System

- OneReach is a single system that combines optical fiber and copper conductors for long distance data and power transmission, to take PoE to 3,850' and PoE+ to 2,500' and beyond
- Pre-terminated and factory-tested products arrive ready to install
- Ideal for IP cameras, wireless access points and other powered IP devices
- Low-voltage, indoor/outdoor cable (CL3R-OF/PLTC)

Contact your local CSC Representative for information on how to build your own OneReach System



MFR. PART NO.	DESCRIPTION
81000174	PoE Remote Converter, 1-Port 10/100 MB/s, LC Duplex, MM, RJ45, M8 Power Input
81000218	PoE+ Remote Converter, 1-Port, 10/100 MB/s, LC Duplex, MM, RJ45, M8 Power Input
81000176	PoE Remote Power Port, 4-Port 10/100 MB/s, MTP(m), 62.5/125 μm MM, RJ45
81000177	PoE+ Remote Power Port, 4-Port 10/100 MB/s, MTP(m), 62.5/125 μm MM, RJ45
81000170	PoE Media Module, 1-Port (no chassis required), with External AC Power Supply
81000217	PoE+ Media Module, 1-Port (no chassis required), with External AC Power Supply
81000166	2U Power Injector Chassis, with Rear Terminal Blocks, 6 Available Slots
81000167	4U Power Injector Chassis with Rear Terminal Blocks, 12 Available Slots
81000168	PoE Power Supply Module Initial, 300W, AC Input: at least 1 Required for Every Power Injector Chassis
81000169	PoE Power Supply Module Additional 300W, AC Input
81000215	PoE+ Power Supply Module; Dual Voltage, 12 and 54 VDC 300W, AC Input
81000173	Media Module, 4-Port 10/100 MB/s, MTP 62.5/125 μm MM, RJ45
81000172	Media Module, 4-Port 10/100 MB/s, Rear LC Duplex, 62.5/125 μm MM, RJ45
81000190	Blanking Panel
BHCR02CAA04NFM8NP500*	62.5 OM1, 2 Fibers, 2 Conductors, 1-Port Assembly, 18 AWG, 500' Reel
BHCR02CDD04NFM8NP500*	62.5 OM1, 2 Fibers, 2 Conductors, 1-Port Assembly, 12 AWG, 500' Reel
BACR08CAA77NNM8NP500*	62.5 OM1, 8 Fibers, 3 Conductors, 4-Port Assembly, 18 AWG, 500' Reel
BACR08CADD77NNM8NP500*	62.5 OM1, 8 Fibers, 3 Conductors, 4-Port Assembly, 12/18 AWG, 500' Reel

* Custom lengths are available; contact your local CSC Representative for ordering information.

CL3R Composite Copper/Fiber Cable

With this all-in-one control and communications security cable, your security system can now be installed at up to several thousand feet while providing high-bandwidth data transfer speeds. These cables extend PoE devices significantly beyond the limitations of Category 5e or 6 twisted-pair cable, keeping your security system running in areas where electrical access is not readily available.

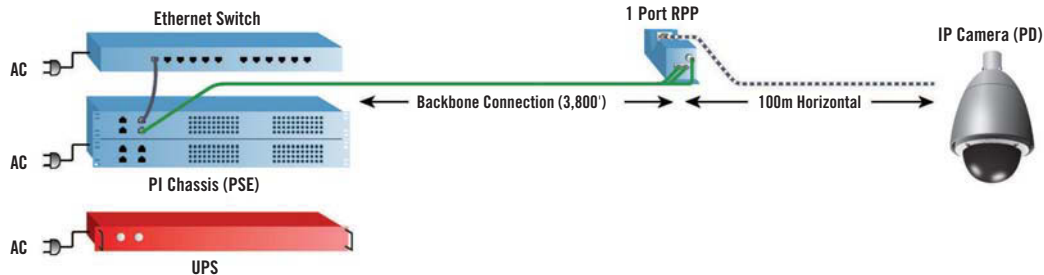


Features

- Multimode, singlemode and GIGAlite fibers
- CL3R-OF, wet- and dry-rated
- Designed for compatibility with the OneReach PoE Extender System
- Oil-resistant designs available
- Indoor/outdoor dry, water-blocked design

Benefits

- CL3R-OF/PLTC-OF allows cable to be installed in communications pathways
- Easy installation
- Broad design selection allows mix-and-match of copper and fiber components for specific networking applications
- Supports PoE+ to extended distances
- Armor option adds crush resistance and protection from rodent attacks



MFR. PART NO.	DESCRIPTION
HDRC002-002X18AWG	2-Fiber, 18 AWG, 2-Cond., 0.300" Dia., 49 lb./1,000'
HDRC002-002X12AWG	2-Fiber, 12 AWG, 2-Cond., 0.360" Dia., 93 lb./1,000'
LTRC06B012-002X18AWG	12-Fiber, 18 AWG, 2-Cond., 0.319" Dia., 49 lb./1,000'

MFR. PART NO.	DESCRIPTION
LTRC012-002X12AWG	12-Fiber, 12 AWG, 2-Cond., 0.371" Dia., 87 lb./1,000'
OPRC06B012-002X18AWG	12-Fiber, 18 AWG, 2-Cond., 0.319" Dia., 51 lb./1,000'
OPRC012-002X12AWG	12-Fiber, 12 AWG, 2-Cond., 0.371" Dia., 88 lb./1,000'

Commercial Grade Ethernet Switches with PoE

The EX17000 product family is a set of commercial-grade PoE switches with configurations from 8 to 24 ports.

Features

- Full PoE power to all ports simultaneously
- Web-managed for flexibility
- Wire-speed forwarding rate
- Fiber optic port options on some models
- 8-, 16- and 24-port PoE auto-negotiating

Benefits

- Extremely reliable edge switch to drive cameras and other end devices
- 8 to 24 ports with and without gigabit uplink capabilities in one family of switches



EX17008



EX17016



EX17082



EX17242



EX17162



MFR. PART NO.	DESCRIPTION
EX17008	8-Port 10/100 RJ45 PoE Ethernet Switch
EX17016	16-Port 10/100 RJ45 PoE Ethernet Switch
EX17082	8-Port 10/100 RJ45 PoE Ethernet Switch with 2 Gigabit SFP Combo Uplink Ports
EX17162	16-Port 10/100 RJ45 PoE Ethernet Switch with 2 Gigabit SFP Combo Uplink Ports

MFR. PART NO.	DESCRIPTION
EX17242	24-Port 10/100 RJ45 PoE Ethernet Switch with 2 Gigabit SFP Combo Uplink Ports
EX-1250NSP-SB1L	Gigabit SFP Module 1000SX MM Fiber Optic 850nm 550m
EX-1250TSP-MB2L	Gigabit SFP Module 1000SX MM Fiber Optic 1310nm 2km
EX-1250TSP-MB4L	Gigabit SFP Module 1000LX SM Fiber Optic 1310nm 10km
EX-1250TSP-MB5L	Gigabit SFP Module 1000LX SM Fiber Optic 1310nm 20km
EX-1250TSP-NB6L	Gigabit SFP Module 1000LX SM Fiber Optic 1310nm 40km

Ethernet Media Converters

In addition to converting between copper and fiber optics, Ethernet Media Converters also convert between benign and hostile environments.



EL100



EL200



EM120MCC-15



EM1100



EL50TAC



EMC1600



Features

- Plug-and-play for simple installation
- RJ45 to multimode or singlemode fiber optics
- Singlemode fiber optics to multimode fiber optics
- WDM for single-fiber operation
- Commercial and hardened grade for environmental flexibility

Benefits

- Extend Ethernet connectivity over 100km
- Convert singlemode fiber to multimode fiber
- Replace analog camera with IP camera and use the single-fiber connection with a WDM fiber interface
- Connect devices from outdoors to indoors using hardened-grade product coupled with commercial-grade product
- Compatible with fiber optic ports on Ethernet switches

MFR. PART NO.	DESCRIPTION
EL100C	Media Converter 10/100 RJ45 to MM Fiber Optic SC 2km
EL100T	Media Converter 10/100 RJ45 to MM Fiber Optic ST 2km
EL100C-20	Media Converter 10/100 RJ45 to SM Fiber Optic SC 20km
EL200CA-2	Media Converter 10/100 RJ45 to MM 1 Fiber SC A-Type
EL200CB-2	Media Converter 10/100 RJ45 to MM 1 Fiber SC B-Type
EL200CA-20	Media Converter 10/100 RJ45 to SM 1 Fiber SC A-Type
EL200CB-20	Media Converter 10/100 RJ45 to SM 1 Fiber SC B-Type
EM120MCC-15	Media Converter MM Fiber Pair SC 2km to SM Fiber Pair SC 20km
EL50TAC	Media Converter 10/100 RJ45 to MM Fiber Optic SC 2km, Operates on 24 VAC

MFR. PART NO.	DESCRIPTION
EM1100TSC	Media Converter 10/100/1000 RJ45 to MM Fiber Optic SC 850nm 550m
EM1100TSC-2	Media Converter 10/100/1000 RJ45 to MM Fiber Optic SC 1310nm 2km
EM1100TLC-10	Media Converter 10/100/1000 RJ45 to SM Fiber Optic SC 1310nm 10km
EM1100TLC-20	Media Converter 10/100/1000 RJ45 to SM Fiber Optic SC 1310nm 20km
EMC1600	Media Converter Chassis, Contains and Powers 16 Commercial Media Converter Modules

Ethernet Extenders

EtherWAN's family of Ethernet Extenders is designed to allow a user to install IP equipment and use existing phone wire or coaxial cable. A pair of Ethernet Extenders transmits Ethernet over one pair of phone wires or one coaxial cable.



Features

- Plug-and-play designs and managed designs
- Commercial and hardened products to meet every environmental challenge
- Run 50 Mbps over 300m of standard phone wire
- Run 85 Mbps over 300m of coaxial cable
- Multi-port and PoE models available

Benefits

- Install IP cameras and other IP equipment without pulling new cable
- PoE models available for powering cameras on a pole
- Connect a distant camera at the edge of a facility using existing phone cable
- Replace an analog camera with an IP camera and use existing coax cable

MFR. PART NO.	DESCRIPTION
ED3101	Ethernet Extender, Commercial, 10/100 RJ45 to RJ11 Phone Cable Wall Mount or Chassis Mount (EMC1600)
ED3141-00B	Ethernet Extender, Hardened, 10/100 RJ45 to Terminal Block or RJ11 Phone Cable, DIN Rail Mount
ED3171-00B	Ethernet Extender, Hardened, Managed, 10/100 RJ45 to Terminal Block or RJ11 Phone Cable, DIN Rail Mount
ED3142-00B	Ethernet Extender, Hardened, 10/100 RJ45 with PoE to Terminal Block or RJ11 Phone Cable, DIN Rail Mount
ED3145-40B	Ethernet Extender, Hardened, 4-Port Switch 10/100 RJ45 to Terminal Block or RJ11 Phone Cable, DIN Rail Mount
ED3146-02B	Ethernet Extender, Hardened, 2-Port Switch 10/100 RJ45 with PoE (30W) to Terminal Block or RJ11 Phone Cable, DIN Rail Mount
ED3146-22B	Ethernet Extender, Hardened, 4-Port Switch 10/100 RJ45 2-Port PoE (30W) to Terminal Block or RJ11 Phone Cable, DIN Rail Mount
ED3175	Ethernet Extender, Hardened, 8-Port Managed Switch 10/100 RJ45 with 2-Port DSL Terminal Block or RJ11 Phone Cable DIN Rail Mount
ED3331-00B	Ethernet Extender, Commercial, 10/100 RJ45 to Coaxial Cable BNC, Wall or Chassis Mount (EMC1600)
ED3341-00B	Ethernet Extender, Hardened, 10/100 RJ45 to Coaxial Cable BNC, DIN Rail Mount
ED3371-00B	Ethernet Extender, Hardened, Managed, 10/100 RJ45 to Coaxial Cable BNC, DIN Rail Mount
ED3344-00B	Ethernet Extender, Hardened with M12 Connector to Coaxial Cable BNC, DIN Rail Mount
EX-DR-30-24	24 VDC, 30W Power Supply for Any Hardened DIN Rail Mount Ethernet Extender

Hardened Ethernet Switches

Hardened PoE Ethernet Switches for use in harsh environments.

Features

- Operating temperature — -40° C to 75° C
- EMI/EMS characteristics exceed EN61000 requirements for industrial equipment
- Mechanical shock and vibration IEC60068 for industrial applications
- Full PoE IEEE802.3af to all ports
- Comply with NEMA TS2 for installation in traffic cabinets

Benefits

- Full management for flexible network design
- May be used in NEMA enclosures outdoors without heating or cooling
- Full wire speed switching
- PoE controllable per port, remote control across the network, scheduled PoE
- Built-in port security



MFR. PART NO.	DESCRIPTION
EX48050-00B	Ethernet Switch 5-Port 10/100 RJ45 PoE, Hardened, Web-Managed, Shelf Mount
EX48041-10B	Ethernet Switch 4-Port 10/100 RJ45 PoE, 1-Port 100 Fiber Optic MM SC, Hardened, Web-Managed, Shelf Mount
EX48041-A0B	Ethernet Switch 4-Port 10/100 RJ45 PoE, 1-Port 100 Fiber Optic SM 20km SC, Hardened, Web-Managed, Shelf Mount
EX78800-00B	Ethernet Switch 8-Port 10/100 RJ45 PoE, Hardened, Managed, DIN Rail Mount
EX78801-04B	Ethernet Switch 8-Port 10/100 RJ45 PoE, 1-Port 1000SX SM Fiber Optic 1310nm SC 2km, Hardened, Managed, DIN Rail Mount
EX78802-0AB	Ethernet Switch 8-Port 10/100 RJ45 PoE, 2-Port 1000LX SM Fiber Optic 1310nm SC 10km, Hardened, Managed, DIN Rail Mount
EX76400-00T	Ethernet Switch 16-Port 10/100 RJ45 PoE, Hardened, Managed, Rack Mount
EX76401-04T	Ethernet Switch 16-Port 10/100 RJ45 PoE, 1-Port 1000SX MM Fiber Optic 1310nm SC 2km, Hardened, Managed, Rack Mount
EX76402-0AT	Ethernet Switch 16-Port 10/100 RJ45 PoE, 2-Port 1000LX SM Fiber Optic 1310nm SC 2km, Hardened, Managed, Rack Mount
EX27604-00VC	Ethernet Switch 24-Port 10/100 RJ45 PoE, 4-Port 10/100/1000T RJ45 SFP Combo, Power Input 85–264 VAC U.S. Power Cord, Rack Mount
EX-DR-120-48	Power Supply Input: 85–264 VAC; Output: 48 VDC @ 120W; Use with EX48000 Series Switches, DIN Rail Mount
EX-DR-240-48	Power Supply Input: 85–264 VAC; Output: 48 VDC @ 240W; Use with EX78000 Series Switches, DIN Rail Mount
EX-DR-480-48	Power Supply Input: 85–264 VAC; Output: 48 VDC @ 240W; Use with EX76000 Series Switches, DIN Rail Mount

NOTE: Other configurations are available; contact your local CSC Representative for ordering information.

IFS Network Switches

Designed for high-bandwidth, real-time IP video performance in enterprise and industrial environments, IFS switches offer simple yet powerful built-in Web services, full-power isolated PoE, built-in diagnostics and multi-casting operation to reduce network bandwidth.

Features

- Support up to 255 multi-casting groups with full IGMP snooping and query
- Simple and intuitive browser-based Web services
- IEEE compliant for full network interoperability

Benefits

- Full interoperability with other IEEE-compliant equipment
- Media converters eliminate the additional material and labor cost of pulling new cable
- More than just discreet products, IFS transmission solutions provide a complete communication platform
- Comprehensive network management toolkit for real-time programming, status and management
- Applications — enterprise data, IP video, access control, VoIP, WAP, ITS and more



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
GE-DSSG-244-POE	Gigabit Ethernet Managed Switches: 24-Port GigE + 4 TP/SFP Stackable PoE Managed Switch	GE-DSH-82	Industrial Ethernet Managed Switches: 8-Port Fast + 2 GigE TP/SFP Industrial Managed Switch
GE-DSSG-244	Gigabit Ethernet Managed Switches: 24-Port GigE SFP + 8 TP Stackable Fiber Managed Switch	GE-DSH-82-POE	Industrial Ethernet Managed Switches: 8-Port Fast + 2 GigE TP/SFP Industrial PoE Managed Switch
GE-DSG-244	Gigabit Ethernet Managed Switches: 24-Port GigE + 4 SFP Managed Switch	MCR-R15	MCR Chassis with Internal Power Supply, 15 Slots
GE-DS-82	Fast Ethernet Managed Switches: 8-Port Fast + 2 GigE TP/SFP Managed Switch	MCR300-1T/1S	Gigabit Ethernet to SFP Media Converter
GE-DS-82-POE	Fast Ethernet Managed Switches: 8-Port Fast + 2 GigE TP/SFP PoE Managed Switch	MCR205-1T/1S	Fast Ethernet to SFP Managed Media Converter
GE-DS-242-POE	Fast Ethernet Managed Switches: 24-Port Fast + 2 GigE TP/SFP PoE Managed Switch	MCR200-1T/1CX	Fast Ethernet to Coax Media Converter, 3km
GE-DSH-73	Industrial Ethernet Managed Switches: 7-Port Fast + 3 GigE TP/SFP Industrial Managed Switch	MC250-4T/1CXT	4-Port Fast Ethernet to 1-Port Coax/UTP Industrial Media Converter
		MC355-1T/1S	Gigabit Ethernet to SFP Industrial Managed Media Converter
		MC100FX-TX-POE	Fiber-to-Fast Ethernet with PoE-AF (15.4w) Injector
		MS-POE	Fast Ethernet PoE-AF (15.4w) Mid-Span Injector
		POE302-MS	Gigabit Ethernet PoE-AT (30w) Mid-Span Injector

NOTE: Complete line of SFPs available; contact your local CSC Representative for ordering information.

NETGEAR® ProSafe® Smart Switches

For more than 10 years, NETGEAR has delivered a continuous stream of innovative networking products with style, value, performance, security and reliability. NETGEAR's switches are easy-to-use solutions for businesses that want to stay away from big IT.

Features

- Gigabit, 10-gigabit and combo ports available
- PoE
- Stackability
- Backup, disaster recovery
- Security camera plug-ins

Benefits

- Smart IT, not big IT
- Standard lifetime warranty
- Low total cost of ownership



GS110TP



GS748TP



GS724TP



MFR. PART NO.	DESCRIPTION
GS108NA	8-Port Copper Gigabit Switch
GS108P-100NAS	8-Port 10/100/1000 Switch with 4 PoE Ports
GS108PE-100NAS	8-Port Gigabit PoE Plus Switch
GS108T-200NAS	8-Port Gigabit Smart Switch
GS110T-100NAS	8-Port GE Smart Switch, 2 SFP Ports
GS110TP-100NAS	8-Port GE PoE Smart Switch with 2 Fiber SFP Slots
GS116E-100NAS	16-Port Gigabit Plus Switch
GS116NA	16-Port Desktop Gigabit Switch
GS510TP-100NAS	8-Port GE Smart Switch, 2 SFP, Maximum PoE
GS524TNA	24-Port Copper Gigabit Switch
GS605-300PAS	5-Port Gigabit Unmanaged Switch
GS605AV-100NAS	5-Port A/V Gigabit Switch
GS605NA	5-Port Gigabit Switch
GS608-300PAS	8-Port Gigabit Unmanaged Switch
GS608NA	8-Port Gigabit Switch
GS716T-200NAS	ProSafe 16-Port Gigabit Smart Switch
GS724T-300NAS	24-Port Smart Gigabit Switch
GS724TP-100NAS	ProSafe 24 GE PoE Smart Switch
GS724TPS-100NAS	24-Port GE Stackable PoE Smart Switch
GS724TS-100NAS	24-Port Gigabit Stackable Smart Switch
GS728TPS-100NAS	28-Port GE PoE Stackable Smart Switch
GS728TS-100NAS	24-Port GoE Stackable Smart Switch
GS748TNA	48-Port Smart Gigabit Switch

MFR. PART NO.	DESCRIPTION
GS748TP-100NAS	ProSafe 48-Port GE PoE Smart Switch
GS748TPS-100NAS	48-Port GE Stackable PoE Smart Switch
GS748TS-100NAS	48-Port Gigabit Stackable Smart Switch
GS752TPS-100NAS	52-Port GE Stackable Smart Switch
GS752TS-100NAS	52-Port 10/100/1000 Stackable Smart Switch with (2) 100 GbE Ports
GSM5212P-100NES	12-Port GE PoE Desktop L2 Managed Switch
GSM7212F-100NES	12-Port GE Fiber L2 Managed Switch
GSM7212P-100NES	12-Port GE PoE L2 Managed Switch
GSM7224-200NAS	24-Port GE L2 Managed Switch
GSM7224P-100NES	24-Port GE PoE L2 Managed Switch
GSM7228PL-10000S	L3 Upgraded License GSM7228PS
GSM7228PS-100NAS	24-Port GE L2 Managed PoE Stackable Switch
GSM7248-200NAS	48-Port GE L2 Managed Switch
GSM7248SK-200NAS	48-Port Managed Switch with Fiber Module Bundle
GSM7252PL-10000S	L3 Upgraded License GSM7252PS
GSM7252PS-100NAS	48-Port GE L2 Managed PoE Stackable Switch
GSM7328FL-10000S	IPV6 Software License GSM7328FS
GSM7328FS-100NAS	24 SFT Fiber 10-Gigabit L3 Stackable Switch
GSM7328S-200NAS	24-Port Stackable Gigabit L3
GSM7352S-200NAS	48-Port Stackable Gigabit L3
GSM7352SO-200NAS	48-Port GE Open Source Managed Switch

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NV-EC1701 NVT Ethernet and PoE over Coax

Features

- Transmits 10/100BASE-T full duplex Ethernet up to 2,500' over coax
- Powers PoE cameras (or other PoE devices), up to 45W
- One EoC transceiver at the network end can support up to four remote transceivers or IP/ megapixel cameras
- 48 VDC power supply with 60W capacity
- Lifetime warranty — UL®/cUL Listed, CE and RoHS Compliant

Benefits

- Uses legacy coax to reduce cost of IP deployment and need for recabling
- Expand your existing network economically by adding more IP or megapixel cameras from a single coax
- Simple to install with no addressing or configuration needed
- Supports megapixel cameras or any other 10/100BASE-T IP device
- Up to four EoC transceivers can be rack mounted in the NV-RMEC16 EoC Rack Mount Tray Kit



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
NV-EC1701	Single Ethernet over Coax (EoC) Transceiver	NV-EC1701-Kit4	4-Camera Ethernet over Coax (EoC) Kit, Includes Power Supply
NV-EC1701-Kit1	1-Camera Ethernet over Coax (EoC) Kit, Includes Power Supply	NV-PS48V-60W	Power Supply with IEC Line Cord
NV-EC1701-Kit2	2-Camera Ethernet over Coax (EoC) Kit, Includes Power Supply	NV-RMEC16	EoC Rack Mount Tray Kit
NV-EC1701-Kit3	3-Camera Ethernet over Coax (EoC) Kit, Includes Power Supply		

EoC Rack Mount Tray Kit

Ethernet over Coax IP transmission.

- Ideal for rack mounting up to four NV-EC1701 EoC transceivers and related power supplies
- Connect up to 16 IP or megapixel cameras
- Standard 19" wide, 1.7" high, 7" deep
- Includes mounting hardware and 1-to-4 power cord splitter
- EoC transceivers, power supplies and BNC adapters sold separately



MFR. PART NO.	DESCRIPTION
NV-RMEC16	EoC Rack Mount Tray Kit



NEED RACKS & CABINETS?

See pages 3-15 – 3-23 and 6-5 – 6-6



Ethernet Media Converters, Ethernet Extenders and Serial Data Device Servers

Features

- 10/100 to 100BASE-FX and gigabit models, with Link Fault Signaling for use with managed switches
- Lifetime performance warranty; multimode and singlemode models with additional connector types available
- Ethernet extenders stretch to longer than 100m over quad-cabling for industrial apps
- Serial data device servers also function as managed serial data-to-Ethernet fiber or UTP media convert

Benefits

- Link Fault Signaling allows managed switches to provide redundant path routing by sensing link failures
- Wide variety of available models addresses Ethernet and serial data requirements for convergent networks
- Ethernet extenders avoid costly recabling projects for widely spread industrial apps, e.g. petrochemicals
- Serial data device server/media converters avoid costly PLC retrofits to accommodate Ethernet connection



SIGNAMAX
CONNECTIVITY SYSTEMS

MFR. PART NO.	DESCRIPTION
065-1100	10/100BASE-T/TX to 100BASE-FX Media Converter ST Multimode, 2km Span
065-1110	10/100BASE-T/TX to 100BASE-FX Media Converter SC Multimode, 2km Span
065-1120	10/100BASE-T/TX to 100BASE-FX Media Converter SC Singlemode, 15km Span
065-1195	1000BASE-T to 1000BASE-SX, SC Multimode, 220m Span on 62.5 μm Fiber/550m Span on 50 μm Fiber
065-1195SFP	1000BASE-T to 1000BASE SFP Converter; Various SFP 1000BASE Modules Sold Separately for Flexibility
065-1196	10/100/1000BASE-T/TX to 1000BASE-SX Media Converter SC Multimode; 220m Span on 62.5 μm Fiber/550m Span on 50 μm Fiber
065-1167DIN	10/100BASE-T/TX Ethernet Extender Media Converter with Pre-Attached DIN-Rail Mount
065-1185	16-Bay Rack Mount Media Converter Chassis; Includes Redundant AC Power and Fans; for 065-11xx Series
065-1063HT	RS-232/422/485 to 10/100BASE-T/TX Hardened Device Server/Media Converter, RJ45
065-1063HFSC	RS-232/422/485 to 100BASE-FX Hardened Device Server/Media Converter SC Multimode, 2km Span

Industrial Hardened/Harsh Environment Media Converters and Switches

Features

- Media converters and 10/100 switches meet NEMA TS1/TS2 Environmental Requirements for Traffic Control Equipment
- Media converters and 10/100 unmanaged switches are UL® 1604 Class 1, Div. 2 Classified for hazardous locations
- PoE hardened switch models power up to four PoE devices (consumption levels up to 15.4 watts/port)
- Managed hardened switch supports two hardened SFP modules for fiber-extended networks in ITS applications

Benefits

- Certified for use in municipal traffic signal and highway toll/surveillance system applications
- UL 1604 certification allows use in mining, grain silo and other hazardous environments
- Saves infrastructure costs; CAT5e/6/6A cabling provides network connectivity and power to devices
- ITS and Homeland Security applications: video surveillance, traffic cameras, toll gate/barrier control



SIGNAMAX
CONNECTIVITY SYSTEMS

MFR. PART NO.	DESCRIPTION
065-1800TB	10/100BASE-T/TX to 100BASE-FX Industrial Hardened Media Converter, ST MM, 2km Span, 24 VDC Redundant Power Terminal Block
065-1810TB	10/100BASE-T/TX to 100BASE-FX Industrial Hardened Media Converter, SC MM, 2km Span, 24 VDC Redundant Power Terminal Block
065-1820TB	10/100BASE-T/TX to 100BASE-FX Industrial Hardened Media Converter, SC MM 15km Span, 24 VDC Redundant Power Terminal Block
065-1895TB	1000BASE-T to 1000BASE-SX Industrial Hardened Media Converter, SC MM, 220m (62.5 μm)/550m (50 μm), 24VDC Redundant Power Terminal Block
065-1896SFP	10/100/1000BASE-T/TX to 1000BASE SFP Industrial Hardened Media Converter, 24 VDC Redundant Power Terminal Block
065-7405TB	Unmanaged Hardened Switch with (5) 10/100 Ports, 24 VDC Redundant Power Terminal Block
065-7408GTB	Unmanaged Hardened Switch with (8) 10/100/1000 Ports, 24 VDC Redundant Power Terminal Block
065-7408PTB	Unmanaged Hardened Switch with (8) 10/100 Ports (4 ports PoE), 48 VDC Redundant Power Terminal Block
065-7408P1FXSCTB	Unmanaged Hardened Switch with (7) 10/100 Ports (4 ports PoE) + (1) 100BASE-FX SC MM Port, 2km Span, 48 VDC Redundant Power Terminal Block
065-7714HSFPTB	12-Port 10/100 Hardened Managed Switch + 2 SFP/RJ45 Gigabit Dual Media Ports

Power over Ethernet (PoE) Ethernet Switch & SFP Gigabit Fiber Optic Modules

- 802.3af PoE PSE (Power Source Equipment) reduces infrastructure costs
- Auto-detects PoE powered devices; fault, ± current and heat protection
- Switch intelligently monitors/senses PoE PD's loads/consumption levels
- Small Form-Factor Pluggable (SFP) fiber modules support extended networks



SIGNAMAX™
CONNECTIVITY SYSTEMS

MFR. PART NO.	DESCRIPTION
065-7726SPOE	24-Port 10/100 Managed PoE Switch + 2 SFP/RJ45 Dual Media Ports
065-79SXMG	1000BASE-SX SFP Module — MM/LC, 220m Span on 62.5 μm Fiber/550m Span on 50 μm Fiber
065-79XEDMG	1000BASE-SX SFP Module 1310 nm — MM/LC, 2km Span
065-79LXMG	1000BASE-LX SFP Module 1310 nm — SM/LC, 10km Span
065-79LXEDMG	1000BASE-LX SFP Module 1310 nm — SM/LC, 40km Span

Industrial-Managed Power over Ethernet Plus (PoE+) Switches

Signamax's Managed Hardened PoE+ Industrial DIN rail Mount Switches are designed to support the IEEE 802.3at PoE+ (30W) standard to handle PTZ IP cameras in rugged, extreme temperature conditions.

Features

- Built-in DIN rail mount and desktop configurations with 1000BASE SFP and 100BASE SFP slots available
- Fully hardened (IP30 case, -40° C to 75° C temperature range certified)
- Full SNMP management package with IGMP snooping
- RecoverRing™ capability for <15 ms recovery when switches are connected in a ring architecture
- PoE+ (30W) capability allows support of PTZ IP cameras

Benefits

- Fully managed switches allow remote monitoring and control
- Full SNMP management allows these switches to be used in star, ring or mesh network architectures
- Gigabit Ethernet connections provide high bandwidth inter-switch and/or server connectivity
- Alarm notifications when devices or inter-switch ports are compromised provide network security and reliability
- Permit use of PTZ cameras for better area coverage in perimeter and campus security applications



SIGNAMAX™
CONNECTIVITY SYSTEMS

MFR. PART NO.	DESCRIPTION
065-7705HPOEP	4-Port 10/100 PoE+ Hardened Managed Switch + 1 Gigabit SFP Port
065-7706HPOEP	4-Port 10/100 PoE+ Hardened Managed Switch + 2 Gigabit SFP Ports
065-7710HPOEP	8-Port 10/100 PoE+ Hardened Managed Switch + 2 Gigabit SFP Ports
065-7710H6POEP	8-Port 10/100 PoE+ with 6-Port PoE+ Hardened Managed Switch + 2 Gigabit SFP Ports
065-7712HPOEP	8-Port 10/100 PoE+ Hardened Managed Switch + 2 100BASE SFP Ports + 2 Gigabit SFP Ports
065-7708HPOEP	6-Port 10/100 (4 PoE+ ports) Hardened Managed Switch + 2 SFP/RJ45 Gigabit Dual Media Ports
065-7708HPM	Panel Mounting Hardware for 065-7708HPOEP
065-7708HRM	19" Rack Mounting Hardware for 065-7708HPOEP
065-79SXMG-H	1000BASE-SX Hardened SFP Module 850 nm — MM/LC, 220m on 62.5μm Fiber/550m on 50μm Fiber, -40° F to 185° F (-40° C to 85° C)
065-79LXMG-H	1000BASE-LX Hardened SFP Module 1310 nm — SM/LC, 10km, -40° F to 185° F (-40° C to 85° C) Operation
065-79LXEDMG-H	1000BASE-LX Hardened SFP Module 1310 nm — SM/LC, 40km, -40° F to 185° F (-40° C to 85° C) Operation
065-79XDMG-H	1000BASE-LX Hardened SFP Module 1550 nm — SM/LC, 40km, -40° F to 185° F (-40° C to 85° C) Operation
065-79ZXMG-H	1000BASE-LX Hardened SFP Module 1550 nm — SM/LC, 80km, -40° F to 185° F (-40° C to 85° C) Operation
065-79EZXMG-H	1000BASE-LX Hardened SFP Module 1550 nm — SM/LC, 110km, -40° F to 185° F (-40° C to 85° C) Operation

NOTE: Optional mounting hardware kits and Hardened SFP Gigabit Ethernet Modules sold separately; contact your local CSC Representative for ordering information.

PoE Switches, Media Converters and Injectors

Combine power and data on the same UTP cabling. Transition's full line of feature-rich PoE products ease installation and power location concerns, allowing your network to have the necessary flexibility and scalability to expand and grow.



Features

- Built to meet IEEE 802.3af PoE standards
- Varied port counts and configurations available for all PoE applications
- Provide up to 15.4W of DC power to each connected device (PD)
- Enhanced network security features
- Overcurrent and undercurrent protection

Benefits

- Enable enterprises to provide power to network devices over the existing UTP data connection
- Power IP cameras, VOIP phones and wireless access points
- Connect remote PoE segments, like outdoor surveillance cameras, to the network over fiber optics
- PoE provides great flexibility for network design and future moves, additions and changes



MFR. PART NO.	DESCRIPTION
SPOEB1011-100	PoE Media Converter 10/100B-TX to 100B-FX 1300 nm MM ST, 2km
SPOEB1013-100	PoE Media Converter 10/100B-TX to 100B-FX 1300 nm MM SC, 2km
SPOEB1014-100	PoE Media Converter 10/100B-TX to 100B-FX 1310 nm SM SC, 20km
SGPOE1013-100	Gigabit PoE Media Converter 10/100/1000B-T to 1000B-SX 850 nm MM SC, 2km
SGPOE1014-100	Gigabit PoE Media Converter 10/100/1000B-T to 1000B-SX 1310 nm MM SC, 10km
SGPOE1040-100	Gigabit PoE Media Converter 10/100/1000B-T to 100/1000B-X SFP Slot
MIL-SM802GAF	8-Port 10/100 Managed PoE Switch with (4) PoE Ports and (1) SFP/Copper Port
MIL-SM8TXAF2GPA	8-Port 10/100 Managed PoE Switch with (2) SFP Combo Ports
MIL-SM24TAF4GPA	24-Port 10/100/1000 Managed PoE Switch with (4) 100/1000 SFP Combo Ports
L1000i-at	10/100/1000BASE-T 1-Port PoE+ Injector
MIL-L100i	10/100 1-Port PoE Injector
MIL-SM8TAF1GPB	8-Port 10/100/1000 Managed PoE Switch with (1) Gigabit SFP Combo Port

Hardened/Harsh Environment PoE+ and PoE Switches

Transition's hardened PoE+ and PoE switches are designed to combine data received over a fiber link with -50 VDC power, providing power to devices over UTP cabling in outdoor enclosures and harsh environments.

Features

- Built to meet IEEE 802.3at (PoE+) and 802.3af (PoE) standards
- Varied port counts and configurations available for all outdoor or harsh environment PoE applications
- Advanced management, redundancy and security features in a rugged device
- Overcurrent and undercurrent protection

Benefits

- Connect remote PoE segments, like outdoor surveillance cameras, to the network over fiber optics
- Eliminate the need for individual power supplies for powered equipment like IP cameras and access points
- Extended operating temperature range allows installation in unconditioned outdoor enclosures and industrial environments
- Redundant DC power input options



MFR. PART NO.	DESCRIPTION
SISPM1040-384-LRT	8-Port 10/100 Managed Industrial Rated PoE+ Switch with (4) Gigabit SFP Combo Ports, -40 to 70° C
SISTP1040-242-LRT	4-Port 10/100/1000 Unmanaged Industrial Rated PoE+ Switch with (2) 1000BASE-X SFP Ports, -40 to 70° C
SISPM1040-182D-LRT	8-Port 10/100 Managed Industrial Rated PoE Switch with (2) Gigabit Combo Ports, -40 to 65° C
SISTP1011-141-LRT	4-Port 10/100 Unmanaged Industrial Rated PoE Switch to 100B-FX 1300 nm MM (SC) 2km, -40 to 65° C
SISTP1014-141-LRT	4-Port 10/100 Unmanaged Industrial Rated PoE Switch to 100B-FX 1310 nm SM (SC) 20km, -40 to 65° C

Ethernet Switches and Media Converters

IP video is a convenient, scalable and cost-effective surveillance solution. Users can support IP video on the same cabling that provides network connectivity, so video surveillance can easily be transmitted to any PC on the network and accessed anytime.

Features

- Scalable, standards-based solution for building IP surveillance networks of any size
- Compatible with any Ethernet network
- Small form factor for space-constrained installations
- Lifetime warranty on Media Converters and 5-year warranty on Ethernet Switches

Benefits

- Extend surveillance reach over fiber with copper-to-fiber media conversion
- Eliminate RFI and EMI noise and interference
- Integrate chassis and slide-in-card solution to centralize video signals in your surveillance center
- Utilize Power over Ethernet (PoE) to deliver power to cameras over UTP cabling



Media Converters

MFR. PART NO.	DESCRIPTION
E-100BTX-FX-05	Fast Ethernet Media Converter 100B-TX to 100B-FX 1300 nm MM (ST), 2km
E-100BTX-FX-05(SM)	Fast Ethernet Media Converter 100B-TX to 100B-FX 1310 nm SM (SC), 20km
M/E-PSW-FX-02	Miniature Fast Ethernet Media Converter 10/100B-TX to 100B-FX 1300 nm MM (ST), 2km
M/E-PSW-FX-02(SC)	Miniature Fast Ethernet Media Converter 10/100B-TX to 100B-FX 1310 nm SM (SC), 20km
SGFEB1013-120	Gigabit Ethernet Media Converter 10/100/1000B-T to 1000B-SX 850 nm MM (SC), 550m
SGFEB1014-120	Gigabit Ethernet Media Converter 10/100/1000B-T to 1000B-LX 1310 nm SM (SC), 20km
M/GE-PSW-SX-01	Miniature Gigabit Ethernet Media Converter 10/100/1000B-T to 1000B-SX 850 nm MM (SC), 550m
M/GE-PSW-LX-01	Miniature Gigabit Ethernet Media Converter 10/100/1000B-T to 1000B-LX 1310 nm MM (SC), 10km
CPSMC1900-100	19-Slot Point System Chassis for Consolidating Converter Cards with AC Power Supply
CFETF1011-110	Fast Ethernet Media Converter Card 100B-TX to 100B-FX 1300 nm MM (ST), 2km
CFETF1014-110	Fast Ethernet Media Converter Card 100B-TX to 100B-FX 1310 nm SM (SC), 20km
CGFEB1013-120	Gigabit Ethernet Media Converter Card 10/100/1000B-T to 1000B-SX 850 nm MM (SC), 550m
CGFEB1014-120	Gigabit Ethernet Media Converter Card 10/100/1000B-T to 1000B-LX 1310 nm SM (SC), 10km

Ethernet Switches

MFR. PART NO.	DESCRIPTION
MIL-SM24T4DPA	Managed 24-Port 10/100/1000 Ethernet Switch with (4) 100/1000 BASE-X SFP/RJ45 Combo Ports and IPV6
MIL-SEM24T4GPA	Managed 20-Port 10/100/1000 Switch with (4) SFP/RJ45 Combo Ports
MIL-S24T2GPA	Unmanaged 22-Port 10/100/1000 Switch with (2) SFP/RJ45 Combo Ports
MIL-S8TA	Unmanaged 8-Port 10/100/1000 Switch
S24TXA	Unmanaged 24-Port 10/100 Switch



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IN UNDER 2 MINUTES!***

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Reduce configuration time by OVER 60%



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FTLportal.com***



CSC/FTL Optimized Servers

FTL Video Servers and Storage Solutions — *Faster Than Light*

Servers, storage and workstations for surveillance video recording/monitoring.

- Customized for OnSSI, IPConfigure, Milestone, PELCO and other security software
- All hardware includes Dell manufacturer warranties
- SPI (Surveillance Performance Index) ratings included on all servers
- Technical configuration assistance at www.FTLportal.com
- Optional video management software

Optimized FTL Servers

General Specifications: Storage/Server/DVD R/W. 1 TB-ES.2 SATA2, 8 GB DDR2, Software: Windows® 2008 Server, 1U Rack

MFR. PART NO.	DESCRIPTION
DE1TB380Q2A	1 TB Server/Storage, 2-Slot Processor RAID1, 250 GB X 2 for OS
DE2TB380Q2A	2 TB Server/Storage, 2-Slot Processor RAID5
DE3TB380Q2A	3 TB Server/Storage, 2-Slot Processor RAID5
DE4TB480B	4 TB Server/Storage, 2-Slot Processor RAID5, 250 GB X 2 for OS (includes 2.6 GHz 6 core)
DE4TB480B62	Same as above with Dual 6 Core
DE5TB480B	5 TB Server/Storage, 2-Slot Processor RAID5, 250 GB X 2 for OS (includes 2.6 GHz 6 core)
DE4TB480B62	Same as above with Dual 6 Core

Warranty: Three-year 5x10 Hardware On-Site Next Business Day.

FTL Storage

General Specifications: Direct Access Storage. RAID5 1 TB-ES.2 Expandable. Works with MicroSoft®, Linux and MAC. 2U Rack

MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
ESIOM3DAS	3 TB DAS Storage	ESIOM10DAS	10 TB DAS Storage
ESIOM4DAS	4 TB DAS Storage	ESIOM11DAS	11 TB DAS Storage
ESIOM5DAS	5 TB DAS Storage	ESIOM12DAS	12 TB DAS Storage
ESIOM6DAS	6 TB DAS Storage	ESIOM13DAS	13 TB DAS Storage
ESIOM7DAS	7 TB DAS Storage	ESIOM14DAS	14 TB DAS Storage
ESIOM8DAS	8 TB DAS Storage	ESIOM15DAS	15 TB DAS Storage
ESIOM9DAS	9 TB DAS Storage		

Warranty: Three-year 5x10 (on-site available).

FTL IP Surveillance Systems are comprised exclusively of these FTL Certified components:

- FTL Video Servers & Storage Solutions
- Video Management Software (pre-installation available)
- Free Standing or Wall Mount Cabinets with Rack Rails
- Uninterruptible Power Supplies (UPS)
- CAT6 Rated Patch Cables
- CAT6 Rated Patch Panels
- CAT6 Rated Horizontal UTP Cabling
- Network Switches with Power over Ethernet (PoE)
- IP Video Surveillance Cameras and Encoders

FTL IP Surveillance Systems include products from these FTL Certified Partners:

- Axis Communications
- Belden
- CommScope
- Chatsworth Products, Inc.
- Eaton
- Milestone
- OnSSI
- Panduit
- Sony

exacqVision VMS (Video Management Software) System



Hybrid Servers (EL Series, A Series and Z Series)

Make the most of existing analog cameras with an exacqVision hybrid server. Available in EL Series, A Series and Z Series, the exacqVision hybrid servers allow you to connect both analog and IP cameras to the same device. These servers are pre-configured with the exacqVision video management system software (Start, Pro or Enterprise). Configurable options include analog inputs (up to 64 per server), IP inputs (up to 128 per server), images per second for analog cameras, hard drive storage, RAID configuration, processor and more.



IP Camera Servers (EL Series, A Series and Z Series)

The exacqVision IP camera server is pre-configured and built specifically for network video surveillance. Servers are available in EL Series, A Series and Z Series configurations with exacqVision Start, exacqVision Pro or exacqVision Enterprise VMS software. Configurable options include IP inputs (up to 128 per server), hard drive storage, RAID configuration, processor and more.



Completely Scalable Series of Hybrid and IP Camera Servers

The exacqVision solution is completely scalable, regardless of the type of server. Connect to a server or any number of servers with the free client software. Add cameras and servers to your system as needed.

Easy-to-Use Cross-Platform VMS Software and Apps

ExacqVision VMS is easy to install, administrate and use. The server software is available for Windows® and Linux operating systems while the client software runs on Windows, Linux and Macintosh®. All these components are cross-compatible. The freely distributed exacq Mobile app is available for iPhone®, iPod touch®, iPad® and Android™ devices.

Software Only/Commercial Off-the-Shelf Servers

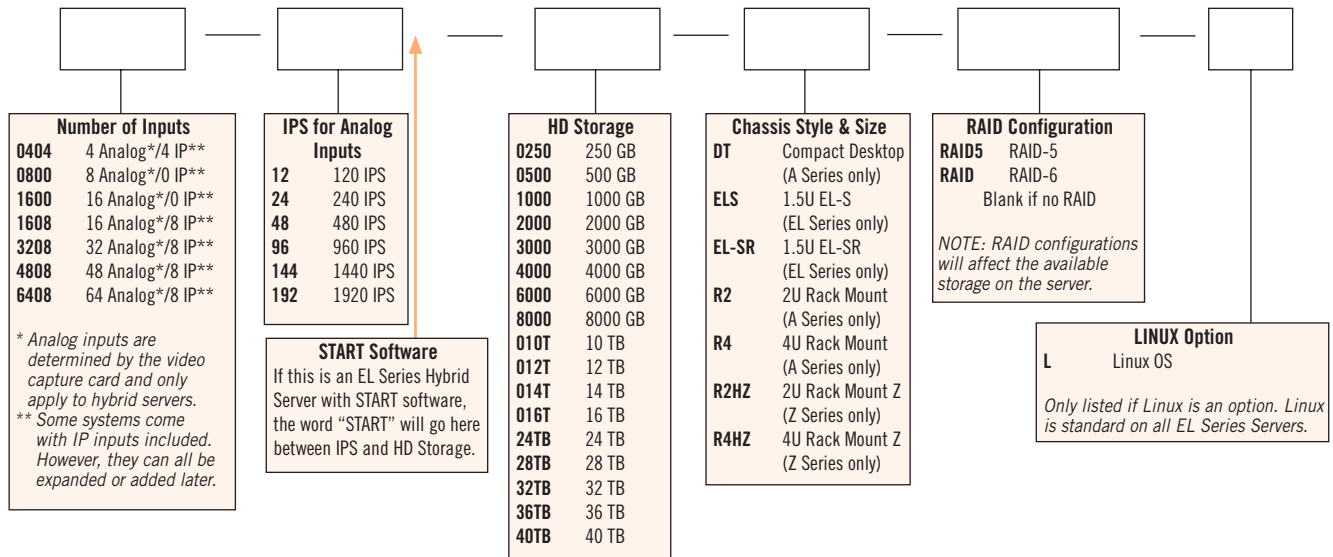
The exacqVision VMS software can be installed on commercial off-the-shelf (COTS) servers for customers who prefer to build and/or sell their own servers. Both the server and client software are free to an unlimited number of users. Though sold separately, IP camera licenses can be purchased and installed at any time. For ease of installation, camera licenses are assigned to the MAC address of the server and not the MAC address of the camera.

exacqVision 3 & 3

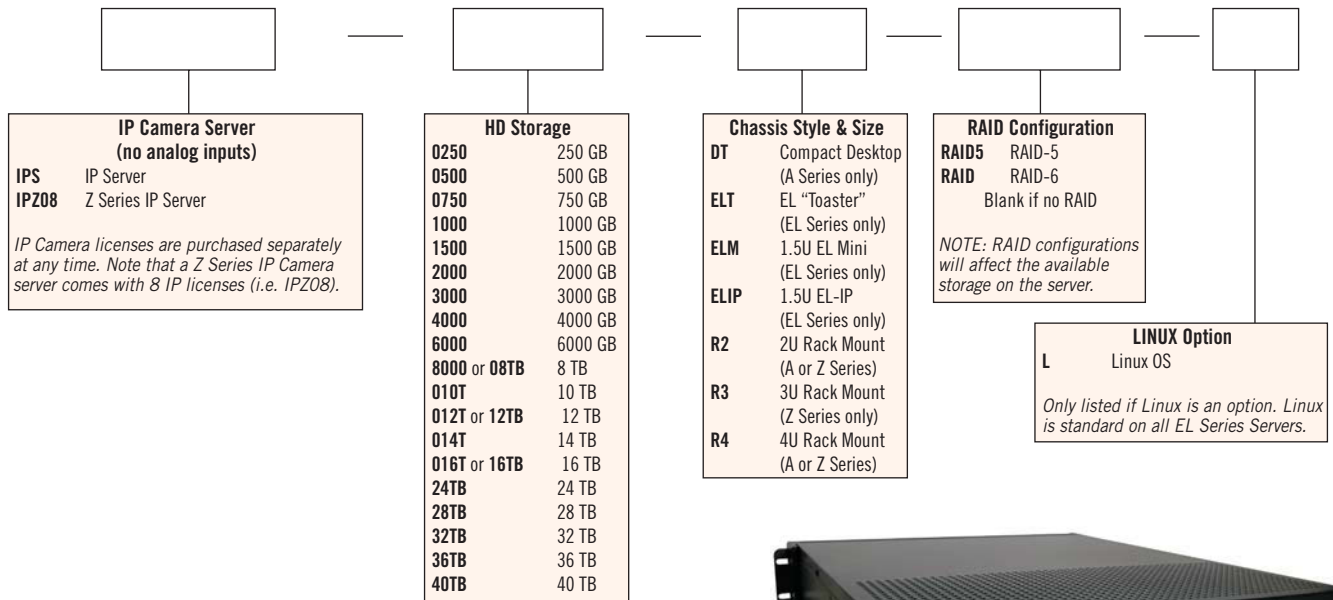
Every exacqVision server (hybrid or IP Camera server) is guaranteed for three years and includes three years of software upgrades.



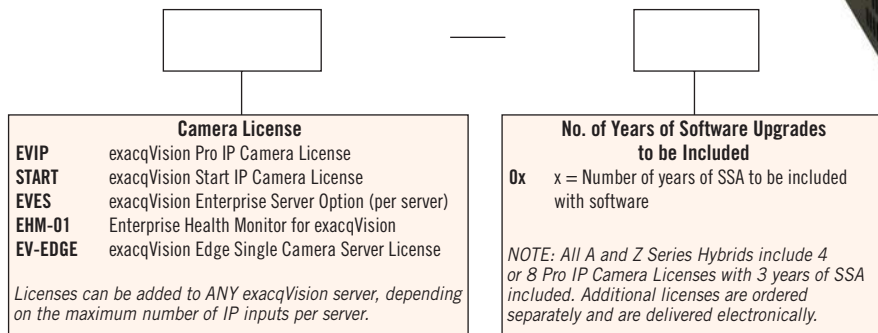
exacqVision Hybrid Servers (analog & IP cameras) Configurator



exacqVision IP Camera Servers Configurator



exacqVision IP Camera License Configurator



IP Server

The IPE1CH allows easy “add-on” IP connectivity to existing CCTV systems and allows migration IP technology. It supports 2-way audio and RS-485 connection for PTZ integration.

Features

- BNC with looping to IP video stream
- D1 704 x 576 resolution
- Dual-stream, H.264 and MJPEG compression
- 64-channel VMS — ATVision IP
- PoE and 12 VDC/24 VAC power options

Benefits

- Cost-effective solution for migration to IP systems
- ONVIF compatibility ensures proper operation with peripheral equipment
- Factory support and assistance
- License-free VMS reduces cost of ownership
- Widely accepted web browser interface for uncomplicated viewing



MFR. PART NO.	DESCRIPTION
IPE1CH	IP Server, 1-Channel, TDN, Dual Stream, D1 720 x 480, 64-Channel VMS, 12/24/PoE, ONVIF

NETGEAR® ReadyNAS Storage

NETGEAR's ReadyNAS storage systems store, share and protect data for home and business users. ReadyNAS Business Storage is a smarter way to solve storage problems.

Features

- Multiple bay options
- Gigabit Ethernet support
- Server virtualization
- Cross-platform support for Windows®, Macintosh® and UNIX/Linux systems

Benefits

- Smart IT, not big IT
- Best-in-class warranties
- Low total cost of ownership



ReadyNAS 3100



ReadyNAS 4200



MFR. PART NO.	DESCRIPTION
RN12G0620-100NAS	ReadyNAS 4200, 12 TB (6 x 2), 10 GBE
RN12G1220-100NAS	ReadyNAS 4200, 24 TB (12 x 2), 10 GBE
RN12P0610-100NAS	ReadyNAS 3200, 6 TB (6 x 1)
RN12P0620-100NAS	ReadyNAS 3200, 12 TB (6 x 2)
RN12P1210-100NAS	ReadyNAS 3200, 12 TB (12 x 1)
RN12P1220-100NAS	ReadyNAS 3200, 24 TB (12 x 2)
RN12S0620-100NAS	ReadyNAS 4200, 6 x 2 TB, 10 GE (SFP+)
RN12S1220-100NAS	ReadyNAS 4200, 12 x 2 TB, 10 GE (SFP+)
RN12T0620-100NAS	ReadyNAS 4200, 12 TB (6 x 2)
RN12T0630-100NAS	ReadyNAS 4200, 18 TB (6 x 3)
RN12T1210-100NAS	ReadyNAS 4200, 12 TB (12 x 1)
RN12T1220-100NAS	ReadyNAS 4200, 24 TB (12 x 2)
RN12T1230-100NAS	ReadyNAS 4200, 36 TB (12 x 3)
RNDP400U-100NAS	ReadyNAS Ultra 4 Plus
RNDP4210-100NAS	ReadyNAS Pro 4, 2 TB, 1 TB
RNDP4410-100NAS	ReadyNAS Pro 4, 4 x 1 TB
RNDP4410D-100NAS	ReadyNAS Pro 4, 4 x 1 TB, DT, HDD
RNDP4420-100NAS	ReadyNAS Pro 4, 4 x 2 TB
RNDP4420D-100NAS	ReadyNAS Pro 4, 4 x 2 TB, DT, HDD
RNDP4430-100NAS	ReadyNAS Pro 4, 12 TB (4 x 3)
RNDP4430D-100NAS	ReadyNAS Pro 4, 4 x 3 TB, DT, HDD

MFR. PART NO.	DESCRIPTION
RNDP6310-200NAS	ReadyNAS Pro 6-Bay, 3 x 1 TB
RNDP6610-200NAS	ReadyNAS Pro 6-Bay, 6 x 1 TB
RNDP6610D-200NAS	ReadyNAS Pro 6, 6 x 1 TB, DT, HDD
RNDP6620-200NAS	ReadyNAS Pro 6-Bay, 6 x 2 TB
RNDP6620D-200NAS	ReadyNAS Pro 6, 6 x 2 TB, DT, HDD
RNDP6630-200NAS	ReadyNAS Pro 6, 18 TB (6 x 3)
RNDP6630D-200NAS	ReadyNAS Pro 6, 6 x 3 TB, DT, HDD
RNRP4410-100NAS	ReadyNAS 3100, 4 TB (4 x 1)
RNRP4420-100NAS	ReadyNAS 3100, 8 TB (4 x 2)
RNRP4430-100NAS	ReadyNAS 3100, 12 TB (4 x 3)
RNRX4410-100NAS	ReadyNAS 2100, 4 x 1000 GB, HDD
RNRX4410D-100NAS	ReadyNAS 2100, 4 x 1000 GB, DT HDD
RNRX441E-100NAS	ReadyNAS 1500, 4 TB (4 x 1)
RNRX4420-100NAS	ReadyNAS 2100, 4 x 2000 GB, HDD
RNRX4420D-100NAS	ReadyNAS 2100, 4 x 2000 GB, DT, HDD
RNRX442E-100NAS	ReadyNAS 1500, 8 TB (4 x 2)
RNRX4430-100NAS	ReadyNAS 2100, 12 TB (4 x 3)
RNRX4430D-100NAS	ReadyNAS 2100, 12 TB (4 x 3), DT, HDD
RNRX443E-100NAS	ReadyNAS 1500, 12 TB (4 x 3)
RNRX4450-100NAS	ReadyNAS 2100, 4 x 500 GB, HDD

Network Surveillance Servers



NSR-S20



NSR-1200/4T



NSR-S20/2T



NSR-500

Features

- Hybrid recording (analog/IP, SD/HD)
- Open platform (supports IP cameras of some other brands)
- Easy setup and intuitive operation
- IP/analog camera support with up to 2 TB of storage

Benefits

- Easy to migrate from analog to IP camera systems
- Easy to migrate to large-screen HDTV display systems
- Easy to migrate to HD camera systems
- Open platform

MFR. PART NO.	DESCRIPTION
NSR-S20	8-Channel Full HD Network Surveillance Server; No Internal HDD
NSR-S20/2T	8-Channel Full HD Network Surveillance Server with a 2 TB Internal HDD
NSR-500	16-Channel Full-HD Network Surveillance Server
NSR-500/4T	16-Channel Full-HD Network Surveillance Server with a 4 TB Internal HDD

MFR. PART NO.	DESCRIPTION
NSR-1200/4T	64-Camera Network Surveillance Server with a 4 TB Internal HDD
NSR-S10	4-Camera Network Surveillance Server without HDD
NSR-S10/1T	4-Camera Network Surveillance Server with a 1 TB Internal HDD

Network Surveillance Server Accessories



USB Joystick Controller

MFR. PART NO.	DESCRIPTION
IPDESKTOPUSB	USB Joystick Controller for NSR-1000 Series and IMZ-NS Software



IPDESKTOPUSB

Storage Rack Units and Rack Mount Kit

MFR. PART NO.	DESCRIPTION
NVR-1820U	Promise iSCSI 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply; Supports up to 8 Drives; RAID 6 Storage Capability, No HDD Included
NVR-1820UD	Promise iSCSI 8 TB 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply and 8 x 1 TB HDD; Preconfigured for RAID 5 with a Spare HDD
NVR-1830U	Promise iSCSI 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply; Supports up to 12 Drives; RAID 6 Storage Capability, No HDD Included
NVR-1830UD	Promise iSCSI 12 TB 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply and 12 x 1 TB HDD; Preconfigured for RAID 5 with a Spare HDD
NVR-1840U	Promise iSCSI 3U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply; Supports up to 16 Drives; RAID 6 Storage Capability, No HDD Included
NVR-1840UD	Promise iSCSI 16 TB 3U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply and 16 x 1 TB HDD; Preconfigured for RAID 5 with a Spare HDD
NSR-RM1	Rack Mount Kit For NSR-1000 Series



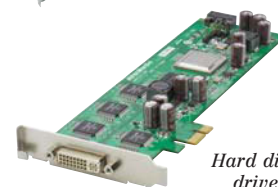
Storage rack unit



NSR-RM1

Hard Disk Drives

MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
NSBK-HS05/1T	1 TB Hard Disk Drive for the NSR-500	NSBK-250	Replacement HDD for/Additional HDD for NSR-25
NSBK-HS05/2T	2 TB Hard Disk Drive for the NSR-500	NVR-CARRIER	Hard Disk Drive Carrier
NSRE-S200/4T	4 TB SAS Expansion Storage Unit		
NVR-SHD1T	1 TB SATA Hard Disk Drive Unit		



Hard disk drive

Additional Accessories

MFR. PART NO.	DESCRIPTION
NSBK-CL05/04	Additional Camera License for the NSR-500
NVR-BEZEL2U	2U Front Door for NVR-1830U, NVR-1830UD, NVR-1820U, NVR-1820UD and NVR-J1830U
NVR-BEZEL3U	3U Front Door for NVR-1840U, NVR-1840UD and NVR-J1840U
NVR-J1830U	Promise JBOD Expansion Storage Unit for NVR-1830U, NVR-1820U, NVR-1830UD and NVR-1820UD; Supports up to 12 Drives
NVR-J1840U	Promise JBOD Expansion Storage Unit for NVR-1840U and NVR-1840UD; Supports up to 16 Drives
NVR-RAIL2U	2U Slide Rail Kit for NVR-1830U, NVR-1830UD, NVR-1820U, NVR-1820UD and NVR-J1830U
NVR-RAIL3U	3U Slide Rail Kit for NVR-1840U, NVR-1840UD and NVR-J1840U
RM-NS1000	System Controller for the NSR-1000 Series Recorders and IMZ-NS Series Intelligent Monitoring Software

IP/Network Video Recorder (NVR)

Compact, 19" rack mount or desktop 16-channel network video recorder. Full HD recording resolution, removable HDDs, e-SATA and NAS compatible. License-free recording VMS-ONVIF.



Features

- Compact desktop or rack mount configuration in 1U
- Removable HDD bays for easy HDD installation and service
- High-resolution full HD recording capability
- Supports various network external storage device protocols
- Supports iPhone® and BlackBerry® mobile devices

Benefits

- Cost-effective solution to meet customer's IP camera needs
- Easy-to-use GUI for setup and operation to lower installation time
- Single, full-line manufactured product to ensure compatibility
- ONVIF compatibility ensures proper operation with peripheral equipment
- Factory support and assistance



MFR. PART NO.	DESCRIPTION
NVR16	IP NVR, 16-Channel, H.264, Full-HD 1920 x 1080, 720p, D1, 2CIF, CIF, Removable HDDs, e-SATA, NAS, ATVisionPro VMS, iPhone, BlackBerry

NOTE: Contact your local CSC Representative for additional products.

DIGIOP Purpose-Built Recording Solutions



All DIGIOP Purpose-Built Recording Solutions include the following benefits:

- DIGIOP ELEMENTS™ video and data software
- Come with 4 free IP licenses
- No recurring licensing fees
- No licensing fees for client software
- Dell 3-year hardware warranty

EI Series & AI Series NVRs

- Up to 32 cameras — ideal applications: small- to medium-size businesses or enterprise-level IP applications (EI Series)
- Up to 32 cameras — ideal applications: small- to medium-size businesses or enterprise-level IP applications demanding greater storage space, higher resolutions, frame rates or video archival (AI Series)
- Open platform integrates with common manufacturer devices
- Data integrations include POS, Access Control and Advanced Analytics
- Easy access to video and data from anywhere via the Internet
- Dual network cards

EI Series, OptiPlex XE Chassis, 4-Channel Network Video Recorder



MFR. PART NO.	DESCRIPTION
EI4000 Series	Expandable to 32 Channels, 4 GB RAM, Available HDD: 500 GB, 1 TB, 2 TB, 4 TB, Core 2 Duo CPU

AI Series, OptiPlex 990 Chassis, 4-Channel Network Video Recorder



MFR. PART NO.	DESCRIPTION
AI5000 Series	Expandable to 32 Channels, 4 GB RAM, Available HDD: 6 TB, Core i7 CPU

TruVision™ NVR 20

- Entry-level pricing for an IP system
- Plug-and-play IP video storage devices
- Simple, yet powerful live viewing and storage of up to 16 IP devices
- Onboard storage capacity of up to 16 TB



MFR. PART NO.	DESCRIPTION
TVN-2008-2T	8-Channel IP Camera Network Video Recorder, 2 TB JBOD Storage, U.S. Power Cord
TVN-2008-4T	8-Channel IP Camera Network Video Recorder, 4 TB JBOD Storage, U.S. Power Cord
TVN-2008-8T	8-Channel IP Camera Network Video Recorder, 8 TB JBOD Storage, U.S. Power Cord
TVN-2016-8T	16-Channel IP Camera Network Video Recorder, 8 TB JBOD Storage, U.S. Power Cord
TVN-2016-16T	16-Channel IP Camera Network Video Recorder, 16 TB JBOD Storage, U.S. Power Cord

TruVision™ Line NVR 40 Network Video Recorders

- 12- or 24-channel cost-effective IP-based network recorder
- TruVision Navigator management software compatible
- Support Interlogix and third-party IP cameras
- Up to 4 TB of onboard storage



MFR. PART NO.	DESCRIPTION
TVN-4002-12-2T	Supports 12 IP Cameras, 2 TB JBOD Storage, 4 Alarm Inputs
TVN-4004-24-4T	Supports 24 IP Cameras, 4 TB JBOD Storage, 4 Alarm Inputs

Network Video Recorders

JVC's 2012 network video recorders provide superior image quality and reliability for a wide variety of security applications.

- H.264 high-profile/MPEG-4/JPEG multi format
- Built-in 1 TB storage with 3 HDD expansion slots
- Support RAID 1, 5 and 10 initially and 6 optionally
- Pre-installed Milestone XProtect Enterprise software
- No licensing fees



VR-X1600U/VR-X3200U



MFR. PART NO.	DESCRIPTION
VR-X1600U	16-Channel Multi Codec Network Video Recorder Expandable up to 32 Channels
VR-X3200U	32-Channel Multi Codec Network Video Recorder Expandable up to 64 Channels

OpenEye N3 16-Channel NVR

N-Series recorders can be scaled from one camera to thousands, providing the flexibility to meet the unique demands of enterprise-level IP. With features such as active directory, camera discovery and central management, the N3 makes it easy to deploy and manage IP surveillance.

Features

- H.264/MPEG-4/MJPEG codec support
- Dynamic IP camera discovery and configuration
- ONVIF™ compliant
- Multi-site administration and viewing software
- Free mobile apps for smart phones

Benefits

- Auto detection of IP cameras saves time and money
- ONVIF support allows integration with a large array of manufacturers
- Integrated cloud-based health agent reduces downtime
- ReportStar® Ready for recurring revenue generation



MFR. PART NO.	DESCRIPTION
OE5-N3U322T	N-Series 3U NVR, 32-Channel, 2 TB Storage, up to 16 Audio Inputs, ReportStar Ready (included software: RADIUS multi-site remote, standard remote, emergency agent, backup viewer, mobile phone support)
OE5-N3U324T	N-Series 3U NVR, 32-Channel, 4 TB Storage, up to 16 Audio Inputs, ReportStar Ready (included software: RADIUS multi-site remote, standard remote, emergency agent, backup viewer, mobile phone support)
OE5-N3U326T	N-Series 3U NVR, 32-Channel, 6 TB Storage, up to 16 Audio Inputs, ReportStar Ready (included software: RADIUS multi-site remote, standard remote, emergency agent, backup viewer, mobile phone support)

16-Channel Network Video Recorder

Features

- H.264, MJPEG, dual codec
- Up to 4CIF high-resolution images at 480 fps (N) in real time
- HDMI output
- DVD writer support

Benefits

- Meets high performance requirements for network applications
- Integrated HDMI output saves money
- Video management: control/oversee multiple sites from a single control point
- Open platform with ONVIF support offers the most flexibility for integrated systems and designs



MFR. PART NO.	DESCRIPTION
SRN-1670D	16-Channel Network Video Recorder

4-Channel Network Video Recorder

Features

- H.264, MJPEG, dual codec
- 4CIF high-resolution images at 120 fps (N) in real time
- HDMI output
- DVD writer support

Benefits

- Meets high performance requirements for network applications
- Integrated HDMI output saves money
- Video management: control/oversee multiple sites from a single control point
- Open platform with ONVIF support offers the most flexibility for integrated systems and designs



MFR. PART NO.	DESCRIPTION
SRN-470D	4-Channel Network Video Recorder

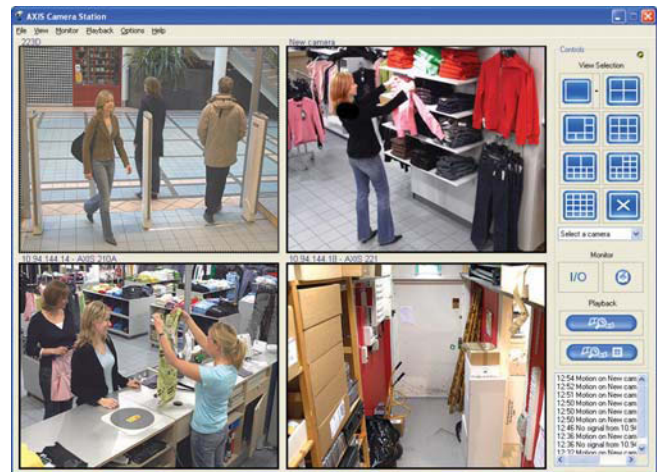
AXIS Camera Station Software

Comprehensive video management software for monitoring, recording, playback and event management.

- View and record up to 50 cameras
- Scheduled and event-driven recording
- Easy installation and intuitive handling
- Control of PTZ and dome cameras
- Remote viewing and control



MFR. PART NO.	DESCRIPTION
0202-004	AXIS Camera Station 10-Camera Base License
0202-054	AXIS Camera Station 4-Camera Base License
0202-264	AXIS Camera Station 20-Channel Upgrade License
0202-014	AXIS Camera Station 5-Channel Upgrade License
0202-034	AXIS Camera Station 1-Channel Upgrade License
0202-024	AXIS Camera Station 1-Year Support License



DIGIOP ELEMENTS™ Video-Enhanced Business Intelligence



The groundbreaking DIGIOP ELEMENTS Video-Enhanced Business Intelligence platform seamlessly integrates video and data intelligence on a single interface. DIGIOP ELEMENTS consists of the following powerful components: DIGIOP Connect — unified dashboard; DIGIOP Control — web-based, enterprise-level management portal; DIGIOP Core — video recording platform; and DIGIOP Data — video and data integration platform. DIGIOP ELEMENTS leverages real-time benefits for loss prevention, operational efficiency and greater profitability.

- Simple licensing: non-expiring licenses, one-time license activation, no recurring fees, no hidden fees, system-based upgrades for future enhancements
- Scalable architecture supports single- to enterprise-level global network applications; open platform integrates with common manufacturers' devices
- Install software-only solution on your own server that meets recommended hardware specifications: 2.8 GHz CPU, Intel® Core 2 Duo (E7400); 2 GB RAM, 256 MB Video Card; Windows® 7 Home Premium OS; 250 GB HDD, 7200 RPM



MFR. PART NO.	DESCRIPTION
DE8014	DIGIOP ELEMENTS 8.1 Base Software + 4 IP Channel Activations
IP1-NI	DIGIOP ELEMENTS Single-Channel IP Activation License for Hybrid/NVR Solution
IP4-NI	DIGIOP ELEMENTS 4-Channel IP Activation License Bundle for Hybrid/NVR Solution
IP8-NI	DIGIOP ELEMENTS 8-Channel IP Activation License Bundle for Hybrid/NVR Solution
IPDD1-NI	DIGIOP ELEMENTS Single-Channel IP License + DIGIOP Data for VCA Activation License
DD1-NI	DIGIOP Data Single-Channel Activation License for VCA
DD-POS	DIGIOP Data Single-Device POS Activation License
DD-POS4	DIGIOP Data 4-Device Bundle POS Activation License
DD-POS16	DIGIOP Data 16-Device Bundle POS Activation License
DD-POSSITE	DIGIOP Data Single-Site Unlimited POS Activation License
DD-EAC	DIGIOP Data Single-Site Unlimited Access Control Activation License

exacqVision VMS (Video Management Software) System



Easy-to-Use Cross Platform VMS Software and Apps

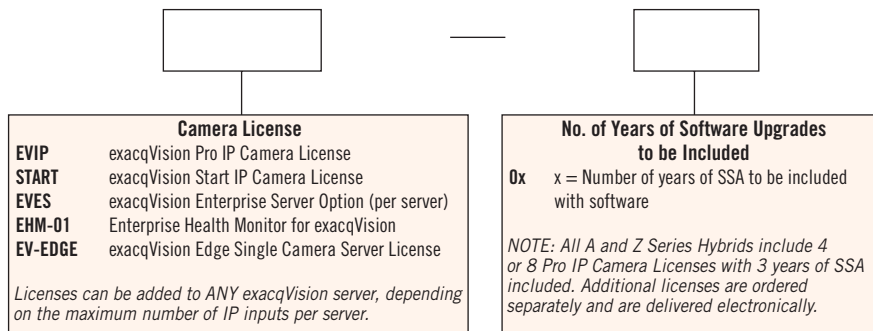
exacqVision VMS is easy to install, administrate and use. The server software is available for Windows® and Linux operating systems while the client software runs on Windows, Linux and Macintosh®. All these components are cross-compatible. The freely distributed exacq Mobile app is available for iPhone®, iPod touch®, iPad® and Android™ devices.

Software Only/Commercial Off-the-Shelf Servers

The exacqVision VMS software can be installed on commercial off-the-shelf (COTS) servers for customers who prefer to build and/or sell their own servers. Both the server and client software are free to an unlimited number of users. Though sold separately, IP camera licenses can be purchased and installed at any time. For ease of installation, camera licenses are assigned to the MAC address of the server and not the MAC address of the camera.



exacqVision IP Camera License Configurator



Enterprise Surveillance Manager — ESM v5.3

Features

- Exclusive Motion Grooming Engine — maximize hard disk space and preserve relevant events by programmatically purging video that does not contain activity
- Thumbnail search — visually scan a snapshot of organized recorded events containing motion
- Video hashing — use the cryptographic hashing function to authenticate the integrity of exported video files for evidentiary purposes

Benefits

- Ease of use — the intuitive browser-based interface and lack of client software makes installing, configuring and managing your system a breeze
- Scalability — supports an unlimited number of cameras, locations, servers and users
- Compatibility — can be used with all leading IP camera manufacturers and any commercial off-the-shelf hardware
- One-stop shop — multi-purpose surveillance solution, including license plate recognition, gigapixel and access control tie-in features all in one user-friendly interface



MFR. PART NO.	DESCRIPTION
IPC-ESM-BAS	ESM 5.3 — 8-Camera Base License; 1 Year of Support and Upgrades Included
IPC-ESM-ADD	ESM 5.3 — 1-Camera Add-on License; 1 Year of Support and Upgrades Included
IPC-ESM-ELA	ESM 5.3 — Unlimited Enterprise License Agreement
IPC-ESM-SLA	ESM 5.3 — Single Location License Agreement
IPC-SAR-1YR	ESM — 1 Year of Additional Support and Upgrades per Camera
IPC-LPR-ADD	License Plate Recognition — 1-Camera License; 1 Year Support and Upgrades Included
IPC-LPR-SAR	License Plate Recognition — 1 Year of Additional Support and Upgrades per Camera
IPC-VSA-1U-2TBR1	VSA 1U — (2) Quad-Core Processors, (2) 2 TB HDs RAID-1, 2 TB Usable with Redundancy
IPC-VSA-TW-2TBR1	VSA Tower — (2) Quad-Core Processors, (2) 2 TB HDs RAID-1, 2 TB Usable with Redundancy
IPC-VSA-EDG	VSA Edge — Core 2 Duo Processor, (1) 1 TB HD
IPC-VSA-EDG-BAS	VSA Edge Bundle — Core 2 Duo Processor, (1) 1 TB HD with 8 ESM Camera Base

Gigapixel Wide Area Surveillance

Features

- Hardware quality — applying high-end imaging equipment to the gigapixel surveillance application brings unprecedented and extreme image resolution
- Horizontal and vertical panoramic scanning — continuous scanning of the surveillance area captures a single seamless and continuously refreshed image for recording, monitoring and playback
- Low-light performance — a 35mm full-frame sensor and optional VGA thermal imager provide optimal image quality in day, night and low-visibility situations

Benefits

- Situational awareness — monitor a single panoramic image with usable visible detail from objects more than 2 miles away and covering up to a 360° field of view
- Economical — allows an operator to monitor hundreds of acres from a single high-resolution surveillance platform, thereby reducing infrastructure costs
- Accessibility — flexible in design and boasting an intuitive user interface, gigapixel works over an IP network, allowing operators to monitor live or recorded video from any location at any time



MFR. PART NO.	DESCRIPTION
IPC-GWAS-SAV	GWAS — Single Array with 11 MP Visible Light Camera
IPC-GWAS-SAVT	GWAS — Single Array with 11 MP Visible Light Camera and VGA Thermal Camera
IPC-GWAS-DAV	GWAS — Dual Array with (2) 11 MP Visible Light Cameras
IPC-GWAS-DAVT	GWAS — Dual Array with (2) 11 MP Visible Light Cameras and (2) VGA Thermal Cameras

XProtect® Corporate

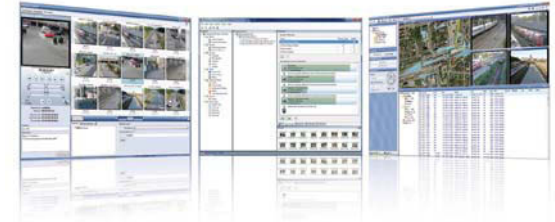
XProtect Corporate is a powerful IP video management software designed for large-scale, multi-site installations and supports an unlimited number of cameras, users and sites.

Features

- XProtect Corporate has easy-to-use clients integrated with interactive multi-layered maps and alarms
- XProtect Corporate is designed for large-scale, multi-site distributed architecture with unlimited servers, storage and cameras
- Built-in support for Smart Wall (video wall functionality with flexible configuration and independent hardware choice) enables seamless command center control
- Support for more than 1,500 IP cameras, encoders and select DVRs
- Supports new compression methods: MPEG4 ASP, MxPEG and H.264, in addition to MJPEG and MPEG4

Benefits

- Limitless — Milestone Federated Architecture™ and centralized management enables easy and efficient administration of multi-site installations
- Cost-effective — significantly reduces the cost of storage with multi-stage video storage management and data grooming
- Edge storage and optimized video archiving ensure uninterrupted video retention and ultimate peace of mind
- ONVIF™ and PSIA compliant



The Open Platform Company

MFR. PART NO.	DESCRIPTION
XPCOBT	XProtect Corporate Base Server License
XPCODL	XProtect Corporate Device Channel License
XPSWBL	XProtect Smart Wall Base License
XPCOMFADL	XProtect Federated Architecture Device License

MFR. PART NO.	DESCRIPTION
YXPCOBT	1-Year SW Upgrade Plan for Corp Base License
YXPCODL	1-Year SW Upgrade Plan for Corp Channel License
YXPSWBL	1-Year SW Upgrade Plan for Smart Wall Base License

XProtect® Enterprise

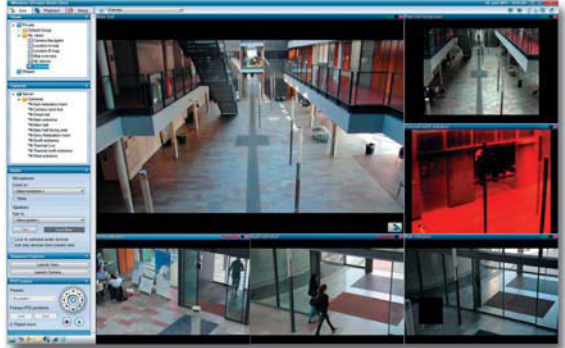
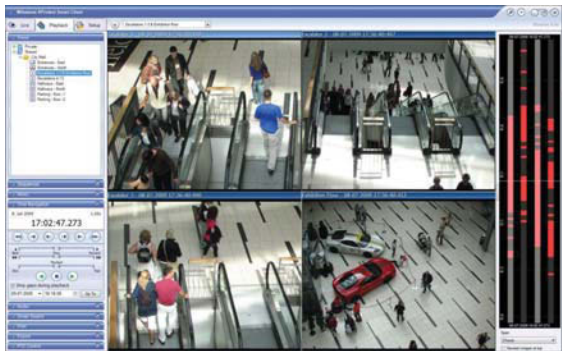
XProtect Enterprise is designed for medium- and large-scale installations and supports an unlimited number of cameras, users and devices, with administrative tools and a single management interface.

Features

- Management interface provides a coherent overview of devices, recordings and user settings
- An ideal solution for multi-site deployments, with support for an unlimited number of cameras
- Support for more than 1,500 IP cameras, encoders and select DVRs
- Supports new compression methods: MPEG4 ASP, MxPEG and H.264, in addition to MJPEG and MPEG4

Benefits

- Powerful features, such as system configuration wizards and auto-detection of hardware, reduce the time and cost of managing large security installations
- Future-proof — with support for an unlimited number of cameras, you can grow the system according to your needs
- Flexible — endless integration possibilities optimize your business processes
- ONVIF™ and PSIA compliant



The Open Platform Company

MFR. PART NO.	DESCRIPTION
XPEBL	XProtect Enterprise Base License
XPECL	XProtect Enterprise Camera License
XPASBL	XProtect Analytics Base License
XPALC	XProtect Analytics LPR Camera License

MFR. PART NO.	DESCRIPTION
YXPEBL	1-Year SW Upgrade Plan for Enterprise Base License
YXPECL	1-Year SW Upgrade Plan for Enterprise Camera License
YXPASBL	1-Year SW Upgrade Plan for Analytics Base License
YXPALC	1-Year SW Upgrade Plan for Analytics LPR Camera License

XProtect® Professional

XProtect Professional is designed for mid-sized installations and supports up to 5 servers and 320 cameras.

Features

- Powerful solution supports up to five servers
- Wide selection of access clients and mobile device support
- Hourly network archiving
- Integration with third-party applications, including Point-of-Sale (POS)/Automated Teller, behavior analytics, LPR, central monitoring and alarm management
- Support for more than 1,500 IP cameras, encoders and select DVRs

Benefits

- Easy-to-use software wizards swiftly guide you through the process of adding cameras, configuring video settings, scheduling recordings and administering user access
- Scalable and upgradeable to Enterprise or Corporate
- Open Platform supports integration of new technologies as they become available
- ONVIF™ and PSIA compliant



MFR. PART NO.	DESCRIPTION
XPPBL	XProtect Professional Base License
XPPCL	XProtect Professional Camera License
YXPPBL	1-Year SW Upgrade Plan for Professional Base License
YXPPCL	1-Year SW Upgrade Plan for Professional Camera License



The Open Platform Company

XProtect® Express

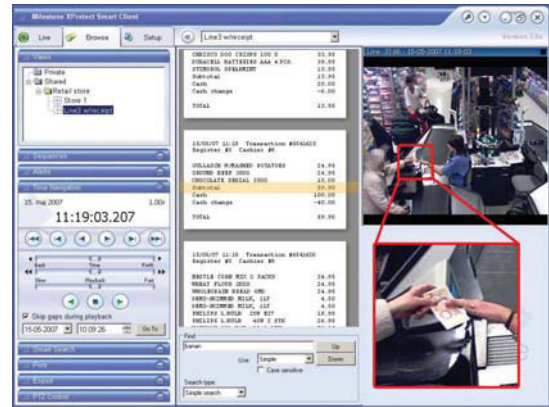
XProtect Express is designed for small businesses and single-site installations to manage up to 48 cameras, providing a complete offering of video surveillance features.

Features

- Support for up to 1,500 IP cameras and encoders from almost 100 different manufacturers
- Integrates with XProtect Retail for a comprehensive overview of retail operations
- Integrates with third-party retail video applications to measure foot traffic and display effectiveness

Benefits

- Powerful, yet easy to use
- Flexible integration with a variety of third-party video applications for people-counting and retail analysis



MFR. PART NO.	DESCRIPTION
XPEXBL	XProtect Express Base License
XPEXCL	XProtect Express Camera License
YXPEXBL	1-Year SW Upgrade Plan for Express Base License
YXPEXCL	1-Year SW Upgrade Plan for Express Camera License



The Open Platform Company

XProtect® Essential

XProtect Essential is designed for small businesses to manage single-site installations with up to 26 cameras, providing a complete offering of video surveillance features.

Features

- Powerful single-server solution that supports up to 26 cameras
- Full-featured remote access
- Unique data storage and archiving solution
- Supports connection of more than 1,500 IP cameras, IP video encoders and selected DVR models
- ONVIF™ and PSIA compliant

Benefits

- Quick to deploy — software wizards swiftly guide you through the process of adding cameras, configuring video and scheduling recordings
- The same client interface as Professional, Enterprise or Corporate means easy learning of new systems
- Easily upgradeable to XProtect Professional, Enterprise or Corporate
- Flexible, scalable licensing makes growth convenient



MFR. PART NO.	DESCRIPTION
XPESBL	XProtect Essential Base License
XPESCL	XProtect Essential Camera License
YXPESBL	1-Year SW Upgrade Plan for Essential Base License
YXPESCL	1-Year SW Upgrade Plan for Essential Camera License



The Open Platform Company

XProtect® NVR

XProtect NVR is a unique IP video management solution containing a workstation pre-installed with Milestone XProtect video management software, ensuring minimal setup and configuration.

Features

- 8 and 16 camera configurations
- Schedule recording times
- System configuration wizards that guide the user through the process of adding cameras, configuring and recording video, and adjustment of motion detection
- Play back recorded video for one or more cameras while in live-viewing or playback mode
- Supports compression methods: MPEG4 ASP, MxPEG and H.264, in addition to MJPEG and MPEG4

Benefits

- Configuration wizards ease camera installation
- Fast evidence export speeds up investigative process



MFR. PART NO.	DESCRIPTION
XPNVR08	Milestone XProtect NVR, 8 Channels
XPNVR16	Milestone XProtect NVR, 16 Channels



The Open Platform Company

The **Secure (it)**TM
solutions guide

- Red/Black Equipment Room
- Network Cooling & Connectivity
- Pathways & Enclosures
- Workstation Access
- Secure Network Specialty Solutions
- Physical Security
- Data Center Management
- Emergency Power



Visit www.gocsc.com/Catalogs1213 to order your free catalog.



NLSS Gateway Solution

The award-winning NLSS Gateway is a unified solution that combines multiple systems, including video management, access control, analytics, audio and intrusion into a single, easy-to-use networked platform. Its features are completely accessible and controllable from anywhere through a web browser and it includes advanced deployment tools, such as auto-discovery and provisioning. Best of all, the NLSS Gateway is available at one all-inclusive price.

NLSS Gateway

Features

- Fully integrated video management, access control, analytics and more
- Browser-based interface with advanced search, display and reporting tools
- Auto-discovery for standards-based cameras, encoders and access devices
- Remote management services available for multi-site operation



MFR. PART NO.	DESCRIPTION
GW-3000	Unified Security Gateway, High-Definition + 1 Year of RMS
RMS-3000	Annual Subscription to RMS Service for Gateway (GW-3000)
RMS-3000-3	3-Year Subscription to RMS Service for Gateway (GW-3000)



NLSS Gateway Micro

Features

- Fully integrated video management, access control, analytics and more
- Browser-based interface with advanced search, display and reporting tools
- Auto-discovery for standards-based cameras, encoders and access devices
- Remote management services (RMS) available for multi-site operation



MFR. PART NO.	DESCRIPTION
GW-500	Unified Security Gateway, High-Definition + 1 Year of RMS
RMS-500	Annual Subscription to RMS Service for Gateway (GW-500)
RMS-500-3	3-Year Subscription to RMS Service for Gateway (GW-500)

NLSS HD Media Decoder

The NLSS HD Decoder is a networked media appliance that can display multiple HD video streams simultaneously in a variety of layouts, including 1 x 1, 1 x 2, 2 x 2, 3 x 3, 4 x 4 and a customized portrait layout. It is compatible with any HD display monitor. Users can set up custom sequences to cycle through views or pane layouts at a given speed or quickly access desired views with the remote control. It decodes H.264, MPEG-4 or Motion JPEG video and has 7.1 surround sound audio capabilities.

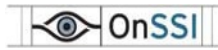
Features

- Displays up to four live HD streams simultaneously on any monitor
- Multi-stream HD capabilities with various video formats
- Camera auto-discovery
- Supports 1 x 1, 1 x 2, 2 x 2 or customized portrait pane layout



MFR. PART NO.	DESCRIPTION
DC-400-2	NLSS HD Media Decoder

Ocularis, OnSSI's flagship IP video and security platform, is a comprehensive video management system that combines powerful network video recorders (NVRs) with physical security information management (PSIM) functionality — all with ease of installation and usability.



Ocularis PS — Advanced Video Management Software (VMS) Platform



Advanced video surveillance platform (VMS) scalable from single site with few cameras to multi-site with a large number of cameras.

MFR. PART NO.	DESCRIPTION
OC-PS	Ocularis PS Base Software
OC-PS-1C	1 Camera License for Ocularis PS
Software Upgrade Plans*	
SUP-OC-PS-1Y	1-Year SUP for Base Software
SUP-OC-PS-1C-1Y	1-Year SUP for Camera License

*SUP also available in 2- to 5-Year, as well as Daily SUP for adjustments. Contact your local CSC Representative for ordering information.



Ocularis IS Video Management/Physical Security Information Management Software Platform



Adds active monitoring, alert management and integration with access control, video analytics and other third-party systems (VMS/PSIM).

MFR. PART NO.	DESCRIPTION
OC-IS	Ocularis IS Base Software
OC-IS-1C	1 Camera License for Ocularis IS

MFR. PART NO.	DESCRIPTION
Software Upgrade Plans*	
SUP-OC-IS-1Y	1-Year SUP for Base Software
SUP-OC-IS-1C-1Y	1-Year SUP for Camera License

*SUP also available in 2- to 5-Year, as well as Daily SUP for adjustments. Contact your local CSC Representative for ordering information.

Ocularis CS Video Management/Physical Security Information Management Software Platform



Adds capabilities for large distributed multi-site organizations, including Video Wall and collaboration modules, command and control center management and OpenSight (OnSSI federated architecture).

MFR. PART NO.	DESCRIPTION
OC-CS	Ocularis CS Base Software
OC-CS-1C	1 Camera Device License for Ocularis CS

MFR. PART NO.	DESCRIPTION
Software Upgrade Plans*	
SUP-OC-CS-1Y	1-Year SUP for Base Software
SUP-OC-CS-1C-1Y	1-Year SUP for Camera License

*SUP also available in 2- to 5-Year, as well as Daily SUP for adjustments. Contact your local CSC Representative for ordering information.

Ocularis ES Video Management/Physical Security Information Management Software Platform



Adds robust and centralized recorder management capabilities and enhancements for IT-centric organizations.

MFR. PART NO.	DESCRIPTION
OC-ES	Ocularis ES Base Server Software
OC-ES-1C	1 Camera Device License for Ocularis ES

MFR. PART NO.	DESCRIPTION
Software Upgrade Plans*	
SUP-OC-ES-1Y	1-Year SUP for Base Software
SUP-OC-ES-1C-1Y	1-Year SUP for Camera License

*SUP also available in 2- to 5-Year, as well as Daily SUP for adjustments. Contact your local CSC Representative for ordering information.

Ocularis Add-Ons

Ocularis VideoWall enables sending video to video wall monitors and remote displays anywhere on the network, all from a Command Center or desktop Ocularis unified Client's intuitive, graphical, map-based controller interface.

Ocularis OpenSight is an add-on to the Ocularis platform that grants access to multiple video surveillance and security systems within a single interface.

The incorporation of the Ocularis Client functionality within the C•CURE 9000 interface allows full interaction with video, turning the physical security interface into a full-featured video client.

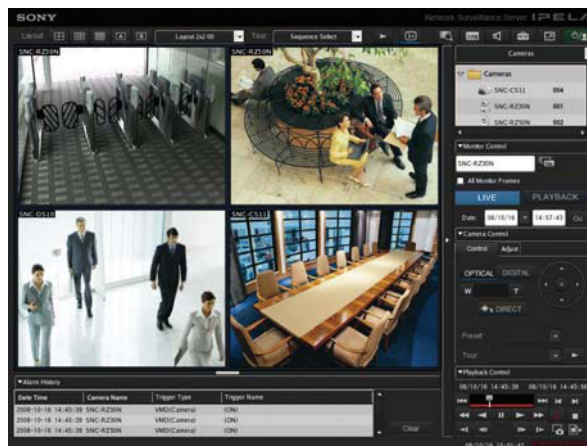
MFR. PART NO.	DESCRIPTION
OC-VWM-Base	Ocularis Add-On Base for Video Wall Option
OC-VWM-1C	Ocularis Video Wall 1 Camera Stream License for Ocularis Video Wall Add-On Option
OC-OS-1C	Ocularis Add-On for Ocularis OpenSight Add-On Option
OC-CC9000-B	Ocularis Add-On Module for Ocularis C•CURE 9000 Software Module Add-On Option
Software Upgrade Plans*	
SUP-OC-VWM-B-1Y	1-Year SUP for Video Wall Base
SUP-OC-VWM-1C-1Y	1-Year SUP for Video Wall Camera License
SUP-OC-OS-1C-1Y	1-Year SUP for OpenSight Add-On
SUP-OC-CCure9000-B-1Y	1-Year SUP for C•CURE Add-On Module

*SUP also available in 2- to 5-Year, as well as Daily SUP for adjustments. Contact your local CSC Representative for ordering information.

IP Camera Management Software — Intelligent Monitoring Software

Simple, flexible and scalable — HD-Ready Real Shot Manager Advanced Version 4 Intelligent Monitoring Software.

- Open platform — the IMZ-NS100 Series can be used with SONY network cameras and other major brand network cameras
- Quick setup and easy operation
- Monitoring and quick search — sophisticated search functions
- Versatile recording functions — scalability and flexibility
- Dual-stream JPEG/MPEG4



MFR. PART NO.	DESCRIPTION
IMZ-NS101	Intelligent Monitoring Software Real Shot Manager Advanced Version 4 for 1 Camera
IMZ-NS104	Intelligent Monitoring Software Real Shot Manager Advanced Version 4 for 4 Cameras
IMZ-NS109	Intelligent Monitoring Software Real Shot Manager Advanced Version 4 for 9 Cameras
IMZ-NS116	Intelligent Monitoring Software Real Shot Manager Advanced Version 4 for 16 Cameras
IMZ-NS132	Intelligent Monitoring Software Real Shot Manager Advanced Version 4 for 32 Cameras

CREATE A MORE COMFORTABLE ENVIRONMENT FOR MONITORING WITH A CONSOLE STATION

See pages 3-16 and 3-22 – 3-23



Industry Leading Manufacturers...



Analog Surveillance

Analog Cameras..... 2-2 – 2-6
Analog Video
Transmission 2-7 – 2-11
Analog Recording 2-12 – 2-16



gocsc.com

ATV High-Resolution Camera Solutions — 650TVL CCD and Pixim Seawolf Based Imagers

Ultimate line of analog camera solutions featuring the Effio 650TVL CCD and 690TVL-E Pixim Seawolf imagers. TDN and WDR capabilities for wide-ranging applications. Unique surface/flush/drop ceiling wing designs for easy installations.

Features

- Interior and exterior, and box style high-resolution cameras for analog recording
- True day/night with removable ICR filter to ensure color purity and sensitivity
- WDR and Pixim Advanced WDR for all lighting condition applications
- Advanced analytics (650TVL) provide more information to the end user
- Surface/flush/wing housing design (690TVL-E) for easy installation in most common situations

Benefits

- High image quality and high resolution to provide the best video for live view and recording
- Wide range of accessories to assist installer in meeting the needs of the customer's installation
- Worry-free operation reduces service trips and ensures customer satisfaction
- Single, full-line manufactured product to ensure compatibility
- U.S.-backed factory support and assistance



MFR. PART NO.	DESCRIPTION
FD650WDR	Interior Dome, 650TVL, TDN, WDR, OSD, Analytics, 2.8–12mm, 12/24
FDP690WDR	Interior Dome, 690TVL-E, TDN, WDR, OSD, 2.8–12mm, 12/24

NOTE: Vandal IP66 and box style cameras, along with a full line of wall and pendent mounts, are available. Low-cost mini domes, specialty cameras and full-featured high-resolution cameras also available. Contact your local CSC Representative for ordering information.



ATV Pan/Tilt/Zoom Solutions

High-speed PTZ cameras with a full complement of mount accessories for dynamic PTZ installations. Extensive camera capabilities and low-cost, full-featured indoor and outdoor solutions provided.

Features

- High-speed operation in manual or auto scans
- Proportional speed to match to zoom magnification
- Digital flip options
- Hundreds of presets, tour, patterns and functions to customize for the end user's needs
- Coaxitron interface for compatibility with industry standard protocol devices

Benefits

- High-speed operation provides quick response manually or on alarm
- Wide range of accessories to assist installer in meeting the needs of the customer's installation
- Worry-free operation reduces service trips and ensures customer satisfaction
- Extensive analytics to meet customer requirements
- U.S.-backed factory support and assistance



MFR. PART NO.	DESCRIPTION
SD536DWA	36X PTZ, 580TVL, TDN, WDR, OSD, Video Analytics, 240 Presets, Auto-Pan, 8 Tours, DIS, Proportional Speed to Zoom, 180° Digital Flip, 90° Auto Flip, Coaxitron, 24 VAC
SDMV22DW	22X PTZ, 580TVL, TDN, WDR, OSD, 120 Presets, Auto-Pan, 4 Tours, Digital Flip, IP66 Rated, 12/24

NOTE: A full line of PTZ controllers, environmental housings, ceiling, wall and pendent mounts are available; contact your local CSC Representative for ordering information.



ATV High-Resolution Camera Solutions — Turret Cameras with IR

Ultimate line of analog camera solutions, featuring the 600TVL turret style housing, SMART IR LEDs with brightness adjustment, up to 50m (150') distance, turbo intensifier and WDR.

Features

- True D/N, WDR and turbo intensifier and IR LEDs to ensure highest level of performance
- Outside the camera access for lens adjustments and service jack
- 2 lens size options — 2.8–12 and 6–50mm VF AI
- Unique IP66 outdoor rated design
- Wall and pendent mount options

Benefits

- 600TVL resolution to provide best video for live view and recording
- Wide range of accessories to help meet the needs of the customer's installation
- Worry-free operation reduces service trips and ensures customer satisfaction
- Multiple lens options ensure scene of interest is viewed
- U.S.-backed factory support and assistance



MFR. PART NO.	DESCRIPTION
TC2812W	Turret Camera, 600TVL, TDN, WDR, Turbo Intensifier, IR LEDs, 2.8–12mm, 12/24
TC0650W	Turret Camera, 600TVL, TDN, WDR, Turbo Intensifier, IR LEDs, 6–50mm, 12/24

NOTE: A full line of wall and pendent mounts as well as low-cost mini domes, specialty cameras and full-featured high-resolution cameras are available. Contact your local CSC Representative for ordering information.



2" Discreet Mini Dome Camera

- 520 TVL color resolution for clear images
- 12 VDC input voltage, includes 12 VDC to 24 VAC adapter
- 3-axis gimble for easy installation; wall or ceiling mount
- Lens pack includes a 3mm, 4mm and 6mm board mount lens



MFR. PART NO.	DESCRIPTION
MD2-1500	2" Discreet Mini Dome Camera

TruVision™ Covert PIR Cameras

- High-resolution discreet camera
- Authentic non-functional PIR motion detector housing
- Up to 550 TVL color
- State-of-the-art imaging system



MFR. PART NO.	DESCRIPTION
TVCPIR2HR	Covert Motion Detector (non-functioning), 2.8mm Lens
TVCPIR3HR	Covert Motion Detector (non-functioning), 3.8mm Lens

TruVision™ Covert Smoke Detector Camera

- High-resolution discreet camera
- Commercial-style smoke detector housing
- Up to 550-TVL color
- Single downview camera



MFR. PART NO.	DESCRIPTION
TVCSDC2HR	Covert Smoke Detector (non-functioning), 2.8mm Lens
TVCSDC3HR	Covert Smoke Detector (non-functioning), 3.8mm Lens
TVCSDC2-MODULE	Add-on Covert Camera Module for Smoke Detector Housings, 2.8mm Lens
TVCSDC3-MODULE	Add-on Covert Camera Module for Smoke Detector Housings, 3.8mm Lens

TruVision™ Line IR Cameras

- Balanced IR illumination, optimal viewing in low- to no-light environment
- Up to IP67 ratings for weather-resistant performance (model depending)
- Flexible resolution from 600–700 sensor TVL
- 2-year complete warranty



MFR. PART NO.	DESCRIPTION
TVC-BIR6-SR	IR Bullet Standard-Resolution Camera, 600 TVL Color, 3.6mm Fixed Lens, 49.2'/15m IR Range, 12 VDC Only
TVD-TIR6-SR	Dome IR Standard-Resolution Camera, 600 TVL Color, 4.3mm Fixed Lens, 32.8'/15m IR Range, 12 VDC Only
TVC-BIR6-HR	IR Bullet High-Resolution Camera, 650 TVL Color, 3.3–12mm Vari-Focal Lens, 180.4'/55m IR Range, 12 VDC/24 VAC
TVD-TIR6-HR	Dome IR Camera, 650 TVL Color, 3.3–12mm Vari-Focal Lens, 65.6'/20m IR range, 12 VDC/24 VAC

TruVision™ Dome Camera

- Superior image performance
- 600 TVL color
- Flexible form-factor
- Vari-focal auto-iris lens
- 2.6–6.0mm AI lens
- 12 VDC or 24 VAC



MFR. PART NO.	DESCRIPTION
TVDDOME6HR	TruVision™ Dome Camera

TruVision™ Line PTZ Mini 12x

- Compact, affordable PTZ with indoor and IP66 outdoor versions
- 12x color and 12x day/night options, both with 12x digital zoom
- Full 540 TVL resolution delivers sharp, clear images
- Color, day/night, indoor/outdoor (IP66) models available



MFR. PART NO.	DESCRIPTION
TVP-12DN-E	TruVision™ Line PTZ Mini 12x

UltraView™ Series PTZ Cameras

- Comprehensive programming choices with advanced options
- Shroud offers better concealment of camera position
- 128 preset positions, 4 preset tours and 4 shadow sours
- Control day/night settings through the camera module or a unit sensor



MFR. PART NO.	DESCRIPTION
UVP-C3-D27N	UltraView PTZ, Wall Mount Housing, Clear Acrylic Dome, 27x Day/Night Camera, NTSC

UltraView™ Series Box and Dome Cameras

- Traditional box or dome form-factors fit your application
- EVR sensor offers a solid low-light camera platform
- XP4 sensor offers unprecedented extremely wide dynamic range performance
- True day/night on all fixed dome models, and improved optics



MFR. PART NO.	DESCRIPTION
UVC-EVRDN-HR	EVR Series True Day/Night Traditional Box Camera, 540 TVL, UTP, BNC, 12 VDC/24 VAC
UVC-XP4DN-HR	XP4 Series True Day/Night Traditional Box Camera, WDR
UVD-EVRDNR-VA2	EVR Series Day/Night Rugged Dome, 2.8–10.5mm AI Lens
UVD-EVRDNR-VA9	EVR Series Day/Night Rugged Dome, 9.0–22mm AI Lens, 12 VDC/24 VAC
UVD-XP4DNR-VA2	XP4 Series Day/Night Rugged Dome, WDR, 2.8–10.5mm AI Lens

Analog Cameras — 600 TVL

JVC's 2012 analog camera range offers superior image quality, reliability and a low total cost of ownership to accommodate a wide variety of security applications.

Features

- 600 TV lines of horizontal resolution
- Offered in easy or true day/night
- Exceptional quality in various low-light situations
- All models accept 12 VDC or 24 VAC
- All products are UL® Listed

Benefits

- Superior picture quality and color reproduction
- Product quality and reliability
- Low total cost of ownership (TCO)
- Low power consumption



TK-C9200UA, TK-C9300UA
(shown with optional lens)



TK-C9510U
(shown with optional lens)



TK-T8101WPRU



TK-C2201UA



TK-C2201WPUA



TK-T2101RU



MFR. PART NO.	DESCRIPTION
TK-C9200UA	1/4" CCD 600 TVL Easy Day/Night Box Camera (less lens), 0.025 lux, 52dB, 3 DNR, 12 VDC/24 VAC
TK-C9300UA	1/4" CCD 600 TVL True Day/Night Box Camera with IR Cut-Filter (less lens), 0.025 lux, 52dB, 3 DNR, Wide Dynamic Range (by dual shutter), Motion Detection, 12 VDC/24 VAC
TK-C2201UA	1/4" CCD 600 TVL Easy Day/Night Vandal-Resistant Mini Dome Camera, 0.025 lux, 52dB, 3 DNR, 12 VDC/24 VAC
TK-C2201WPUA	1/4" CCD 600 TVL Easy Day/Night Outdoor Vandal-Proof Dome Camera, 0.025 lux, 52dB, 3 DNR, IP66, 12 VDC/24 VAC
TK-T2101RU	1/4" CCD 600 TVL True Day/Night Vandal-Resistant IR Mini Dome Camera, 0.05 lux, 52dB, Motion Detection, Integrated IR (50'), 12 VDC/24 VAC
TK-T8101WPRU	1/4" CCD 600 TVL True Day/Night Outdoor IR Bullet Camera with Sunshield, 0.05 lux, 50dB, Motion Detection, Integrated IR (65'), IP66, 12 VDC/24 VAC
TK-C9510U	1/4" CCD 600 TVL True Day/Night Box Camera with IR Cut-Filter (less lens), 0.025 lux, 52dB, 3 DNR, Wide Dynamic Range (by dual shutter), Motion Detection, 12 VDC/24 VAC

Analog Camera — 540 TVL

Features

- 540 TV lines of horizontal resolution
- True day/night
- RS-422A/RS-485 interface
- Accepts 12 VDC or 24 VAC
- UL® Listed

Benefits

- Superior picture quality and color reproduction
- Product quality and reliability
- Low total cost of ownership (TCO)
- Low power consumption



TK-C1530U
(shown with optional lens)



MFR. PART NO.	DESCRIPTION
TK-C1530U	1/4" CCD 540 TVL True Day/Night Box Camera with IR Cut-Filter (less lens), 0.05 lux, 50dB, 12 VDC/24 VAC

Analog Camera — 330 TVL

Features

- 330 TV lines of horizontal resolution
- One-touch Auto White Balance (AWB)
- Backlight compensation
- Accepts 12 VDC or 24 VAC
- UL® Listed

Benefits

- Superior picture quality and color reproduction
- Product quality and reliability
- Low total cost of ownership (TCO)
- Low power consumption



TK-C750U
(shown with optional lens)



MFR. PART NO.	DESCRIPTION
TK-C750U	1/4" CCD 330 TVL Box Camera (less lens), 0.28 lux, 50dB, 12 VDC/24 VAC

High-Resolution Camera

- High-resolution of 600 TV lines
- Min. illumination 0.05 lux at F1.2 (color)
- MD, SSNRIII, coaxial control (Pelco-C)
- Dual power



MFR. PART NO.	DESCRIPTION
SCB-2000	High-Resolution Camera

High-Resolution Vari-Focal Dome Camera

- High-resolution of 600 TV lines, 700 TV lines (b/w)
- Min. illumination 0.15 lux at F1.2 (color)
- Vari-focal lens (2.5–6mm)
- Electronic day/night, MD, SSNRIII



MFR. PART NO.	DESCRIPTION
SCD-2060E	High-Resolution Vari-Focal Dome Camera

Compact Vandal-Resistant IR Dome Camera

- High-resolution of 600 TV lines (color), 700 TV lines (b/w)
- Min. illumination 0.15 lux at F1.2 (color), 0.001 lux (b/w)
- 3.6x vari-focal lens (2.8–10mm), true day/night (ICR), MD, SSNRIII
- IP66, coaxial control (Pelco-C), dual power



MFR. PART NO.	DESCRIPTION
SCV-2081R	Compact Vandal-Resistant IR Dome Camera

High-Resolution Vari-Focal Dome Camera

- High-resolution of 600 TV lines, 700 TV lines (b/w)
- Min. illumination 0.15 lux at F1.2 (color), 0.001Lux (b/w)
- 3.6x vari-focal lens (2.8–10mm)
- True day/night



MFR. PART NO.	DESCRIPTION
SCD-2080	High-Resolution Vari-Focal Dome Camera

1/3" High-Resolution Vandal-Resistant Dome Camera

- High-resolution of 600 TV lines (color), 700 TV lines (b/w)
- Min. illumination 0.15 lux @ F1.2 (color), 0.001 lux (b/w)
- 3.6x V/F lens (2.8–10mm), true day/night (ICR), MD, SSNRIII (3D+2D)
- IP66, coaxial control (Pelco-C)



MFR. PART NO.	DESCRIPTION
SCV-2080	1/3" High-Resolution Vandal-Resistant Dome Camera

High-Resolution Vari-Focal Dome Camera

- High-resolution of 600 TV lines, 700 TV lines (b/w)
- Min. illumination 0.3 lux at F1.2 (color), 0.01 lux (b/w)
- 3.9x vari-focal lens (2.8–11mm)
- Wide dynamic range, VPS, Intelligent Video
- True day/night



MFR. PART NO.	DESCRIPTION
SCD-3080	High-Resolution Vari-Focal Dome Camera

High-Resolution Wide Dynamic Range Camera

- High-resolution of 600 TV lines (color), 700 TV lines (b/w)
- Min. illumination 0.3 lux at F1.2 (color), 0.01 lux (b/w)
- Wide dynamic range, VPS, true day/night (ICR), MD
- SSNRIII, coaxial control (Pelco-C), RS-485, dual power



MFR. PART NO.	DESCRIPTION
SCB-3000	High-Resolution Wide Dynamic Range Camera

CCTV — Analog Cameras

Sony analog cameras offer high resolution and sensitivity, making them ideal for various surveillance applications.

- High resolution and high sensitivity achieved by a 1/3 Type EXview HAD™ CCD II sensor
- IBLC (intelligent backlight control) auto-adjusts the exposure levels of dark areas
- ATW (automatic tracing white balance) automatically adjusts the camera's white balance
- DynaviewSX wide dynamic range capability provides clear image quality in high-contrast lighting conditions
- Electric day/night makes the image more visible in low-light conditions



SSC-N11A



SSC-N21A



SSC-G113A



MFR. PART NO.	DESCRIPTION
SSC-N11A	Ultra Compact Indoor MiniDome Camera with 540 TVL, Electronic Day/Night, Fixed Pan Focal Lens
SSC-N12A	Compact Analog MiniDome Camera with 540 TVL, High-Sensitivity, Electronic Day/Night, Fitted with 6.0mm Fixed Focal Lens, 12 VDC
SSC-N13A	Compact Analog MiniDome Camera with 650 TVL, High-Sensitivity, Electronic Day/Night, Fitted with 3.0mm Fixed Focal Lens, 12 VDC
SSC-N14A	Compact Analog MiniDome Camera with 650 TVL, High-Sensitivity, Electronic Day/Night, Fitted with 6.0mm Fixed Focal Lens, 12 VDC
SSC-N20A	Analog Indoor MiniDome Camera with 540 TVL, High-Sensitivity, Electronic Day/Night, Fitted with 2.8–10.5mm (3.7x) Auto Iris Vari-Focal Lens, 24 VAC/12 VDC
SSC-N21A	Indoor MiniDome Camera with 650 TVL, 3.7x Auto Iris Vari-Focal Lens
SSC-N22A	Analog Indoor MiniDome Camera with 540 TVL, High-Sensitivity, True Day/Night, Fitted with 2.8–10.5mm (3.7x) Auto Iris Vari-Focal Lens, 24 VAC/12 VDC
SSC-N24A	Analog Indoor MiniDome Camera with 650 TVL, High-Sensitivity, True Day/Night, Fitted with 2.8–10.5mm (3.7x) Auto Iris Vari-Focal Lens, 24 VAC/12 VDC
SSC-CB564R	Outdoor Analog Fixed Camera with 2.8–10.5mm Vari-Focal Lens
SSC-CB574R	Outdoor Analog Fixed Camera with 9–22mm Vari-Focal Lens
SSC-CM564R	Outdoor Analog MiniDome Camera with 2.8–10.5mm Vari-Focal Lens
SSC-FB530	Analog Fixed Camera, DynaviewSX Wide Dynamic Range, CS Mount, B/W 0.05 lux, Lens Provided by User
SSC-FB560	Analog Fixed Camera, DynaviewSX Wide Dynamic Range, CS Mount, B/W 0.01 lux, Lens Provided by User
SSC-FM530	Indoor Analog MiniDome, DynaviewSX Wide Dynamic Range, B/W 0.07 lux
SSC-FM560	Indoor Analog MiniDome, DynaviewSX Wide Dynamic Range, B/W 0.01 lux
SSC-G103A	Fixed Color Analog Camera with 540 TVL, High-Sensitivity, Electronic Day/Night, 24 VAC/12 VDC
SSC-G113A	Fixed Color Camera with 1/3 Type, CS Mount, 650 TVL with High-Sensitivity (0.15 lx, F1.2 50IRE), Electrical Day/Night, 24 VAC
SSC-G203A	Fixed Color Analog Camera with 540 TVL, High-Sensitivity, True Day/Night, 24 VAC/12 VDC
SSC-G213A	Fixed Color Analog Camera with 650 TVL, High-Sensitivity, True Day/Night, 24 VAC/12 VDC

Analog Camera Flush Mount Kit

MFR. PART NO.	DESCRIPTION
YT-ICB73V	Flush Mount Kit for SSC-CD73V



Intensifier3™ Series Cameras

See in the dark without IR LEDs. Auto iris vari-focal lenses provide a wider zoom range to fit more applications. Dual voltage operation: 12 VDC or 24 VAC with line lock. The advanced noise reduction circuitry in the Intensifier3™ camera, coupled with the virtual 3D filter built into the DSP, allow your DVR to have 30% better compression in scenes that are typically subject-to-video noise. Not only will your low-light and nighttime pictures look better, they will use less hard drive space.

- Presets: outdoor, indoor, elevator, lobby, hallway and dark
- 0.00002 lux — Intensifier™ @ 512x
- 650 TV lines
- Dual voltage 12 VDC/24 VAC (not included)
- See in the dark without IR LEDs

MFR. PART NO.	DESCRIPTION
CVC6246IHR	Intensifier Indoor Color Dome, 3-Axis Gimble, 2.8–11mm Auto Iris Lens, No Power Supply, Plastic Housing
CVC6246IHRW	Intensifier Indoor Color Dome, 3-Axis Gimble, 2.8–11mm Auto Iris Lens, No Power Supply, Plastic Housing
HT7246IHR	Intensifier Color 540 Line Tamper-Proof VF Dome, Wall/Ceiling Mount, Dual Voltage, 2.8–10 Auto Iris Lens
HT7247IHR	Intensifier Dome Camera, 9–22mm Auto Iris VF Lens, 540 Lines, OSD, Wall/Ceiling Mount, Dual Voltage
HT7250IHR	Intensifier Color 580 Line Intensifier 2 Tamper-Proof VF Dome, Wall/Ceiling Mount, Dual Voltage, 5–50mm Auto Iris Lens
HTINTB10	Intensifier Bullet Camera, 9–22mm Auto Iris VF Lens, 560 Lines, OSD
HTINTB10W	Intensifier Bullet Camera, 9–22mm Auto Iris VF Lens, 560 Lines, OSD, White
HTINTB8	Intensifier Bullet Camera, 2.8–12mm Auto Iris VF Lens, 560 Lines, "On Board Controls" Dual Voltage
HTINTB8W	Intensifier Bullet Camera, 2.8–12mm Auto Iris VF Lens, 560 Lines, "On Board Controls" Dual Voltage, White
HTINTB9	Intensifier Bullet Camera, 5–50mm Auto Iris VF Lens, 560 Lines, OSD
HTINTB9W	Intensifier Bullet Camera, 5–50mm Auto Iris VF Lens, 560 Lines, OSD, White
HTINTD10	Intensifier Dome Camera, 9–22mm Auto Iris VF Lens, 560 Lines, OSD
HTINTD10W	Intensifier Dome Camera, 9–22mm Auto Iris VF Lens, 560 Lines, OSD, White
HTINTD8	Intensifier Dome Camera, 2.8–12mm, Auto Iris VF Lens, 560 Lines, OSD
HTINTD8W	Intensifier Dome Camera, 2.8–12mm Auto Iris VF Lens, 560 Lines, OSD, White
HTINTD9	Intensifier Dome Camera, 5–50mm Auto Iris VF Lens, 560 Lines, OSD
HTINTD9W	Intensifier Dome Camera, 5–50mm Auto Iris VF Lens, 560 Lines, OSD, White



HTINTD Series



UTP Power Injector

- Provides up to 1 amp max. per channel, not to exceed 16 amp
- Individually selectable power outputs — 24 VAC, 28 VAC or OFF
- Individual electronically isolated PTC outputs
- Compatible with all HubWay UTP Transceiver Hubs
- UL®/cUL Listed for commercial CCTV equipment (UL2044)



MFR. PART NO.	DESCRIPTION
HubWayEXP	UTP Power Injector, 16 Isolated Power Ports; Individually Selectable for 24 VAC or 28 VAC @ 1A per Port with Pass-Through Video and Data

Active UTP Transceiver Hubs

- Grouped video ports provide 4 video feeds over a single CAT5 cable
- Automatic picture and gain control
- Compact 1U rack mount chassis (HubWayEX16 and HubWayEX32)
- UL®/cUL Listed



MFR. PART NO.	DESCRIPTION
HubWayEX16	Active UTP Transceiver Hub; Allows Video Transmission of Up to 16 Cameras over 4 Category 5 Cables; Video Up to 1 Mile (5,000'); Automatic Picture and Gain Control
HubWayEX32	Active UTP Transceiver Hub; Allows Video Transmission of Up to 32 Cameras over 8 Category 5 Cables; Video Up to 1 Mile (5,000'); Automatic Picture and Gain Control
HubWayEX1	1-Channel Active UTP Transceiver Hub; Quality Video Transmission Up to 1 Mile

Passive UTP Transceiver Hubs

- Transmits video, remote power and data over a CAT5 cable (HubWayH16)
- Transmits video, power and data over a CAT5 cable, 16 amp power (HubWay16Di)
- 1U EIA 19" rack mount chassis
- UL®/cUL Listed



MFR. PART NO.	DESCRIPTION
HubWayH16	16-Channel Passive UTP Transceiver Hub; Allows Video, Remote Power, and PTZ Control to be Transmitted over a Single CAT5e/6 Cable; Individual Channels Are Selectable for Video, PTZ Control, Power or Video and Power Only (use HubWayAvP)
HubWay16Di	16-Channel Passive UTP Transceiver Hub with Integral Camera Power, Video/Data Up to 750', 16A Total Current, Individually Selectable 24 VAC or 28 VAC Isolated PTC Class 2 Power Limited Outputs
HubWayAv2	Slim-Line Video Balun/Combiner Allows Video, Power and PTZ Control to be Transmitted over a Single CAT5e/6 Cable, Interfaces with any HubWay UTP Transceiver Hub
HubWayAvP	Slim-Line Video Balun/Combiner Allows Video and Power to be Transmitted over a Single CAT5e/6 Cable (use with HubWayH16 only)
HubWayDvi	Video Balun/Combiner for Isolated or Non-Isolated 12 VDC Cameras, UL Listed Accessory

The Catalog

- Copper Solutions
- Fiber Optic Solutions
- Cable Management Solutions
- Tools & Installation Supplies
- Test Equipment
- Outside Plant Products
- Low-Voltage & Specialty Wire & Cable
- Physical Security Solutions
- Networking Solutions
- Residential Solutions
- Power Distribution, Protection & Cooling



CD version also available.

Visit gocsc.com/Catalogs1213 to order your free catalog and CD.



IFS Digital Fiber

The IFS Digital Fiber Platform provides an all-new solution for optical transmission of video, data, audio and contact closure signals. The system can also be used with an IP network module, providing complete remote health and status monitoring over an IP network.

Features

- Full digital design
- Laser-based, single-optic fiber transmission
- Unified design allows the same module to be used for standalone or rack mount installation
- Provides backward migration to IFS Legacy products through the use of adapters
- Remote health and status monitoring of more than 18 critical operating parameters over an IP network

Benefits

- Improved optical transmission performance
- Reduces installation cost by using less optical fibers for transmission
- Available adapters allow easy migration with existing IFS modules
- Reduce service calls through remote health and status monitoring over an IP network
- Upgradeable for use in analog/IP hybrid environments



MFR. PART NO.	DESCRIPTION
MFVMM1-TX	8-bit Video Transmission (mini modules): Mini Fixed Video Transmitter, Multi-Mode
MFVMM1-RX	8-bit Video Transmission (mini modules): Mini Fixed Video Receiver, Multi-Mode
MFVMM101-TX	8-bit Video Transmission (mini modules): Mini Video Transmitter with Duplex Data, Multi-Mode
MFVMM101-RX	8-bit Video Transmission (mini modules): Mini Video Receiver with Duplex Data, Multi-Mode
DFVMM1-T	10-bit Video Transmission (universal — standalone/rack mount): Fixed Video Transmitter, Multi-Mode
DFVMM1-R	10-bit Video Transmission (universal — standalone/rack mount): Fixed Video Receiver, Multi-Mode
DFVMM101-T	10-bit Video Transmission (universal — standalone/rack mount): Video Transmitter with Duplex Data, Multi-Mode
DFVMM101-R	10-bit Video Transmission (universal — standalone/rack mount): Video Receiver with Duplex Data, Multi-Mode
DFVMM4-T	Video Multiplexers (universal — standalone/rack mount): 4-Channel Video Transmitter, Multi-Mode
DFVMM4-R	Video Multiplexers (universal — standalone/rack mount): 4-Channel Video Receiver, Multi-Mode
DFVMM8-T	Video Multiplexers (universal — standalone/rack mount): 8-Channel Video Transmitter, Multi-Mode
DFVMM8-R	Video Multiplexers (universal — standalone/rack mount): 8-Channel Video Receiver, Multi-Mode
DFVMM402-T	Video with Data Multiplexers: 4-Channel Video Multiplexer with 2-Channel Duplex Data, Multi-Mode
DFVMM402-R	Video with Data Multiplexers: 4-Channel Video De-Multiplexer with 2-Channel Duplex Data, Multi-Mode
DFVMM801-T	Video with Data Multiplexers: 8-Channel Video Multiplexer with Duplex Data, Multi-Mode
DFVMM801-R	Video with Data Multiplexers: 8-Channel Video De-Multiplexer with Duplex Data, Multi-Mode
DFR	Smart Rack: Smart Rack Chassis
DFR-PS1	Smart Rack: Chassis Power Supply

IFS UTP Products

IFS' UTP solutions for video, data and power applications are designed to simplify and reduce the cost of installation. Automatic video control (AVC) eliminates the need for adjustments and expensive test equipment.

Features

- Automatic distance adjustment
- Optional surge protection
- Compact designs
- NTSC and PAL compatible

Benefits

- Reduce cable costs: transmit either fixed video or up-the-coax video/PTZ over UTP cabling
- Automatic video compensation (AVC) reduces setup time
- 4 classes of operating distances up to 6,000'
- Matching 75-ohm video equipment to 100-ohm UTP eliminates ghosting
- Flexible options for various installation applications



MFR. PART NO.	DESCRIPTION
GEC-PVTC-MRTSP	Video Transceivers: UTP Passive Transceiver — Right Angle, Male BNC with Surge Protection
GEC-PVTC-MCSP	Video Transceivers: UTP Passive Transceiver — 9" Coax with Male BNC with Surge Protection
GEC-PVTC-MC	Video Transceivers: UTP Passive Transceiver — Coax with Male BNC
GEC-PVTC-M	Video Transceivers: UTP Passive Transceiver — Male BNC, Screwless Terminal
GEC-4VPUB	Passive Hubs: 4-Channel UTP Passive Hub — 1U
GEC-16VPUB	Passive Hubs: 16-Channel UTP Passive Hub, 19" — 1U
GEC-1AVT	Active Transmitter/Receivers: UTP Video Transmitter
GEC-1AVR-AVC-4	Active Transmitter/Receivers: UTP Active Receiver with AVC — 4,000' Max.
GEC-4VARHUB-4	Active Transmitter/Receivers: 4-Channel UTP Active Receiver Hub with AVC — 4,000' Max.
GEC-16VARHUB-4	Active Transmitter/Receivers: 16-Channel UTP Active Receiver Hub with AVC — 4,000' Max.
GEC-16VARHUB-6.5	Active Transmitter/Receivers: 16-Channel UTP Active Receiver Hub with AVC — 6,500' Max.
GEC-VCR12V	Video-Data-Power Transceivers: 12V DC UTP Combiner — Transceiver
GEC-VPDBC	Video-Data-Power Transceivers: UTP Video/Power/Data Data Combiner — Transceiver
GEC-4VDPC	Video-Data-Power Mid-Span Combiners: 4-Channel UTP Video/Data/Power Combiner
GEC-16VDPC	Video-Data-Power Mid-Span Combiners: 16-Channel UTP Video/Data/Power Combiner
GEC-4VDPBC	Video-Data-Power End-Span Combiner Receivers: 4-Channel UTP Video/Power/Data Combiner — Transceiver
GEC-16VDPBC	Video-Data-Power End-Span Combiner Receivers: 16-Channel UTP Video/Power/Data Combiner — Transceiver
GEC-RPK	UTP Rack Panel Kit Supports up to (3) 4-Port Hubs

16-Channel Passive Transceiver “Stub” Hub

- Compact rack mount 19" by only 1" deep
- Transmit up to 750', 3,000' with an active receiver
- Built-in transient protection
- Supports “up-the-coax” type control signal up to 750', passive transmission



MFR. PART NO.	DESCRIPTION
NV-1613S	16-Channel Passive Transceiver “Stub” Hub

16-Channel DigitalEQ Active DA Receiver Hub

- Per channel fully automatic digital signal distance equalization
- Receives up to 3,000' or 1 mile when used with a NV-653T
- 2 channels of output for each input
- Supports screw-terminal or RJ45 UTP video inputs



MFR. PART NO.	DESCRIPTION
NV-1672	16-Channel DigitalEQ Active DA Receiver Hub

16-Channel Power Supply Cable Passive Receiver

- Supplies camera power and video transmission at significant distances
- Selectable 24V AC-OFF-28V AC outputs
- Use with NV-216A-PV, NV-218A-PVD or NV-226J-PV at the camera



MFR. PART NO.	DESCRIPTION
NV-16PS13-PVD	16-Channel Power Supply Cable Passive Receiver

16-Channel StubEQ Active Receiver Hub

- Fully automatic 2-band equalization
- Transmit up to 1,500', 2,000' with an active transmitter
- Compact, rack mountable 19" 1U high and 1.54" deep
- Built-in transient protection



MFR. PART NO.	DESCRIPTION
NV-1642	16-Channel StubEQ Active Receiver Hub

16-Channel Power Supply StubEQ™ Receiver Hub

- Provides Class 2 SELV 28 VAC camera power with up to 1 amp/channel
- Adaptive StubEQ™ fully auto 2-band video EQ up to 1,500'
- Receives video transmission and delivers PTZ telemetry over UTP
- Built-in distribution amplifier with 2 video outputs per channel



MFR. PART NO.	DESCRIPTION
NV-16PS42-PVD	16-Channel Power Supply StubEQ™ Receiver Hub

16-Channel Power Supply Cable Integrator

- Supplies camera power and UTP connectivity at significant distances
- Selectable 24V AC-OFF-28V AC outputs
- Use with NV-216A-PV, NV-218A-PVD or NV-226J-PV at the camera



MFR. PART NO.	DESCRIPTION
NV-16PS10-PVD	16-Channel Power Supply Cable Integrator

1-Channel Passive Transceiver

- Transmit up to 750', 3,000' with active receiver
- Built-in transient protection
- Supports “up-the-coax” type control signal up to 750', passive transmission
- Single-channel passive transceiver (male BNC)



MFR. PART NO.	DESCRIPTION
NV-208A-M	1-Channel Passive Transceiver

1-Channel Passive Transceiver

- Transmit up to 750', 3,000' with an active receiver
- Built-in transient protection
- Supports “up-the-coax” type control signal up to 750', passive transmission
- 9" mini coax pigtail/male BNC



MFR. PART NO.	DESCRIPTION
NV-214A-M	1-Channel Passive Transceiver

1-Channel Power-Video Transceiver

- Power-video transmission
- Use with NVT PVD hub products
- Video distances up to 3,000' with an active receiver



MFR. PART NO.	DESCRIPTION
NV-216A-PV	1-Channel Power-Video Transceiver

32-Channel StubEQ Active Receiver Hub

- Fully automatic 2-band equalization
- Compact, rack mountable 19" 1U high and 1.875" deep
- Transmit up to 1,500', 2,000' with an active transmitter
- Built-in transient protection



MFR. PART NO.	DESCRIPTION
NV-3242	32-Channel StubEQ Active Receiver Hub

32-Channel Power Supply StubEQ™ Receiver Hub

- Provides Class 2 SELV 28V AC camera power with up to 0.5 amp/channel
- Adaptive StubEQ™ fully auto 2-band video EQ up to 1,500'
- Receives video transmission and delivers PTZ telemetry over UTP
- Automatic-reset fault protection; transient protection



MFR. PART NO.	DESCRIPTION
NV-32PS42-PVD	32-Channel Power Supply StubEQ™ Receiver Hub

4-Channel StubEQ™ Active Receiver Hub

- Adaptive StubEQ™ fully automatic 2-band equalization
- Adjustment-free video
- CCTV video at distances up to 1,500' with passive transceiver
- Built-in transient protection and ground-lifting



MFR. PART NO.	DESCRIPTION
NV-442	4-Channel StubEQ™ Active Receiver Hub

32-Channel Passive Transceiver “Stub” Hub

- Compact rack mount 19" by only 2" deep
- Transmit up to 750', 3,000' with an active receiver
- Built-in transient protection
- Supports “up-the-coax” type control signal up to 750', passive transmission



MFR. PART NO.	DESCRIPTION
NV-3213S	32-Channel Passive Transceiver “Stub” Hub

1-Channel Power-Video-Data Transceiver

- Power-Video-Data (PVD) transmission
- Use with NVT PVD hub products
- Video distances up to 1,500' when used with StubEQ™ active hub



MFR. PART NO.	DESCRIPTION
NV-218A-PVD	1-Channel Power-Video-Data Transceiver

32-Channel DigitalEQ Active Receiver Hub

- Per channel fully automatic digital signal distance equalization
- Receives up to 3000' or 1 mile when used with an active transmitter
- 1 channel of output for each input
- Built-in transient protection and ground-lifting



MFR. PART NO.	DESCRIPTION
NV-3272	32-Channel DigitalEQ Active Receiver Hub

4-Channel Active Receiver

- CCTV video at distances up to 3,000' with passive transceiver
- Exceptional interference rejection
- Built-in brightness and sharpness controls
- Built-in transient protection and ground-lifting



MFR. PART NO.	DESCRIPTION
NV-452R	4-Channel Active Transceiver

1-Channel Active Receiver

- CCTV video at distances up to 3,000' with passive transceiver
- Exceptional interference rejection
- Built-in brightness and sharpness controls
- Built-in transient protection and ground-lifting



MFR. PART NO.	DESCRIPTION
NV-652R	1-Channel Active Receiver

8-Channel Passive Transceiver “Stub” Hub

- Compact rack mount 19" by only 1" deep
- Transmit up to 750', 3,000' with an active receiver
- Built-in transient protection
- Supports “up-the-coax” type control signal up to 750', passive transmission



MFR. PART NO.	DESCRIPTION
NV-813S	8-Channel Passive Transceiver “Stub” Hub

8-Channel DigitalEQ Active DA Receiver Hub

- Per channel fully automatic digital signal distance equalization
- Receives up to 3,000' or 1 mile when used with a NV-653T
- 4 channels of output for each input
- Built-in transient protection and ground-lifting



MFR. PART NO.	DESCRIPTION
NV-872	8-Channel DigitalEQ Active DA Receiver Hub

8-Channel Power Supply StubEQ™ Receiver Hub

- Provides Class 2 SELV 28V AC camera power with up to 1 amp/channel
- Adaptive StubEQ™ fully auto 2-band video EQ up to 1,500'
- Receives video transmission and delivers PTZ telemetry via UTP
- Built-in distribution amplifier with 2 video outputs per channel



MFR. PART NO.	DESCRIPTION
NV-8PS42-PVD	8-Channel Power Supply StubEQ™ Receiver Hub

1-Channel Active Transmitter

- Transmit distances up to 1 mile
- Exceptional interference rejection
- Built-in transient protection and ground-lifting



MFR. PART NO.	DESCRIPTION
NV-653T	1-Channel Active Transmitter

8-Channel StubEQ Active Receiver Hub

- Fully automatic 2-band equalization
- Transmit up to 1,500', 2,000' with an active transmitter
- Compact rack mountable 19" 1U high and 1.54" deep
- Built-in transient protection



MFR. PART NO.	DESCRIPTION
NV-842	8-Channel StubEQ Active Receiver Hub

8-Channel Power Supply Passive Receiver Hub

- Supplies camera power and video transmission at significant distances
- Selectable 24V AC-OFF-28V AC outputs
- Use with NVT PV and PVD models



MFR. PART NO.	DESCRIPTION
NV-8PS13-PVD	8-Channel Power Supply Passive Receiver Hub

Analog Video Media Converters

- Convert a CCTV signal from cameras to a single strand of fiber
- Wide-input power supply allows multiple power source options
- Automatic gain control installed on both receiver and transmitter
- All conversions performed in real-time



MFR. PART NO.	DESCRIPTION
CVID2011-150	Analog Video Converter BNC to MM (ST), 2km Receiver
CVID2012-150	Analog Video Converter BNC to SM (ST), 10km Receiver
JVD-TX-01	Standalone Analog Video Converter BNC to MM (ST), 1km Transmitter
JVD-RX-01	Standalone Analog Video Converter BNC to MM (ST), 1km Receiver
JVD-TX-01(SM)	Standalone Analog Video Converter BNC to SM (ST), 10km Transmitter

FOR IP VIDEO TRANSMISSION PRODUCTS

See pages 1-29 – 1-31



ATV DVRs — Value to Ultimate 4CIF Real-Time Recording Solutions

Affordable 4-, 8- and 16-channel solutions with 120 ips 2CIF to 480 ips D1 real-time recording resolution, easy-to-use GUI, video looping models, USB and DVD archiving, Point-of-Sale interface and connectivity to the most common mobile devices.

Features

- Consistent Remote Administration Software with backward compatibility
- Intuitive GUI for ease of use and programming
- Increased recording resolution and record rate
- Built-in Point-of-Sale (POS) for fraud-conscience customers
- Major mobile device connectivity supported

Benefits

- Cost-effective analog recording solution while maintaining high product quality
- Worry-free operation reduces service trips and ensures customer satisfaction
- Easy-to-use GUI for setup and operation to decrease installation time
- Single, full-line manufactured product to ensure compatibility
- Factory support and assistance



VLDVR4-500-A, VLDVR8-1TB & VLDVR16-2TB



FA-HDR16-2TB



FA-HDX16-2TB



MFR. PART NO.	DESCRIPTION
VLDVR4-500-A	4-Channel, H.264, 120 ips @ 2CIF RT, up to D1, IR Remote, Mouse, POS, USB, iPhone®, Android™, BB, 500 GB
VLDVR8-1TB	8-Channel, H.264, 240 ips @ CIF RT, up to D1, IR Remote, Mouse, POS, USB, iPhone, Android, BB, 1 TB
VLDVR16-2TB	16-Channel, H.264, 480 ips @ CIF RT, up to D1, IR Remote, Mouse, POS, USB, iPhone, Android, BB, 2 TB
FA-HDR8-1TB	8-Channel, H.264, 240 ips @ CIF RT, up to D1, Looping IR Remote, Mouse, POS, USB, DVD, iPhone, Android, BB, 1 TB
FA-HDR16-2TB	16-Channel, H.264, 480 ips @ CIF RT, up to D1, Looping IR Remote, Mouse, POS, USB, DVD, iPhone, Android, BB, 2 TB
FA-HDX16-2TB	16-Channel, H.264, 480 ips @ D1 Real Time, Full HD Recorder, HDMI, VGA, Multi-Screen Spot, Looping, Remote, Mouse, POS, USB, DVD, iPhone, Android, BB, 2 TB

NOTE: Additional HDD options (up to 8 TB depending on model) are available; contact your local CSC Representative for ordering information.

If you're like me, data center blogs make you feel like a kid in a candy store. Drop-in and check out the latest industry news, trends, technology posts and promotional offers. You can even view my videos to learn about useful data center solutions.

Hello!
I'm The CSC Data Center Guy

DIGIOP Purpose-Built Recording Solutions

All DIGIOP Purpose-Built Recording Solutions include the following benefits:

- DIGIOP ELEMENTS™ video and data software
- Open platform integrates with common manufacturer devices
- Come with 4 free IP licenses
- No licensing fees for client software
- Data integrations include POS, Access Control and Advanced Analytics
- No recurring licensing fees
- Dell 3-year hardware warranty
- Easy access to video and data from anywhere via the Internet



EH Series Hybrid DVRs

- Ideal for 8–16 camera applications: bank branches, municipal facilities, retail stores, gas stations, day care facilities, high-end residences

OptiPlex 790 Chassis, 8- and 16-Channel Hybrid DVRs*



MFR. PART NO.	DESCRIPTION
EH2108 Series	8 Analog Channels, 2 GB RAM, 120 IPS, Available HDD: 1 TB, 2 TB, Pentium® G630 CPU
EH2116 Series	16 Analog Channels, 2 GB RAM, 120 IPS, Available HDD: 1 TB, 2 TB, Pentium G630 CPU

OptiPlex XE Chassis, 8- and 16-Channel Hybrid DVRs*



MFR. PART NO.	DESCRIPTION
EH3008 Series	8 Analog Channels, 2 GB RAM, 120 IPS, Available HDD: 500 GB, 1 TB, 2 TB, Core 2 Duo CPU
EH3016 Series	16 Analog Channels, 2 GB RAM, 120 IPS, Available HDD: 500 GB, 1 TB, 2 TB, Core 2 Duo CPU
EH3516 Series	16 Analog Channels, 4 GB RAM, 480 IPS, Available HDD: 500 GB, 1 TB, 2 TB, 4 TB, Core 2 Duo CPU

* Up to 4 additional IP channels can be added depending upon IPS and resolution requirements.

AH Series & PH Series Hybrid DVRs

- Ideal for 16–32 camera applications: department stores, warehouse stores, banking centers, large corporate facilities, school campuses (AH Series)
- Up to 16 camera applications: higher frame rate and storage capacity projects, large school campuses, corporate facilities, correctional institutions, municipal and government facilities, warehouses (PH Series)

AH Series, OptiPlex 990 Chassis, 16- and 32-Channel Hybrid DVRs**



MFR. PART NO.	DESCRIPTION
AH4016 Series	16 Analog Channels, 4 GB RAM, 480 IPS, Available HDD: 2 TB, 4 TB, 6 TB, Core i7 CPU
AH4032 Series	32 Analog Channels, 4 GB RAM, 960 IPS, Available HDD: 2 TB, 4 TB, 6 TB, Core i7 CPU

PH Series, OptiPlex 990 Chassis, 16-Channel Hybrid DVR**



MFR. PART NO.	DESCRIPTION
PH5016 Series	16 Analog Channels, 4 GB RAM, 480 IPS, Available HDD: 2 TB, 4 TB, 6 TB, Core i7 CPU

** Up to 8 additional IP channels can be added depending upon IPS and resolution requirements.

- How is a hand buzzer like Berk-Tek's 40/100G MDP Cable?
- Will Panduit's Cool Boot keep you warm in the winter?
- Does your data center need wings to migrate?

For answers to these pressing questions and useful product info visit <http://dcblog.gocsc.com>



Play my latest videos at <http://dcblog.gocsc.com>

TruVision™ DVR 10 (TVR 10) 4-Channel, H.264 Recorder

- H.264 storage for more efficient streaming and storage
- Hard drive configurations from 500 GB to 1 TB
- Dual-streaming provides better network performance on live video
- High picture quality resolutions of QCIF, CIF, 2CIF, DCIF, 4CIF



MFR. PART NO.	DESCRIPTION
TVR-1004-500	TruVision DVR 10, 4-Channel, 500 GB Storage
TVR-1004-1T	TruVision DVR 10, 4-Channel, 1 TB Storage

TruVision™ Line DVR 31 (TVR 31) Digital Video Recorder

- H.264 storage for more efficient streaming and storage
- 8- or 16-channel models with HDD configurations from 1 TB to 6 TB
- Dual-streaming provides better network performance on live video
- Records up to 120 fps at D1



MFR. PART NO.	DESCRIPTION
TVR-3108-1T	TruVision DVR Model 31, 8-Channel, DVD/CD, 1 TB Storage
TVR-3108-2T	TruVision DVR Model 31, 8-Channel, DVD/CD, 2 TB Storage
TVR-3116-2T	TruVision DVR Model 31, 16-Channel, DVD/CD, 2 TB Storage
TVR-3116-4T	TruVision DVR Model 31, 16-Channel, DVD/CD, 4 TB Storage
TVR-3116-6T	TruVision DVR Model 31, 16-Channel, DVD/CD, 6 TB Storage

TruVision™ DVR 60 (TVR 60) Hybrid Recorder

- Real-time recording at up to 4CIF on all channels
- Records up to 16 IP camera streams and HD IP streams
- Up to 12 TB internal JBOD storage for redundant and flexible storage
- Mobile device support and networkable via Ethernet (TCP/IP)



MFR. PART NO.	DESCRIPTION
TVR-6016-2T	16-Channel Hybrid, DVD/CD, 2 TB Storage
TVR-6016-4T	16-Channel Hybrid, DVD/CD, 4 TB Storage

MFR. PART NO.	DESCRIPTION
TVR-6016-8T	16-Channel Hybrid, DVD/CD, 8 TB Storage
TVR-6016-12T	16-Channel Hybrid, DVD/CD, 12 TB Storage

EasyDVR

The EasyDVR is a cost-effective video recording solution available in 4-, 8- and 16-channel models. The recorder uses H.264 compression on a Linux-embedded platform for efficient use of storage space and a stable operating environment.

Features

- ReportStar® Ready
- Remote software for iPhone®, Android™ and iPad®
- Easy setup and configuration
- H.264 video compression
- Free DDNS for life of product

Benefits

- Cost-effective solution for easy installations
- Generate recurring revenue with ReportStar
- Powerful mobile apps allow you to monitor recorder from virtually anywhere
- Integrated cloud-based health agent reduces downtime



MFR. PART NO.	DESCRIPTION
OE1-D480161T	Commercial Grade DVR, 480PPS @ 2CIF, 1 TB, Linux OS, BNC and VGA Outputs, Spot Mon, 2 USB 2.0, 16-Channel Audio, IR Remote, View/Search/Setup/Backup While Recording, Health Check, 3-Year Warranty, ReportStar Ready
OE1-D480162T	Commercial Grade DVR, 480PPS @ 2CIF, 2 TB, Linux OS, BNC and VGA Outputs, Spot Mon, 2 USB 2.0, 16-Channel Audio, IR Remote, View/Search/Setup/Backup While Recording, Health Check, 3-Year Warranty, ReportStar Ready
OE1-D240081T	Commercial Grade DVR, 240PPS @ 2CIF, 1 TB, Linux OS, BNC and VGA Outputs, Spot Mon, 2 USB 2.0, 8-Channel Audio, IR Remote, View/Search/Setup/Backup While Recording, Health Check, 3-Year Warranty, ReportStar Ready
OE1-D12004500	Commercial Grade DVR, 120PPS @ 2CIF, 500 GB, Linux OS, BNC and VGA Outputs, 2 USB 2.0, 4-Channel Audio, IR Remote, View/Search/Setup/Backup While Recording, Health Check, 3-Year Warranty, ReportStar Ready

16-Channel CIF Real-Time H.264 Digital Video Recorder

Features

- 16-channel CIF real-time DVR
- Up to 480 fps recording rate
- Max. 5 internal HDD (HDD x 5)
- PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]
- DVD-RW

Benefits

- Embedded Linux H.264 compression method protects from Windows® virus issues
- Storage expandability (up to 10 TB storage capacity)
- Capable of controlling multiple manufacturers' PTZ cameras



MFR. PART NO.	DESCRIPTION
SRD-1650D	16-Channel CIF Real-Time H.264 Digital Video Recorder

16-Channel CIF Real-Time H.264 Digital Video Recorder

Features

- 16-channel CIF real-time DVR
- H.264
- Up to 480 fps @ CIF
- Max. 4 internal HDD (HDD x 4)
- Support for smart phone (Android™, iPhone®)

Benefits

- Embedded Linux H.264 compression method protects from Windows® virus issues
- Up to 8 TB storage capacity inside
- Audio recording, diverse search methods



MFR. PART NO.	DESCRIPTION
SRD-1652D	16-Channel CIF Real-Time H.264 Digital Video Recorder

16-Channel 4CIF Real-Time H.264 Digital Video Recorder

Features

- 16-channel 4CIF real-time DVR
- Up to 480 (NTSC) fps recording rate
- Max. 5 internal HDD (HDD x 5)
- PTZ control via coaxial cable (Samsung CCVC, Pelco-C [Coaxitron])
- DVD-RW

Benefits

- Highest resolution recording and playback capability
- High-resolution playback with HDMI output
- Easy-to-use GUI for quick set-up
- Blurred edges on moving objects minimized with VPS (Virtual Progressive Scan)



MFR. PART NO.	DESCRIPTION
SRD-1670DC	16-Channel 4CIF Real-Time H.264 Digital Video Recorder

PS & GS Series DVRs

PS DVRs are designed to bridge the technological gap by delivering hybrid IP and analog recording capabilities and full HD display. Feature-rich performance, ample storage, numerous display options and powerful search capabilities make these DVRs a simple and cost-effective migration strategy to IP with no added licensing fee. GS DVRs are the security industry's most powerful digital video recorder, capable of simultaneously recording at 480 fps at D1 (4CIF) resolution.

Features

- View on iPhone®, Blackberry® or Android™ (free iPhone app available from iTunes®)
- Optimized for full HD surveillance
- D24GS: 8 analog channels + 16 IP channels up to 8 TB; D32GS: 16 analog channels + 16 IP channels up to 8 TB
- D24PS: 8 analog channels + 16 IP channels up to 6 TB; D32PS: 16 analog channels + 16 IP channels up to 6 TB
- PS recording rate 480 fps at CIF; GS recording rate 480 fps at D1

Benefits

- Exceptional performance, combined with a proprietary data bank system, makes the GS Series a great option for professional security
- The PS Series is a reliable and affordable path to IP



PS Series



GS Series



MFR. PART NO.	DESCRIPTION
D24PS1TB	8-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 1 TB SATA
D24PS2TB	8-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 2 TB SATA
D32PS1TB	16-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 1 TB HDD
D32PS2TB	16-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 2 TB HDD
D24GS1TB	8-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 1 TB HDD
D24GS2TB	8-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 2 TB HDD
D32GS1TB	16-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 1 TB HDD
D32GS2TB	16-Channel Analog and 16-Channel IP Hybrid Embedded DVR, 2 TB HDD

FOR ACCESS CONTROL PRODUCTS & SOLUTIONS

See pages 4-1 – 4-18



Industry Leading Manufacturers...



people. passion. expertise.

Surveillance Accessories

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3



gocsc.com

TruVision™ Line LCD Monitors

- Cost-effective CCTV grade designed for 24/7/365 trouble-free service
- Available in 15", 17" and 19" models (rack kits available)
- 2D comb filters for optimum picture quality
- 500:1 contrast ratio delivers sharp images and 50K/hour panel lamp life



MFR. PART NO.	DESCRIPTION
GEL-15DV	15" Monitor, 1024 x 768, BNC, VGA, S-Video
GEL-17DV	17" Monitor, 1280 x 1024, BNC, VGA, S-Video
GEL-19DV	19" Monitor, 1280 x 1024, BNC, VGA, S-Video
GEL-17VGA	17" Monitor, 1280 x 1024, VGA Only

UltraView™ Series High-Resolution LCD Monitors

- UltraView™ offers high-resolution performance for a wide range of applications
- Available in 17", 19", 20", 26", 32" and 42"
- 3D comb filters for optimum picture quality
- 16.7 million colors and 1500:1 contrast ratio for detailed images



MFR. PART NO.	DESCRIPTION
GEL-17SV	17" Monitor, 1280 x 1024, BNC, VGA, S-Video, DVI, Audio
GEL-19SV	19" Monitor, 1280 x 1024, BNC, VGA, S-Video, DVI, Audio
GEL-26SV	26" Monitor, 1366 x 768, BNC, VGA, S-Video, DVI, Audio
GEL-32SV	32" Monitor, 1366 x 768, BNC, VGA, S-Video, DVI, Audio
GEL-42SV	42" Monitor, 1366 x 768, BNC, VGA, S-Video, DVI, Audio

Economy and Value LCD and LED — Built to Run 24/7/365

- LED available in 18.5", 21.5" (1080p) and 23" (1080p); contact your local CSC Representative for ordering information
- RTV 19", LCD glass shield, 3D comb filter, noise reduction, deinterlace, HDMI/VIDEO scan mode
- Built to run continuously 24/7/365
- FCC Class A true commercial grade certification with auto power back on



MFR. PART NO.	DESCRIPTION
17RCM	2 BNC in/out, 1 HDMI in, 1 VGA in, 2 Audio in, 1 PC Stereo in, 1280 x 1024, 250 nits, 800:1 Contrast
19RCM	2 BNC in/out, 1 HDMI in, 1 VGA in, 2 Audio in, 1 PC Stereo in, 1280 x 1024, 250 nits, 800:1 Contrast
15RTV	1 BNC in/out, 1 S-Video in/out, 1 VGA in, 2 Audio in, 1 PC Stereo in, 1024 x 768, 250 nits, 700:1 Contrast
17RTV	1280 x 1024, 2 BNC in/out, 3D Comb Filter, Deinterlace, Noise Reduction, HDMI/VIDEO Scan Mode, Speakers
19RTV	1280 x 1024, 2 BNC in/out, 3D Comb Filter, Deinterlace, Noise Reduction, HDMI/VIDEO Scan Mode, LCD Protection Glass, Speakers



Experience the Ultimate Wire Box



ReelTough™ Box
Patented features provide interior strength for maximum endurance.



Tough Ergonomic Handle
Haul the ReelTough box with confidence. Features a tough, single-hand grab design.



Tangle-Free Guarantee†
Tension controls reduce backlash, preventing bird nests and snags.

See pages 7-8 – 7-9 for product details.

† Communications Supply Corporation guarantees tangle-free performance when using the ReelSimple, ReelTough Box with tension control set to high. Boxes are delivered with tension control set to high.

Premium Series LCD and LED Displays — 8–42"

Premium Series offers both LED and LCD panel types. They are FCC Class A true commercial grade certified monitors built to run 24/7/365 with auto power back on. These high-performance, feature-rich displays with multi-tasking capabilities take up minimal desk space.



Features

- 18.5", 21.5", 23" LED models — eco-friendly, low power consumption, 1920 x 1080p, HDMI and more
- 15" and larger come with multiple input sources — HDMI, DVI-D, VGA, BNC 2 in/out, S-Video
- 17" and larger feature auto-source sequencing, trigger sensor, Picture-by-Picture/Split Screen
- 17" and larger feature 3D comb filter, deinterlace, noise reduction — sharper lines and clearer images
- VESA compliant mount patterns support rack, wall or ceiling mount solutions

Benefits

- True manufacturer of LCD CCTV monitors — know what you are buying every time
- Orion manufactures monitors for continuous 24/7/365 operation — AV or CCTV applications
- Consumer monitors must be turned off every 8–10 hours — Orion's are designed to never be turned off
- Dual signal in via PBP is 2-monitors-in-1 and uses auto-source sequencing for multiple viewing options
- Industrial design with an all-metal chassis

MFR. PART NO.	DESCRIPTION
9REDP	LED BLU 1024 x 768, 600:1, 400 nits, 2 BNC in/out, HDMI in, S-Video in, VGA in, 2 Audio in, PC Stereo in
15RTC	1024 x 768, 700:1, 250 nits, 2 BNC in/out, 1 HDMI in, S-Video in/out, VGA in, Audio in, Stereo in, Speakers
17RTC	1280 x 1024, 800:1, 250 nits, 2 BNC in/out, 2 HDMI in, 1 DVI-D in, S-Video in/out, VGA in, 3 Audio in, Stereo in, Speakers
19RTC	1280 x 1024, 800:1, 250 nits, 2 BNC in/out, 2 HDMI in, 1 DVI-D in, S-Video in/out, VGA in, 3 Audio in, Stereo in, Speakers
20RTH	1600 x 1200, 800:1, 300 nits, 2 BNC in/out, 2 HDMI in, 1 DVI-D in, S-Video in/out, VGA in, 3 Audio in, Stereo in, Speakers
18REDP	LED BLU 1366 x 768, 1000:1, 250 nits, 2 BNC in/out, 2 HDMI in, 1 DVI in, Component in, 1 S-Video in/out, VGA in
21REDP	LED BLU 1920 x 1080p, FHD, 1000:1, 250 nits, 2 BNC in/out, 2 HDMI in, 1 DVI in, Component in, 1 S-Video in/out, VGA in
23REDP	LED BLU 1920 x 1080p, FHD, 1000:1, 250 nits, 2 BNC in/out, 2 HDMI in, 1 DVI in, Component in, 1 S-Video in/out, VGA in
26RTH	1920 x 1080p, FHD, 1000:1, 400 nits, 2 BNC in/out, 2 HDMI in, 1 DVI in, Component in, 1 S-Video in/out, VGA in, Audio in
32RTH	1920 x 1080p, FHD, 4000:1, 400 nits, 2 BNC in/out, 2 HDMI in, 1 DVI in, Component in, 1 S-Video in/out, VGA in, Audio in
42RTH	1920 x 1080p, FHD, 4000:1, 400 nits, 2 BNC in/out, 2 HDMI in, 1 DVI in, Component in, 1 S-Video in/out, VGA in, Audio in

Basic/Economy Series LED Wide Displays — 18.5", 21.5" and 23"

- LED BLU (back light unit) Technology
- LED, 1920 x 1080p full HD (18.5" 1366 x 768)
- Eco-friendly material (no mercury or halogen)
- Lower power consumption than conventional LCD monitors



MFR. PART NO.	DESCRIPTION
18REDB	18.5" LED Display, 1366 x 768, DVI-D in 1, VGA in 1, 250 nits, 1000:1 Contrast
18REDE	LED BLU 1366 x 768 (18.5"), 1000:1, 250 nits, 2 BNC in/out, HDMI in 1, VGA in 1, Audio in 2
21REDB	21.5" LED Display, 1920 x 1080p Full HD, DVI-D in 1, VGA in 1, 250 nits, 1000:1 Contrast
21REDE	LED BLU 1920 x 1080p (21.5"), 1000:1, 250 nits, 2 BNC in/out, HDMI in 1, VGA in 1, Audio in 2
23REDB	23" LED Display, 1920 x 1080p Full HD, DVI-D in 1, VGA in 1, 250 nits, 1000:1 Contrast
23REDE	LED BLU 1920 x 1080p (23"), 1000:1, 250 nits, 2 BNC in/out, HDMI in 1, VGA in 1, Audio in 2

Rack Mount Ready LCD Display with Tilt Capability

- LCD CCTV FCC Class A true commercial grade, built to run 24/7/365
- New 9.5" dual rack mount display fits perfectly in a 19" rack
- 17", 19" 3D comb filter, deinterlace, noise reduction



MFR. PART NO.	DESCRIPTION
9RCRD	Dual 9.7", 1024 x 768, 300:1, 600 nits, 2(4) BNC in/out, 1(2) HDMI in, 1(2) S-Video in, 1(2)VGA in, 1(2) Audio in, 1(2) Stereo in, Speaker
15RCR	1024 x 768, 800:1, 250 nits, 2 BNC, HDMI, VGA, S-Video, Audio in, Stereo in, Speaker
17RCR	1280 x 1024, 800:1, 250 nits , 2 BNC, HDMI, VGA, S-Video, Audio in, Stereo in, Speaker
19RCR	1280 x 1024, 800:1, 250 nits , 2 BNC, HDMI, VGA, S-Video, Audio in, Stereo in, Speaker

Mobile Text Monitors — 2.5–7"

- TM2P OSD Menu, color bar/greyscale testing, auto-shutoff with timer
- TM2P Velcro® wrist strap makes it safer and easier for ladder installations
- 3–7" lightweight with long-life rechargeable battery and carry kit
- Test monitor kits come with the necessary cables and BNC adapters



MFR. PART NO.	DESCRIPTION
TM2	2.5" Mobile Test Monitor 960 x 240, 200 nits, 250:1, Velcro Wrist Strap, Video Cables, Recharge Battery
TM2P	2.5" OSD Menu, Color Bar and Greyscale Testing, Auto-Shutoff with Timer, Wrist Strap, Video Cable
TM3	3.5" 320 x 240, 250 nits, 350:1, 2 Video Input (RCA), 1 Audio in (RCA), 1 Audio out (jack), Speaker
TM5	5.6" 960 x 234, 250 nits, 150:1, 2 Video Input (RCA), 1 Audio in (RCA), 1 Audio out (jack), L/R Rev Image
TM7	7" 960 x 234, 500 nits, 250:1, 2 Video Input (RCA), 1 Audio in (RCA), 1 Audio out (jack), L/R Rev Image

Video Wall or Individual Use Displays — 40–70"

- Narrow bezel with all-metal chassis for tight-mount video wall solution
- FCC Class A true commercial grade displays — built to run 24/7/365
- 1 RS-232 in/out for OSD PC control; no lights, no buttons on the bezel
- Also available in 70" and 80", custom video wall mount solutions available



MFR. PART NO.	DESCRIPTION
40RNC	1920 x 1080p FHD, RS-232 in/out, 2 BNC in/out, 2 HDMI in, 1 DVI in, 1 Component in, 1 S-Video in/out, VGA in
46RNC	1920 x 1080p FHD, RS-232 in/out, 2 BNC in/out, 2 HDMI in, 1 DVI in, 1 Component in, 1 S-Video in/out, VGA in
46RNCs	1366 x 768, 7.3mm Bezel (2 monitors image-to-image) RS-232C, 2 BNC, 1 HDMI, DVI-D, VGA, Component, S-Video
55RNC	1920 x 1080p FHD, RS-232 in/out, 2 BNC in/out, 2 HDMI in, 1 DVI in, 1 Component in, 1 S-Video in/out, VGA in
55RNCs	1920 x 1080p FHD, 5.5mm Bezel (2 monitors image-to-image), D-LED, RS-232 in/out, 2 BNC in/out, 2 HDMI in, 1 DVI in, 1 Component in, 1 S-Video in/out, VGA in
65RNC	1920 x 1080p FHD, RS-232 in/out, 2 BNC in/out, 2 HDMI in, 1 DVI in, 1 Component in, 1 S-Video in/out, VGA in
70RNC	1920 x 1080p FHD, RS-232 in/out, 2 BNC in/out, 2 HDMI in, 1 DVI in, 1 Component in, 1 S-Video in/out, VGA in

17" TFT-LCD Monitor

- Supports up to 1280 x 1024 resolution
- High contrast ratio of 1000:1
- Fast 5ms response time
- 120 Hz motion technology
- 2 BNC in/out



MFR. PART NO.	DESCRIPTION
SMT-1722	17" TFT-LCD Monitor

19" TFT-LCD Monitor

- Supports up to 1280 x 1024 resolution
- High contrast ratio of 1000:1
- Fast 5ms response time
- 120 Hz motion technology
- 2 BNC in/out



MFR. PART NO.	DESCRIPTION
SMT-1922	19" TFT-LCD Monitor

Triview® TM Series LCD Monitors

17–42" TM Series LCD standard and wide-angle economic monitors.



TM17



TM19



TM19W



TM22W

Features

- Available from 17" to 42"
- High resolution up to 1920 x 1080
- 3-year warranty
- HDMI, BNC and VGA options
- VESA mountable

Benefits

- 24/7 commercial grade
- Glossy bezel
- Easy toggling between 16:9 to 4:3 aspect ratio with models TM19W and TM22W



TM32



TM42

MFR. PART NO.	DESCRIPTION
TM17	17" Economic LCD Monitor, 1280 x 1024, 4:3 Aspect Ratio, VGA, DVI, HDMI, BNC
TM19	19" Economic LCD Monitor, 1280 x 1024, 4:3 Aspect Ratio, VGA, DVI, HDMI, BNC
TM19W	18.5" Economic LCD Monitor, 1366 x 768, 16:9 Aspect Ratio, VGA, DVI, HDMI, BNC
TM22W	21.5" Economic LCD Monitor, 1366 x 768, 16:9 Aspect Ratio, VGA, DVI, HDMI, BNC
TM32	31.5" Economic LCD Monitor, 1920 x 1080, 16:9 Aspect Ratio, VGA, DVI, HDMI (2), BNC (2), USB Port
TM42	42" Economic LCD Monitor, 1920 x 1080, 16:9 Aspect Ratio, VGA, DVI, HDMI (2), BNC (2), USB Port



Triview® Prestige Series LED Monitors

Tatung offers both 4:3 analog and 5:4 aspect ratio in 17" and 19" monitors.

- 10:000:1 contrast ratio
- 5:4 aspect ratio
- Slim and lightweight
- Energy efficient
- Uses 40% less power than CCFL

MFR. PART NO.	DESCRIPTION
TLM-170E	17" LED Monitor, 1280 x 1024, HDMI, VGA, 2 Composite BNC in and out, 2 Audio Inputs
TLM-190E	19" LED Monitor, 1280 x 1024, HDMI, VGA, 2 Composite BNC in and out, 2 Audio Inputs



Triview® 26" Public View Monitors

- 3000:1 contrast ratio
- 540 TVL resolution
- Internal wide dynamic camera
- 1/3 pixim DPS sensor
- 3 pre-edited display text messages



MFR. PART NO.	DESCRIPTION
TLM-2601PVM-W	26" Public View Monitor System (white), 1366 x 768, 24 VDC, 3D Comb Filter, DNR, 1 BNC Input, 2 BNC Outputs
TLM-2601PVM-B	26" Public View Monitor System (black), 1366 x 768, 24 VDC, 3D Comb Filter, DNR, 1 BNC Input, 2 BNC Outputs

Triview® 20" Public View Monitor

- 700:1 contrast ratio
- 480 TVL resolution
- Internal wide dynamic camera
- 1/3 DPS sensor
- Motion detector



MFR. PART NO.	DESCRIPTION
TLM-2001PVM	20" Public View Monitor System (black), 800 x 600, 1 BNC Input, 3 BNC Outputs, 3D Comb Filter, DNR, PIP and VOV

ALPHA FXM 350, 650, 1100 and 2000

- Rugged 350W, 650W, 1100W and 2000W UPS modules
- Wide operating temperature range: -40 to 74° C (-40 to 165° F)
- Automatic Voltage Regulation (AVR) lengthens battery life
- Communications via RS232, Ethernet SNMP, USB (USB on FXM350 only)
- Programmable dry contacts



MFR. PART NO.	DESCRIPTION
017-241-22	FXM350, 120 Vi/o, 24 Vo (dual output), 48 VDC Bus, SNMP
017-234-31	FXM650, 120 Vi/o, 24 VDC Bus, SNMP
017-230-23	FXM1100, 120 Vi/o, 48 VDC Bus, SNMP
017-232-31	FXM2000, 120 Vi/o, 48 VDC Bus, SNMP

ALPHA Micro 350 and 1000

- Rugged/integrated 350W and 1000W UPS systems
- Wide operating temperature range: -40 to 74° C (-40 to 165° F)
- Automatic Voltage Regulation (AVR) lengthens battery life
- Communications via RS232, Ethernet SNMP, USB (USB on Micro350 only)
- Scalable enclosure for additional batteries and longer run times
- Additional power output for Micro350 with optional distribution panel:
+12 VDC, +24 VDC, +48 VDC



MFR. PART NO.	DESCRIPTION
017-243-22	Micro350, 120 Vi/o, 24 Vo (dual output), 48 VDC Bus, SNMP
017-239-53	Micro1000, 120 Vi/o, 48 VDC Bus, SNMP

ALPHA Micro Secure 100

- Rugged/integrated 100W UPS system
- Wide operating temperature range: -40 to 50° C (-40 to 122° F)
- Automatic Voltage Regulation (AVR) lengthens battery life
- Communications via RS232 or optional Ethernet SNMP
- Programmable dry contacts



MFR. PART NO.	DESCRIPTION
017-220-23	MicroSec100, 120 Vi/o, 24 Vo (dual output), 24 VDC Bus
017-220-29	MicroSec100, 120 Vi/o, 24 Vo (dual output), 24 VDC, SNMP

ALPHA Sentra 750, 1000, 1500, 2200 and 3000

Power rating — 750VA, 1000VA, 1500VA, 2200VA and 3000VA.

- Highly efficient line interactive sine wave UPS with 0.9 output power factor
- Rack/tower convertible design with rotating LCD
- Hot-swappable battery function facilitates ease of maintenance
- Advanced Automatic Voltage Regulation (AVR) lengthens battery life
- Optional external battery cabinets provide extended backup time (Sentra XL models only)



Sentra Rack Configuration

Sentra Tower Configuration

MFR. PART NO.	DESCRIPTION
0170000	Alpha Sentra 750 Line-Interactive UPS, 36 VDC Bus, 3 Pieces x 7Ah/12V Battery
0170001	Alpha Sentra 1000 Line-Interactive UPS 36 VDC Bus, 3 Pieces x 7Ah/12V Battery
0170002	Alpha Sentra 1500 Line-Interactive UPS 36 VDC Bus, 3 Pieces x 9Ah/12V Battery
0170003	Alpha Sentra 2200 Line-Interactive UPS 72 VDC Bus, 6 Pieces x 7Ah/12V Battery
0170004	Alpha Sentra 3000 Line-Interactive UPS 72 VDC Bus, 6 Pieces x 9Ah/12V Battery
0170005	Alpha Sentra XL 1000 Line-Interactive UPS, 24 VDC Bus, 4 Pieces x 7Ah/12V Battery
0170006	Alpha Sentra XL 1500 Line-Interactive UPS, 24 VDC Bus, 4 Pieces x 9 Ah/12V Battery
0170007	Alpha Sentra XL 2200 Line-Interactive UPS, 48 VDC Bus, 8 Pieces x 7Ah/12V Battery
0170008	Alpha Sentra XL 3000 Line-Interactive UPS, 48 VDC Bus, 8 Pieces x 9Ah/12V Battery

ALPHA Continuity 1000, 2000, 3000, 6K and 10K

Power rating — 1000VA, 2000VA, 3000VA, 6000VA and 10000VA.

- Feature-rich online UPS series with advanced digital control technology that provides higher reliability and immunity
- Hot-swappable battery allows replacement without interruption to critical loads
- Emergency shutdown control through EPO complies with national safety regulations and local code
- Programmable receptacles enable flexible power backup



MFR. PART NO.	DESCRIPTION
0170009	Alpha Continuity 1000 Online UPS, 36 VDC Bus, 3 Pieces x 7Ah/12V Battery
0170010	Alpha Continuity 2000 Online UPS, 72 VDC Bus, 6 Pieces x 7Ah/12V Battery
0170011	Alpha Continuity 3000 Online UPS, 72 VDC Bus, 6 Pieces x 9Ah/12V Battery
0170012	Alpha Continuity 6K Online UPS without 6K Transformer
0170013	Alpha Continuity 10K Online UPS without 10K Transformer

ALPHA Solar Power Solutions

- Pre-engineered, integrated solar power systems for off-grid/backup power
- Ruggedized controls and battery enclosure
- Configurable for DC and AC power requirements
- Can provide up to 7 days of autonomy



MFR. PART NO.	DESCRIPTION
E.12.50.52	12V, 50W Solar Array, 52Ah Battery Bank Capacity
P.12.390.800	12V, 390W Solar Array, 800Ah Battery Bank Capacity
E.24.185.78	24V, 185W Solar Array, 78Ah Battery Bank Capacity
P.24.740.800	24V, 740W Solar Array, 800Ah Battery Bank Capacity
E.48.370.106	48V, 370W Solar Array, 106Ah Battery Bank Capacity
P.48.1480.1060M	48V, 1480W Solar Array, 1060Ah Battery Bank Capacity

CCTV DC Wall Mount Power Supplies

- PTC protected outputs
- Power LED indicators
- Includes field-installable line cord
- UL®/cUL Listed



MFR. PART NO.	DESCRIPTION
SAV4D	4 PTC Protected Outputs, 12 VDC at 5A Supply Current
SAV9D	9 PTC Protected Outputs, 12 VDC at 5A Supply Current
SAV18D	18 PTC Protected Outputs, 12 VDC at 5A Supply Current
SAV182D	18 PTC Protected Outputs, 12 VDC at 11A Supply Current
SAV36D	36 PTC Protected Outputs, 12 VDC at 11A Supply Current

CCTV Rack Mount Power Supplies

- Illuminated master power switch
- Power LED indicators
- 2U rack mount chassis for use in standard EIA 19" rack
- UL®/cUL Listed



MFR. PART NO.	DESCRIPTION
R2416300UL	16-Fuse Protected Outputs Rated 24 VAC @ 12.5A or 28 VAC @ 10A Supply Current
R2432600UL	32-Fuse Protected Outputs Rated 24 VAC @ 25A or 28 VAC @ 20A Supply Current
R615DC416UL	16-Fuse Protected Outputs Rated 6–15 VDC @ 4A Supply Current
R615DC616UL	32-Fuse Protected Outputs Rated 6–15 VDC @ 6A Supply Current

ReServ — Video Surveillance UPS

Features

- Built-in charger for sealed lead acid or gel-type batteries
- AC fail and low battery supervision
- AC/DC power LED indicators
- Enclosure accommodates two 12 VDC/7 AH batteries

Benefits

- Operates 24 VAC and/or 12 VDC cameras 24/7 — during normal, brownout and power fail conditions



MFR. PART NO.	DESCRIPTION
ReServ1	12 True Sine Wave Regulated 24 VAC Outputs; 4 Regulated 12 VDC Outputs; 24 VAC @ 4A Total Supply Current; 12 VDC @ 2A Total Supply Current
ReServ1WP	12 True Sine Wave Regulated 24 VAC Outputs; 4 Regulated 12 VDC Outputs; 24 VAC @ 4A Total Supply Current; 12 VDC @ 2A Total Supply Current; NEMA4/IP66 Rated Outdoor Enclosure
ReServ2	16 True Sine Wave Regulated 24 VAC Outputs; 24 VAC @ 4A Total Supply Current
ReServ2WP	16 True Sine Wave Regulated 24 VAC Outputs; 24 VAC @ 4A Total Supply Current; NEMA4/IP66 Rated Outdoor Enclosure
ReServ3	16 Regulated 12 VDC Outputs; 12 VDC @ 8A Total Supply Current
ReServ3WP	16 Regulated 12 VDC Outputs; 12 VDC @ 8A Total Supply Current; NEMA4/IP66 Rated Outdoor Enclosure

Desktop Battery Backup Units

Back-UPS® — Battery Backup with Surge Protection for Electronics and Computers

- Data line surge protection guards against surges and spikes traveling over 10/100BASE-T Ethernet
- Compatible with PowerChute® Software* (free download) — use your computer to access these additional power protection and management features: preserves work and shuts down system during outages; restarts system to minimize work disruptions; enables customization of Back-UPS settings; monitors and displays power and battery status (*does not include the BE350G)
- 3-year warranty (U.S. and Canada)
- \$75,000 Equipment Protection Policy (U.S. and Canada)



MFR. PART NO.	DESCRIPTION
BE350G	APC Back-UPS, 200W/350 VA, 6 Outlets, 120V
BE550G	APC Back-UPS, 330W/550 VA, 8 Outlets, 120V
BE750G	APC Back-UPS, 450W/750 VA, 10 Outlets, Including Power-Saving Outlets, 120V

Back-UPS® Pro — Premium Battery Backup with Surge Protection for High-Performance Electronics and Computers

- LCD display gives status of more than 20 different utility and battery backup conditions
- Data line surge protection guards against surges and spikes traveling over 10/100/1000BASE-T Ethernet and coax data lines
- Boost and Trim AVR instantly corrects voltage fluctuations so you can work indefinitely through brownouts and overvoltages without using battery power
- Power-saving outlets turn off unneeded equipment to conserve electricity
- PowerChute® Software (included) — use your computer to access these additional power protection and management features: preserves work and shuts down system during outages; restarts system to minimize work disruptions; enables customization of Back-UPS settings; monitors and displays power and battery status
- 3-year warranty (U.S. and Canada)
- \$150,000 Equipment Protection Policy (U.S. and Canada)



MFR. PART NO.	DESCRIPTION
BR700G	APC Power-Saving Back-UPS Pro, 420W/700 VA, 6 Outlets, 120V
BR1000G	APC Power-Saving Back-UPS Pro, 600W/1000 VA, 8 Outlets, 120V
BR1500G	APC Power-Saving Back-UPS Pro, 865W/1500 VA, 10 Outlets, 120V

Smart-UPS® Systems

Smart-UPS® Rack Mount

- Hot-swappable batteries
- Pure sine wave output
- Automatic Voltage Regulation (AVR) and network-grade surge suppression
- SmartSlot for advanced manageability options
- Rack height — 1U or 2U



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
SUA750RM1U	750 VA USB & Serial RM 1U 120V	SMT1500RM2U	1500 VA LCD RM 2U 120V
SMT750RM2U	750 VA LCD RM 2U 120V	SMT2000RM2U	2200 VA LCD RM 2U 120V
SUA1000RM1U	1000 VA USB & Serial RM 1U 120V	SMT3000RM2U	3000 VA LCD RM 2U 120V
SMT1000RM2U	1000 VA LCD RM 2U 120V		

Rack Power Distribution Units



Basic

- Low-cost power distribution
- Single-input power source
- Rack mountable

MFR. PART NO.	DESCRIPTION
120V Input — Vertical, 0U	
AP9567	15A, 1.4kW, NEMA 5-15P Input Plug, (14) 5-15 Output Receptacles, 12' Cord
AP7530	20A, 1.9kW, NEMA L5-20P Input Plug, (24) 5-20 Output Receptacles, 10' Cord
AP9551	20A, 1.9kW, NEMA L5-20P Input Plug, (14) 5-15 Output Receptacles, 12' Cord
AP7532	30A, 2.9kW, NEMA L5-30P Input Plug, (24) 5-20 Output Receptacles, 10' Cord
120V Input — Horizontal, 1U	
AP9562	15A, 1.4kW, NEMA 5-15P Input Plug, (10) 5-15 Output Receptacles, 12' Cord
AP9563	20A, 1.9kW, NEMA 5-20P Input Plug, (10) 5-20 Output Receptacles, 12' Cord
AP9564	20A, 1.9kW, NEMA L5-20P Input Plug, (10) 5-20 Output Receptacles, 12' Cord
AP9560	30A, 2.9kW, NEMA L5-30P Input Plug, (10) 5-20 Output Receptacles, 12' Cord
208V Input — Vertical, 0U	
AP9568	15A, 2.5kW, IEC-320 C14 Input Plug, (15) C13 Output Receptacles, 6.5' Cord
AP9572	20A, 3.3kW, IEC-320 C20 Input Plug, (15) C13 Output Receptacles, 8.2' Cord
AP7552	20A, 3.3kW, IEC-320 C20 Input Plug, (20) C13 and (4) C19 Output Receptacles, 10' Cord
AP7540	20A, 3.3kW, NEMA L6-20P Input Plug, (20) C13 and (4) C19 Output Receptacles, 10' Cord
AP7541	30A, 5.0kW, NEMA L6-30P Input Plug, (20) C13 and (4) C19 Output Receptacles, 10' Cord
208V Input — Horizontal, 1U	
AP9559	20A, 3.3kW, IEC-320 C20 Input Plug, (10) C13 and (2) C19 Output Receptacles, 8.2' Cord
AP9565	20A, 3.3kW, IEC-320 C20 Input Plug, (12) C13 Output Receptacles, 8.2' Cord
AP9566	20A, 3.3kW, NEMA L6-20P Input Plug, (12) C13 Output Receptacles, 12' Cord
AP9570	30A, 5.0kW, NEMA L6-30P Input Plug, (4) C19 Output Receptacles, 10' Cord
AP9571A	30A, 5.0kW, NEMA L6-30P Input Plug, (10) C13 Output Receptacles, 12' Cord
208V 3-Phase Input — Vertical, 0U	
AP7562	20A, 3 ϕ , 5.8kW, NEMA L21-20P Input Plug, (42) 5-20 Output Receptacles, 3' Cord
AP7592	20A, 3 ϕ , 5.8kW, NEMA L21-20P Input Plug, (42) 5-20 Output Receptacles, 10' Cord
AP7563	20A, 3 ϕ , 5.8kW, NEMA L21-20P Input Plug, (21) 5-20 and (6) L6-20 Output Receptacles, 3' Cord
AP7593	20A, 3 ϕ , 5.8kW, NEMA L21-20P Input Plug, (21) 5-20 and (6) L6-20 Output Receptacles, 10' Cord
AP7564	20A, 3 ϕ , 5.8kW, NEMA L21-20P Input Plug, (36) C13 and (6) C19 Output Receptacles, 3' Cord
AP7594	20A, 3 ϕ , 5.8kW, NEMA L21-20P Input Plug, (36) C13 and (6) C19 Output Receptacles, 10' Cord
AP7568	50A, 3 ϕ , 12.5kW, CS8365C Input Plug, (30) C13 and (6) C19 Output Receptacles, 3' Cord
AP7598	50A, 3 ϕ , 12.5kW, CS8365C Input Plug, (30) C13 and (6) C19 Output Receptacles, 10' Cord
AP7569	50A, 3 ϕ , 14.4kW, CS8365C Input Plug, (24) C13, (4) C19 and (2) L6-30 Output Receptacles, 3' Cord
AP7599	50A, 3 ϕ , 14.4kW, CS8365C Input Plug, (24) C13, (4) C19 and (2) L6-30 Output Receptacles, 10' Cord
AP7567A	50A, 3 ϕ , 12.5kW, CS8365C Input Plug, (6) C19 and (3) C13 Output Receptacles, 6' Cord
208V 3-Phase Input — Horizontal, 1U	
AP7516	50A, 3 ϕ , 14.4kW, CS8365C Input Plug, (6) C19 Output Receptacles, 8' Cord
208V 3-Phase Input — Horizontal, 2U	
AP7581	30A, 3 ϕ , 5.0kW, NEMA L14-30P Input Plug, (4) L6-20 Output Receptacles, 28' Cord
AP7582	30A, 3 ϕ , 5.0kW, NEMA L14-30P Input Plug, (12) 5-20 Output Receptacles, 28' Cord
AP7584	30A, 3 ϕ , 5.0kW, NEMA L14-30P Input Plug, (4) L6-30 Output Receptacles, 28' Cord
415V 3-Phase Input — Vertical, 0U	
AP7557NA	20A, 3 ϕ , 11.5kW, IEC309 3P+PE Input Plug, (36) C13 and (6) C19 Output Receptacles, 3' Cord

Metered

- Alarm thresholds
- Local and web-based monitoring
- Local current monitoring display
- Load indicator LED

MFR. PART NO.	DESCRIPTION
120V Input — Vertical, 0U	
AP7831	15A, 1.4kW, NEMA 5-15P Input Plug, (16) 5-15 Output Receptacles, 10' Cord
AP7830	20A, 1.9kW, NEMA L5-20P Input Plug, (24) 5-20 Output Receptacles, 10' Cord
AP7832	30A, 2.9kW, NEMA L5-30P Input Plug, (24) 5-20 Output Receptacles, 10' Cord
120V Input — Horizontal, 1U	
AP7800	15A, 1.4kW, NEMA 5-15P Input Plug, (8) 5-15 Output Receptacles, 12' Cord
AP7801	20A, 1.9kW, NEMA L5-20P Input Plug, (8) 5-20 Output Receptacles, 12' Cord
120V Input — Horizontal, 2U	
AP7802	30A, 2.9kW, NEMA L5-30P Input Plug, (16) 5-20 Output Receptacles, 12' Cord
208V Input — Vertical, 0U	
AP7850	15A, 2.5kW, IEC-320 C14 Input Plug, (16) C13 Output Receptacles, 10' Cord
AP8858NA3	20A, 3.3kW, NEMA L6-20P Input Plug, (18) C13 and (2) C19 Output Receptacles, 10' Cord
AP8858	20A, 3.3kW, IEC-320 C20 Inlet Receptacle, (18) C13 and (2) C19 Output Receptacles (input cord not provided)
AP8841	30A, 5.0kW, NEMA L6-30P Input Plug, (36) C13 and (6) C19 Output Receptacles, 10' Cord



surveillance accessories

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continued...

Rack Power Distribution Units (continued)

Metered (continued)

MFR. PART NO.	DESCRIPTION
208V Input — Horizontal, 1U	
AP7820	15A, 2.5kW, IEC-320 C14 Input Plug, (8) C13 Output Receptacles, 6.5' Cord
AP7821	20A, 3.3kW, IEC-320 C20 Input Plug, (8) C13 Output Receptacles, 8' Cord
208V Input — Horizontal, 2U	
AP7811	30A, 5.0kW, NEMA L6-30P Input Plug, (12) C13 and (4) C19 Output Receptacles, 12' Cord
208V 3-Phase Input — Vertical, 0U	
AP7862	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (42) 5-20 Output Receptacles, 3' Cord
AP7892	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (42) 5-20 Output Receptacles, 10' Cord
AP7863	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (21) 5-20 and (6) L6-20 Output Receptacles, 3' Cord
AP7893	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (21) 5-20 and (6) L6-20 Output Receptacles, 10' Cord
AP8861	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (36) C13, (6) C19 and (2) 5-20 Output Receptacles, 6' Cord
AP8865	30A, 3 ϕ , 8.6kW, NEMA L21-30P Input Plug, (36) C13, (6) C19 and (2) 5-20 Output Receptacles, 6' Cord
AP7868	50A, 3 ϕ , 12.5kW, CS8365C Input Plug, (30) C13 and (6) C19 Output Receptacles, 3' Cord
AP7898	50A, 3 ϕ , 12.5kW, CS8365C Input Plug, (30) C13 and (6) C19 Output Receptacles, 10' Cord
AP7869	50A, 3 ϕ , 14.4kW, CS8365C Input Plug, (24) C13, (4) C19 and (2) L6-30 Output Receptacles, 3' Cord
AP7899	50A, 3 ϕ , 14.4kW, CS8365C Input Plug, (24) C13, (4) C19 and (2) L6-30 Output Receptacles, 10' Cord
AP7867A	50A, 3 ϕ , 14.4kW, CS8365C Input Plug, (6) C19 Output Receptacles, 6' Cord
AP7866	60A, 3 ϕ , 16.2kW, IEC309 3P+PE Input Plug, (12) C19 and (3) C13 Output Receptacles, 3' Cord
AP7866A	60A, 3 ϕ , 16.2kW, IEC309 3P+PE Input Plug, (12) C19 and (3) C13 Output Receptacles, 6' Cord
415V 3-Phase Input — Vertical, 0U	
AP8881	20A, 3 ϕ , 11.5kW, IEC309 3P+PE Input Plug, (36) C13 and (6) C19 Output Receptacles, 6' Cord
AP7856x563	40A, 3 ϕ , 23kW, IEC309 3P+PE Input Plug, (12) C19 and (12) C13 Output Receptacles, 3' Cord

Metered-by-Outlet

Metered-by-Outlet Rack PDUs provide real-time remote monitoring of each individual outlet.

Contact your local CSC Representative for ordering information.

Switched

- Provides all the characteristics of the Metered Rack PDUs, along with added features
- Remote individual outlet control
- Power delays
- Remote management capabilities
- Network management via Web, SNMP, Telnet™

MFR. PART NO.	DESCRIPTION
120V Input — Vertical, 0U	
AP7931	15A, 1.4kW, NEMA 5-15P Input Plug, (16) 5-15 Output Receptacles, 10' Cord
AP7930	20A, 1.9kW, NEMA L5-20P Input Plug, (24) 5-20 Output Receptacles, 10' Cord
AP7932	30A, 2.9kW, NEMA L5-30P Input Plug, (24) 5-20 Output Receptacles, 10' Cord
120V Input — Horizontal, 1U	
AP7900	15A, 1.4kW, NEMA 5-15P Input Plug, (8) 5-15 Output Receptacles, 12' Cord
AP7901	20A, 1.9kW, NEMA L5-20P Input Plug, (8) 5-20 Output Receptacles, 12' Cord
120V Input — Horizontal, 2U	
AP7902	30A, 2.9kW, NEMA L5-30P Input Plug, (16) 5-20 Output Receptacles, 10' Cord
208V Input — Vertical, 0U	
AP8958NA3	20A, 3.3kW, NEMA L6-20P Input Plug, (7) C13 and (1) C19 Output Receptacles, 10' Cord
AP8958	20A, 3.3kW, IEC-320 C20 Inlet Receptacle, (7) C13 and (1) C19 Output Receptacles (input cord not provided)
AP8959NA3	20A, 3.3kW, NEMA L6-20P Input Plug, (21) C13 and (3) C19 Output Receptacles, 10' Cord
AP8959	20A, 3.3kW, IEC-320 C20 Inlet Receptacle, (21) C13 and (3) C19 Output Receptacles (input cord not provided)
AP8941	30A, 5.0kW, NEMA L6-30P Input Plug, (21) C13 and (3) C19 Output Receptacles, 10' Cord
208V Input — Horizontal, 1U	
AP7920	15A, 2.5kW, IEC-320 C14 Input Plug, (8) C13 Output Receptacles, 6.5' Cord
AP7921	20A, 3.3kW, IEC-320 C20 Input Plug, (8) C13 Output Receptacles, 8' Cord
208V Input — Horizontal, 2U	
AP7911A	30A, 5.0kW, NEMA L6-30P Input Plug, (16) C13 Output Receptacles, 10' Cord
208V 3-Phase Input — Vertical, 0U	
AP7960	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (24) 5-20 Output Receptacles, 3' Cord
AP7990	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (24) 5-20 Output Receptacles, 10' Cord
AP8961	20A, 3 ϕ , 5.7kW, NEMA L21-20P Input Plug, (21) C13 and (3) C19 Output Receptacles, 6' Cord
AP8965	30A, 3 ϕ , 8.6kW, NEMA L21-30P Input Plug, (21) C13 and (3) C19 Output Receptacles, 6' Cord
AP7968	50A, 3 ϕ , 12.5kW, CS8365C Input Plug, (21) C13 and (3) C19 Output Receptacles, 3' Cord
AP7998	50A, 3 ϕ , 12.5kW, CS8365C Input Plug, (21) C13 and (3) C19 Output Receptacles, 10' Cord
415V 3-Phase Input — Vertical, 0U	
AP8981	20A, 3 ϕ , 11.5kW, IEC309 3P+PE Input Plug, (21) C13 and (3) C19 Output Receptacles, 6' Cord

NOTE: Other models and voltages available.

Individual CCTV Surge Protection

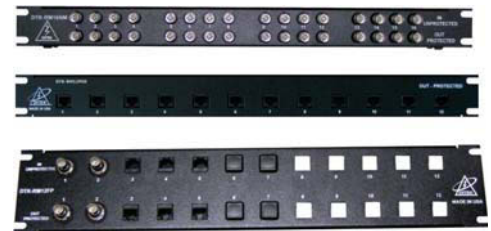
- Protect power, video and data circuits on fixed and PTZ cameras
- Available for both analog and digital (IP/PoE) cameras
- Connection methods include RJ45, BNC and twisted pair
- 10-year limited warranty



MFR. PART NO.	DESCRIPTION
DTK-PVPIP	IP Video Surge Protection — Protects Power, Video and Data — Gigabit Ethernet Data Rate, RJ45 In/Out
DTK-MRJPoE	PoE Surge Protection — Protects Power, Video and Data — 100 mbps Data Rate, RJ45 In/Out
DTK-DP4P	PTZ Camera Surge Protection — Protects Power, Video and Data — for Coax, Balun or Twisted Pair
DTK-PVP27B	Fixed Camera Surge Protection — Protects Power and Video — for Coax, Coaxitron or Twisted Pair
DTK-IBNC28	Inline Coaxial Surge Protector — Use Where AC Power is Already Protected and Ground is Unavailable

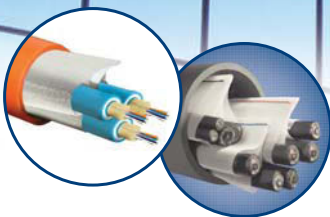
Rack Mount CCTV Surge Protection

- Protect power, video and data circuits on critical head-end equipment
- Available for both analog and digital surveillance systems
- Connection methods include RJ45, BNC and twisted pair
- 10-year limited warranty



MFR. PART NO.	DESCRIPTION
DTK-DRP16	16-Channel DVR Protector — Provides Battery Back-Up, and Power, Video and Data Surge Protection
DTK-RM12FP	12-Channel Scalable Surge Protection System with Modular Protection — for Analog and Digital Circuits
DTK-RM16 NM	16-Channel Rack Mount Video Line Protection — BNC Coax In/Out
DTK-RM12POE	12-Channel Rack Mount PoE Surge Protection with Field Replaceable Modules — 100 mbps Data Rate
DTK-RM16C5	16-Channel IP Video Patch Panel with Field Replaceable Modules — Gigabit Ethernet Data Rate

Why do Designers, Network Owners and Builders Use MaxCell?



- 300% Greater Cable Density
- 3X Faster Installation — Anywhere
- Safely Overlays Existing Cables or Innerduct
- 3X More Pathway on 3X Smaller Reels



Environmentally Friendly

As the world's most environmentally friendly innerduct, sustainability is at the core of MaxCell.

MaxCell environmental advantages include:

- Nearly 90% smaller and lighter than rigid innerduct — less raw material and reduced footprint means less fuel usage in shipping
- Order in custom lengths, at no additional cost, for less jobsite waste
- Recyclable packaging — reels and wrap can be recycled into new products

When it comes to innerduct, the traditional rigid variety dictates longer installation time, enormous reels, and requires more conduit, trenching or riser space than needed with MaxCell. When you compare traditional rigid innerduct to MaxCell, the choice is obvious. If you or your contractor are new to MaxCell, the CSC and MaxCell team will make sure everyone is comfortable with the product and even provide installation and product selection support. Try MaxCell and see why over 90% of first-time users make the switch.

Over 200 million linear feet installed since 1999

- 90% of first-time buyers switch to MaxCell
- Free installation training and support
- Meets demanding requirements for military, telecom and CATV
- Plenum and riser rated product lines for campus and enterprise applications

To order your copy of the MaxCell product guide, visit www.gocsc.com/MaxCellpg1213



Power Quality Solutions: Eaton 5PX UPS; BladeUPS; and Enclosure Power Distribution Units (ePDU)



MFR. PART NO.	DESCRIPTION
5PX1000RT	Eaton 5PX 1000VA UPS; 5-15 (8') Input Connection; (8) 5-15R Output Receptacles; 3.4"H x 17.4"W x 20.6"D; 62 lbs.
5PX1500RT	Eaton 5PX 1400VA UPS; 5-15 (8') Input Connection; (8) 5-15R Output Receptacles; 3.4"H x 17.4"W x 20.6"D; 65 lbs.
5PX2200RT	Eaton 5PX 1950VA UPS; 5-20 (8') Input Connection; (8) 5-20R Output Receptacles; 3.4"H x 17.4"W x 20.6"D; 65 lbs.
5PX3000RT2U	Eaton 5PX 2U 3000VA UPS; L5-30P (10') Input Connection; (1) L5-30R Output Receptacle; 3.4"H x 17.4"W x 25.4"D; 87 lbs.
5PX3000RT3U	Eaton 5PX 3U 3000VA UPS; L5-30P (10') Input Connection; (6) 5-20R Output Receptacles; 5.1"H x 17.4"W x 19.6"D; 86 lbs.
5PXEBM48RT	Extended Battery Module for Use with 5PX1000RT; 5PX1500RT and 5PX2200RT; 48V; 3.4"H x 17.4"W x 20.6"D; 72 lbs.
5PXEBM72RT2U	Extended Battery Module for Use with 5PX3000RT2U; 72V; 3.4"H x 17.4"W x 25.4"D; 102 lbs.
5PXEBM72RT3U	Extended Battery Module for Use with 5PX3000RT3U; 72V; 5.1"H x 17.4"W x 19.6"D; 98 lbs.
103003266-6591	Eaton 5115 500VA Rack Mount UPS; 5-15P Input Connection; (4) 5-15R Output Receptacles; 1.75"H x 17.3"W x 22.8"D; 35.2 lbs.
103003269-6591	Eaton 5115 750VA Rack Mount UPS; 5-15P Input Connection; (4) 5-15R Output Receptacles; 1.75"H x 17.3"W x 22.8"D; 41.4 lbs.
103003272-6591	Eaton 5115 1000VA Rack Mount UPS; 5-15P Input Connection; (4) 5-15R Output Receptacles; 1.75"H x 17.3"W x 22.8"D; 41.4 lbs.
103003275-6591	Eaton 5115 1500VA Rack Mount UPS; 5-15P Input Connection; (4) 5-15R Output Receptacles; 1.75"H x 17.3"W x 22.8"D; 48.6 lbs.
05146629-5591	Eaton 5125 1000VA Tower UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 9.81"H x 6.38"W x 15.79"D; 34.3 lbs.
05146632-5591	Eaton 5125 1500VA Tower UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 9.81"H x 6.38"W x 18.39"D; 50.7 lbs.
05146635-5591	Eaton 5125 2200VA Tower UPS; 5-20P Input Connection; (6) 5-15R, (2) 5-20R Output Receptacles; 9.84"H x 8.07"W x 19.41"D; 68.3 lbs.
05146638-5591	24V Extended Battery Module for Eaton 5125 1000VA Tower UPS; 9.84"H x 6.38"W x 18.66"D; 59.5 lbs.
05146639-5591	48V Extended Battery Module for Eaton 5125 1500/2200VA Tower UPS; 9.84"H x 6.38"W x 18.66"D; 59.5 lbs.
PW5130L1000-XL2U	Eaton 5130 1000VA Rack/Tower UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 3.4"H x 17.4"W x 20.0"D; 53.6 lbs.
PW5130L2200-XL2U	Eaton 5130 2200VA Rack/Tower UPS; 5-20P Input Connection; (8) 5-20R Output Receptacles; 3.4"H x 17.4"W x 25.0"D; 74.5 lbs.
PW5130L2200-XL2US	Eaton 5130 2200VA Rack/Tower UPS, TAA Compliant; 5-20P Input Connection; (8) 5-20R Output Receptacles; 3.4"H x 17.4"W x 25.0"D; 74.5 lbs.
PW5130L0000-XL2US	Eaton 5130 3000VA Rack/Tower UPS, TAA Compliant; L5-30P Input Connection; (1) L5-30P, (6) 5-20R Output Receptacles; 3.4"H x 17.4"W x 25.0"D; 74.5 lbs.
PW5130N1750-EBM2U	Eaton 5130 Extended Battery Module for 1000/1250/1500/1750VA R/T 2U; 3.4"H x 17.4"W x 20.0"D; 67.0 lbs.
PW9130L700T	Eaton 9130 700VA Tower UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 9.1"H x 6.3"W x 13.9"D; 26.5 lbs.
PW9130L1000T-XL	Eaton 9130 1000VA Tower UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 9.1"H x 6.3"W x 15.1"D; 30.9 lbs.
PW9130L1500T-XL	Eaton 9130 1000VA Tower UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 9.1"H x 6.3"W x 17.0"D; 41.8 lbs.
PW9130L2000T-XL	Eaton 9130 2000VA Tower UPS; 5-20P Input Connection; (1) L5-20, (4) 5-20R Output Receptacles; 12.8"H x 8.4"W x 16.2"D; 77.2 lbs.
PW9130L3000T-XL	Eaton 9130 2000VA Tower UPS; L5-30P Input Connection; (4) 5-20R, (1) L5-30R Output Receptacles; 12.8"H x 8.4"W x 16.2"D; 77.2 lbs.
PW9130L700R-XL2U	Eaton 9130 700VA Rack Mount UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 3.4"H x 17.3"W x 16.9"D; 35.3 lbs.
PW9130L1000R-XL2U	Eaton 9130 1000VA Rack Mount UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 3.4"H x 17.3"W x 16.9"D; 35.3 lbs.
PW9130L1500R-XL2U	Eaton 9130 1500VA Rack Mount UPS; 5-15P Input Connection; (6) 5-15R Output Receptacles; 3.4"H x 17.3"W x 16.9"D; 43 lbs.
PW9130L2000R-XL2U	Eaton 9130 2000VA Rack Mount UPS; 5-20P Input Connection; (6) 5-20R, (1) L5-20R Output Receptacles; 3.4"H x 17.3"W x 22.6"D; 63.9 lbs.
PW9130L2000R-XL2UN	Eaton 9130 2000VA Rack Mount UPS; 5-20P Input Connection; (6) 5-20R, (1) L5-20R Output Receptacles; 3.4"H x 17.3"W x 22.6"D; 63.9 lbs.
PW9130L2500R-XL2U	Eaton 9130 2500VA Rack Mount UPS; 5-30P Input Connection; (6) 5-20R, (1) L5-30R Output Receptacles; 3.4"H x 17.3"W x 22.6"D; 65 lbs.
PW9130L3000R-XL2	Eaton 9130 3000VA Rack Mount UPS; 5-30P Input Connection; (6) 5-20R, (1) L5-30R Output Receptacles; 3.4"H x 17.3"W x 22.6"D; 65 lbs.
PW9130L3000R-XL2N	Eaton 9130 3000VA Rack Mount UPS; 5-30P Input Connection; (6) 5-20R, (1) L5-30R Output Receptacles; 3.4"H x 17.3"W x 22.6"D; 65 lbs.
PW9135G5000-XL3U	Eaton 9135 5000VA Rack/Tower UPS; Terminal Block with L6-30 Cord Input Connection; Hardwired + (4) L6-30R Output Receptacles; 5.14"H x 17.5"W x 29.2"D; 125.7 lbs.
PW9135G6000-XL3U	Eaton 9135 6000VA Rack/Tower UPS; Terminal Block with L6-30 Cord Input Connection; Hardwired + (4) L6-30R Output Receptacles; 5.14"H x 17.5"W x 29.2"D; 125.7 lbs.
PW9135G6000-XL3UN	Eaton 9135 6000VA Rack/Tower UPS with Network Card-MS; Terminal Block with L6-30 Cord Input Connection; Hardwired + (4) L6-30R Output Receptacle; 5.14"H x 17.5"W x 29.2"D; 125.7 lbs.

Basic ePDUs — Horizontal Mount Models

ePBZ78	Max. kW — 2.88; L5-30P Input Plug, (20) 5-20R Output Receptacles, 15' Cord; 1.7"H x 17.0"W x 3.5"D
ePBZ79	Max. kW — 4.99; L6-30P Input Plug, (16) C13, (4) C19 Output Receptacles, 15' Cord; 1.7"H x 17.0"W x 5.1"D
ePBZ82	Max. kW — 1.92; L5-20P/5-20P* Input Plug, (12) 5-20R Output Receptacles, 15' Cord; 1.7"H x 17.3"W x 2.3"D
ePBZ83	Max. kW — 1.44; 5-15P Input Plug, (12) 5-15R Output Receptacles, 15' Cord; 1.7"H x 17.3"W x 2.3"D
ePBZ84	Max. kW — 2.88; L5-30P Input Plug, (10) 5-20R Output Receptacles, 10' Cord; 1.7"H x 17.0"W x 3.5"D
ePBZ85	Max. kW — 1.92; 5-20P Input Plug, (12) 5-20R Output Receptacles, 10' Cord; 1.7"H x 17.3"W x 2.3"D

* Units ship with an adapter for 5-20P input plug.

continued

Power Quality Solutions (continued)



surveillance accessories

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MFR. PART NO.	DESCRIPTION
Basic ePDUs — Horizontal Mount Models (continued)	
ePBZ86	Max. kW — 1.44; 5-15P Input Plug, (12) 5-15R Output Receptacles, 10' Cord; 1.7"H x 17.3"W x 2.3"D
ePBZ88	Max. kW — 3.33; C20 Input Plug, (10) C13, (2) C19 Output Receptacles, 6' Cord; 1.7"H x 19.0"W x 2.4"D
ePBZ91	Max. kW — 4.99; L6-30P Input Plug, (10) C13 Output Receptacles, 10' Cord; 1.7"H x 17.0"W x 3.5"D
ePBZ94	Max. kW — 4.99; L6-30P Input Plug, (6) C19 Output Receptacles, 6' Cord; 1.7"H x 19.0"W x 2.4"D
ePBZ95	Max. kW — 3.33; L6-20P Input Plug, (12) C13, (1) C19 Output Receptacles, 6' Cord; 1.7"H x 19.0"W x 2.4"D
ePBZ99	Max. kW — 1.92; L5-20P Input Plug, (12) 5-20R Output Receptacles, 6' Cord; 1.7"H x 19.0"W x 2.4"D
EFLX13000R-PDU1UIEC	Max. kW — 3.33; C20 Input Plug, (12) C13, (1) C19 Output Receptacles, 3' Cord; 1.7"H x 17.3"W x 2.4"D
EFLX1500R-PDU1U	Max. kW — 1.44; 5-15P Input Plug, (12) 5-15R Output Receptacles, 3' Cord; 1.7"H x 17.3"W x 2.4"D
EFLX2000R-PDU1U	Max. kW — 1.92; 5-20P Input Plug, (12) 5-20R Output Receptacles, 3' Cord; 1.7"H x 17.3"W x 2.4"D
EFLX2000R-PDU1UL	Max. kW — 1.92; 5-20P Input Plug, (5) L5-20R Output Receptacles, 3' Cord; 1.7"H x 17.3"W x 2.4"D
PW101BA1U140	Max. kW — 1.44; 5-15P Input Plug, (12) 5-15R Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW102BA1U158	Max. kW — 1.44; 5-15P Input Plug, (12) 5-20R Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW102BA1U159	Max. kW — 1.92; L5-20P Input Plug, (12) 5-20R Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW103BA1U190	Max. kW — 2.88; L5-30P Input Plug, (12) 5-20R Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW103BA1U191	Max. kW — 3.33; L6-20P Input Plug, (12) C13 Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW103BA1U405	Max. kW — 3.33; C20 Input Plug, (16) C13 Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW103BA1U406	Max. kW — 4.99; L6-30P Input Plug, (16) C13 Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW105BA1U163	Max. kW — 4.99; L6-30P Input Plug, (12) C13 Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW105BA1U192	Max. kW — 4.99; L6-30P Input Plug, (6) C13, (4) C19 Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW105BA1U404	Max. kW — 4.99; L14-30P Input Plug, (12) 5-15R Output Receptacles, 9' Cord; 1.7"H x 19.0"W x 7.0"D
PW105BA2U420	Max. kW — 4.99; L6-30P Input Plug, (4) L6-20R Output Receptacles, 9' Cord; 3.4"H x 19.0"W x 6.0"D
PW314BA1U193	Max. kW — 14.4; CS8365 Input Plug, (6) C19 Output Receptacles, 9' Cord; 1.7"H x 17.0"W x 7.0"D
Basic ePDUs — Vertical Mount Models	
ePBZ71	Max. kW — 1.92; 5-20P/L5-20P* Input Plug, (30) 5-20R Output Receptacles, 15' Cord; 72.0"H x 1.5"W x 1.5"D
ePBZ72	Max. kW — 1.92; 5-20P/L5-20P* Input Plug, (18) 5-20R Output Receptacles, 15' Cord; 48.0"H x 1.5"W x 1.5"D
ePBZ73	Max. kW — 1.44; 5-15P Input Plug, (18) 5-15R Output Receptacles, 15' Cord; 48.0"H x 1.5"W x 1.5"D
ePBZ74	Max. kW — 1.92; 5-20P/L5-20P* Input Plug, (14) 5-20R Output Receptacles, 15' Cord; 24.0"H x 1.5"W x 1.5"D
ePBZ75	Max. kW — 1.44; 5-15P Input Plug, (14) 5-15R Output Receptacles, 15' Cord; 24.0"H x 1.5"W x 1.5"D
ePBZ77	Max. kW — 1.92; L5-20P/5-20P Input Plug, (24) 5-20R Output Receptacles, 15' Cord; 60.0"H x 1.5"W x 1.5"D
ePBZ80	Max. kW — 4.99; L6-30P Input Plug, (30) C13 Output Receptacles, 10' Cord; 52.9"H x 1.9"W x 2.1"D
ePBZ89	Max. kW — 1.44; C14 Input Plug, (16) C13 Output Receptacles, 6' Cord; 28.0"H x 2.2"W x 1.9"D
ePBZ90	Max. kW — 2.88; L5-30P Input Plug, (24) 5-20R Output Receptacles, 15' Cord; 40.0"H x 1.9"W x 2.1"D
ePBZ92	Max. kW — 4.99; L6-30P Input Plug, (20) C13, (4) C19 Output Receptacles, 6' Cord; 42.0"H x 2.2"W x 1.9"D
ePBZ93	Max. kW — 3.33; L6-20P Input Plug, (20) C13, (4) C19 Output Receptacles, 6' Cord; 42.0"H x 2.2"W x 1.9"D
ePBZ96	Max. kW — 1.92; L5-20P Input Plug, (24) 5-20R Output Receptacles, 6' Cord; 60.0"H x 1.5"W x 1.5"D
ePBZ97	Max. kW — 1.92; 5-20P Input Plug, (24) 5-20R Output Receptacles, 6' Cord; 60.0"H x 1.5"W x 1.5"D
ePBZ98	Max. kW — 1.44; 5-15P Input Plug, (18) 5-15R Output Receptacles, 6' Cord; 48.0"H x 1.5"W x 1.5"D
PW103BA0U237	Max. kW — 3.33; L6-20P Input Plug, (24) C13, (4) C19 Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW103BA0U257	Max. kW — 2.88; L5-30P Input Plug, (24) 5-20R Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW105BA0U239	Max. kW — 4.99; L6-30P Input Plug, (24) C13, (4) C19 Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW105BA0U412	Max. kW — 4.99; L14-30P Input Plug, (12) 5-15R Output Receptacles, 9' Cord; 10.0"H x 7.8"W x 3.0"D
PW105BA0U421	Max. kW — 4.99; L14-30P Input Plug, (24) 5-20R Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW306BA0U241	Max. kW — 5.76; L21-20P Input Plug, (30) 5-20R Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW306BA0U244	Max. kW — 5.76; L21-20P Input Plug, (30) C13, (6) C19 Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW306BA0U246	Max. kW — 5.76; L21-20P Input Plug, (18) 5-20R, (6) L6-30R Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW309BA0U409	Max. kW — 8.65; L21-30P Input Plug, (24) 5-20R Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW314BA0U251	Max. kW — 14.4; CS8365 Input Plug, (24) C13, (4) C19, (2) L6-30R Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
PW314BA0U253	Max. kW — 14.4; CS8365 Input Plug, (30) C13, (6) C19 Output Receptacles, 9' Cord; 66.0"H x 1.9"W x 2.0"D
Advanced Monitored ePDUs — Vertical Mount Models	
eAM001	Max. kW — 5.8; L6-30P Input Plug, (20) C13, (4) C19 Output Receptacles, 10' Cord; 68.0"H x 2.2"W x 2.6"D
eAM002	Max. kW — 5.8; L21-20P Input Plug, (21) C13, (3) C19 Output Receptacles, 10' Cord; 60.0"H x 2.2"W x 2.6"D
eAM003	Max. kW — 12.6; CS8365C Input Plug, (21) C13, (3) C19 Output Receptacles, 10' Cord; 68.0"H x 2.2"W x 2.6"D
eAM004	Max. kW — 8.6; L21-30P Input Plug, (21) C13, (3) C19 Output Receptacles, 10' Cord; 68.0"H x 2.2"W x 2.6"D
eAM005	Max. kW — 17.3; IEC309 48A Input Plug, (21) C13, (3) C19 Output Receptacles, 10' Cord; 72.4"H x 2.2"W x 2.6"D
eAM008	Max. kW — 3.3; C20 Input Plug, (20) C13, (4) C19 Output Receptacles, 10' Cord; 60.0"H x 2.2"W x 2.6"D
Managed ePDUs — Vertical Mount Models	
eMA006	Max. kW — 5.8; L21-20P Input Plug, (21) C13, (3) C19 Output Receptacles, 10' Cord; 60.0"H x 2.2"W x 2.6"D
eMA007	Max. kW — 12.6; CS8365C Input Plug, (21) C13, (3) C19 Output Receptacles, 10' Cord; 68.0"H x 2.2"W x 2.6"D
eMA009	Max. kW — 17.3; IEC309 48A Input Plug, (12) C13, (12) C19 Output Receptacles, 10' Cord; 72.4"H x 2.2"W x 2.6"D
eMA010	Max. kW — 5.8; L6-30P Input Plug, (20) C13, (4) C19 Output Receptacles, 10' Cord; 68.0"H x 2.2"W x 2.6"D
eMA011	Max. kW — 8.6; L21-30P Input Plug, (21) C13, (3) C19 Output Receptacles, 10' Cord; 68.0"H x 2.2"W x 2.6"D
eMA012	Max. kW — 3.3; L6-20P Input Plug, (20) C13, (4) C19 Output Receptacles, 10' Cord; 60.0"H x 2.2"W x 2.6"D
eMA013	Max. kW — 11.5; IEC309 16A Input Plug, (12) C13, (12) C19 Output Receptacles, 10' Cord; 68.0"H x 2.2"W x 2.6"D
eMA014	Max. kW — 17.3; IEC309 24A Input Plug, (12) C13, (12) C19 Output Receptacles, 10' Cord; 72.4"H x 2.2"W x 2.6"D

* Units ship with an adapter for 5-20P input plug.

120V Rack Mount Power Strips

Rack mount power distribution units are the rugged industry standard.

Features

- Equipped with 8 rear outlets and 1 front outlet, surge and spike protection, EMI filtering and 9' cord
- Illuminated combination power switch/circuit breaker located on front panel
- Occupies 1 RU
- 9" depth offers easy access to rear panel outlets

Benefits

- Surge and spike protection utilizes a clean line-to-neutral that does not pass noise contamination to ground
- Rear outlets are solidly mounted on yokes to eliminate deflection



MFR. PART NO.	DESCRIPTION
PD-915R	15A, 9-Outlet Rack Mount Power Strip, Spike, Surge, 9' Power Cord
PD-920R	20A, 9-Outlet Rack Mount Power Strip, Spike, Surge, 9' Power Cord

NOTE: Additional options available; contact your local CSC Representative for ordering information.

PDT Series Thin Power Strips

PDT Series Thin Power Strips take up minimal space inside a rack and feature a unique design that allows isolated ground configurability.

Features

- Thin power strips have 10 or 20 outlets, and a 9' cord
- Outlets are spaced to provide enough room for plug-in power supplies
- Mounts easily with provided clips
- NRTL Listed in the U.S. and Canada

Benefits

- Corded models feature SignalSAFE™ cords to virtually eliminate AC magnetic fields
- Unique design allows isolated ground configurability in the field



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
PDT-1015C-NS	15A 10-Outlet Thin Vertical Power Strip, 9' Cord	PDT-2015C-NS	15A 20-Outlet Thin Vertical Power Strip, 9' Cord
PDT-1020C-NS	20A 10-Outlet Thin Vertical Power Strip, 9' Cord	PDT-2020C-NS	20A 20-Outlet Thin Vertical Power Strip, 9' Cord

NOTE: Additional options available; contact your local CSC Representative for ordering information.

FOR EMERGENCY COMMUNICATIONS PRODUCTS

See pages 5-2 – 5-4



NetShelter™ SX

- Perforated front and rear doors provide ample ventilation for servers and networking equipment; front door can be moved to opposite side or interchanged with rear doors; doors are easily removed with simple lift-off design
- Roof, side panels, and front and rear doors are grounded to enclosure frame
- Overhead cable troughs and data cable partitions install tool-less on the roof of the enclosure, eliminating the need for ceiling-mounted or underfloor-mounted cable trays
- Enclosures are shipped standard with leveling feet and casters
- Split rear doors improve access and serviceability to rear of rack-mounted equipment
- Add-on Rack Access Control protects IT assets with local or remote control and management of access privileges, including an audit trail
- Assemble-to-order enclosure AR3000 for configuring the standard NetShelter SX enclosure; options include removal of doors, side panels or roof, and adjustment of mounting rails and tool-less rear channel; available for enclosures with 42, 45 and 48U heights, 600 or 750mm widths, and 1070 or 1200mm depths



MFR. PART NO.	DESCRIPTION
AR3100	For Low-Medium Density Servers — 42U, 24"W (600mm) x 42"D (1070mm)
AR3105	For Low-Medium Density Servers — 45U, 24"W (600mm) x 42"D (1070mm)
AR3107	For Low-Medium Density Servers — 48U, 24"W (600mm) x 42"D (1070mm)
AR3150	For Networking and Blade Applications — 42U, 30"W (750mm) x 42"D (1070mm)
AR3155	For Networking and Blade Applications — 45U, 30"W (750mm) x 42"D (1070mm)
AR3157	For Networking and Blade Applications — 48U, 24"W (600mm) x 42"D (1070mm)
AR3300	For Medium-High Density Servers — 42U, 24"W (600mm) x 47.5"D (1200mm)
AR3305	For Medium-High Density Servers — 45U, 24"W (600mm) x 47.5"D (1200mm)
AR3307	For Medium-High Density Servers — 48U, 24"W (600mm) x 47.5"D (1200mm)
AR3350	For HD Networking and Blade Applications — 42U, 30"W (750mm) x 47.5"D (1200mm)
AR3355	For HD Networking and Blade Applications — 45U, 30"W (750mm) x 47.5"D (1200mm)
AR3357	For Networking and Blade Applications — 48U, 30"W (750mm) x 47.5"D (1200mm)
AR3140	For High-Density Networking — 42U, 30"W (750mm) x 42"D (1070mm)
AR3340	For Very-High Density Networking — 42U, 30"W (750mm) x 47.5"D (1200mm)
AR3347	For Very-High Density Networking — 48U, 30"W (750mm) x 47.5"D (1200mm)
AR3200	For 2 x 20U Compartments for Co-Location — 42U, 24"W (600mm) x 42"D (1070mm)
AR3104	For Remote Server Applications — 24U, 24"W (600mm) x 42"D (1070mm)

Open Frame Racks

MFR. PART NO.	DESCRIPTION
AR201	NetShelter 2-Post Rack, 45U, with 12-24 Threaded Holes, Black
AR203A	NetShelter 4-Post Rack, 44U, with Square Holes, Black
AR204A	NetShelter 4-Post Rack, 44U, with 12-24 Threaded Holes, Black

For cable management and mounting hardware options, contact your local CSC Representative.

15WM Wall Mount

Features

- 19" EIA 310-E compliant
- 1 pair of #10-32 rails
- Main body separate from back panel
- Unique security bit required to remove main body from back panel
- "Spare" 1 RMU tab on back panel allows power strip mounting

Benefits

- Economical for large- or small-scale applications (multiple stores, classrooms, etc)
- Offers two degrees of security — locking door and unique security bit
- Easy one-person installation



MFR. PART NO.	DESCRIPTION
GL15WM	15.38"H x 22.25"W x 17.66"D, 7 RMU, 100-lb. Weight Capacity, Plexiglas Door
GL15WMS	15.38"H x 22.25"W x 17.66"D, 7 RMU, 100-lb. Weight Capacity, Solid Door
7219	6-Position Power Strip, 15A, for 19" Mounting
7217-04	Fan Assembly (75 CFM fan with fan guards)
CBB-19	Copper Bus Bar for 19" Mounting

WE Server Side Wall Mount

Features

- 19" EIA 310-E compliant
- 2 pairs of M6 rails, fully adjustable
- 1, 2 and 3" conduit knockouts on top and bottom
- 1, 2 and 3" conduit knockouts on rear of wall mount
- Removable front panel

Benefits

- Mounts across 3 studs to provide extra strength for servers and other heavy equipment
- 2 pairs of rails to ensure servers are secure
- Side mounting reduces open space normally required for mounting



MFR. PART NO.	DESCRIPTION
GL24WE	24"H x 36.1"W x 20.5"D, 10 RMU, 350-lb. Weight Capacity, Mesh Side Doors and Solid Front Panel
7219	6-Position Power Strip, 15A, for 19" Mounting
7217WS	Fan Assembly with Fan Guards and (2) 75 CFM Fans

DVR Lock Box

- House DVRs, small rack-mounted or electrical equipment
- Can be discreetly placed under a counter or in a closet
- Can mount vertically or horizontally to the wall
- Fan unit available for required cooling



MFR. PART NO.	DESCRIPTION
BS2-UCB3	6.30"H x 21.00"W x 21.00"D, 3 RMU
BS2-UCB5	9.80"H x 21.00"W x 21.00"D, 5 RMU

MFR. PART NO.	DESCRIPTION
BS2-UCBBKT	Under Counter Bracket
7217-04	Single Fan Assembly with a 75 CFM Fan and Cord

Custom Sentry™ Console Systems

SENTRY™ Console Systems are available in a number of colors and configurations. Your system is custom designed (at no additional charge) by the Great Lakes design team for your command/control center environment. Flat screen mounting solutions are height- and depth-adjustable to accommodate equipment and users. Great Lakes offers a number of powder coat finishes for Sentry™ frames and enclosures, as well as laminate colors and textures. Contact your local CSC Representative for custom designs and ordering information.



Tilt Panel Mount

- Mounting rails tilt down for 90° open access
- 8 RMU wall mount designed for patch panels and network equipment
- Optional top panel and cover available



MFR. PART NO.	DESCRIPTION
BS2-TPM-818	Tilt Panel Mount

WM Series Wall Mount

Features

- 2 pairs of #12-24, 19" EIA 310-E compliant rails; fully adjustable
- 1, 2 and 3" horseshoe and conduit knockouts on top and bottom of mount
- Center swing-out section
- Reversible for left- or right-hand swing
- Variety of power, cooling and accessories available

Benefits

- 2 pairs of rails for additional support and mounting of equipment
- Knockouts allow pre-terminated cables and patch panels to be installed
- Access to front and rear of equipment/cables



MFR. PART NO.	DESCRIPTION
GL2418WM	24"H x 21.25"W x 18"D, 12 RMU, 150-lb. Weight Capacity, Plexiglas Door
GL2418WMS	24"H x 21.25"W x 18"D, 12 RMU, 150-lb. Weight Capacity, Solid Door
GL24WM	24"H x 21.25"W x 24.50"D, 12 RMU, 150-lb. Weight Capacity, Plexiglas Door
GL24WMS	24"H x 21.25"W x 24.50"D, 12 RMU, 150-lb. Weight Capacity, Solid Door
GL36WM	36"H x 21.25"W x 24.50"D, 19 RMU, 250-lb. Weight Capacity, Plexiglas Door
GL36WMS	36"H x 21.25"W x 24.50"D, 19 RMU, 250-lb. Weight Capacity, Solid Door
GL48WM	48"H x 21.25"W x 24.50"D, 25 RMU, 300-lb. Weight Capacity, Plexiglas Door
GL48WMS	48"H x 21.25"W x 24.50"D, 25 RMU, 300-lb. Weight Capacity, Solid Door
DK2	Dust Resistant Kit — Includes 4 Cover Plates, 4 Fan Filters and Hardware
7217WS	Fan Assembly with Fan Guards and (2) 75 CFM Fans
CBB-19	19" Copper Bus Bar (isolated)
GR102	Grounding Kit

Two-Post Racks with Vertical Cable Management

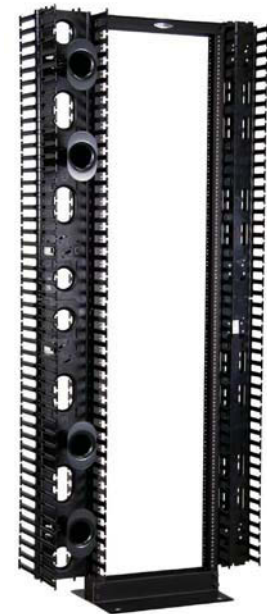
Two-Post Racks are now configured with vertical cable managers. Order a complete solution for patch panels and telecommunications equipment with a single part number. 5" or 8" managers are available in a front or front-and-rear configuration. Cable spools, wire retainers and additional cable organizers are available for use with the managers.

Features

- 19" EIA 310-E Compliant 2-post rack with black anodized finish
- Configured with 5" or 8" vertical cable organizers
- 1,500-lb. weight capacity
- 45 RMU

Benefits

- Racks are easily assembled with ½" bolts; no nuts required for assembly
- Capable of supporting large amounts of equipment and cables
- A single part number enables easy ordering



MFR. PART NO.	DESCRIPTION
GLRR-1984BA-5FO	2-Post Rack with 5" Vertical Front Only Cable Management, Includes Snap-on Cover
GLRR-1984BA-5FR	2-Post Rack with 5" Vertical Front and Rear Cable Management, Includes Snap-on Cover
GLRR-1984BA-8FO	2-Post Rack with 8" Vertical Front Only Cable Management, Includes 1 Spool, 6 Wire Retainers and Black Hinge Cover
GLRR-1984BA-8FR	2-Post Rack with 8" Vertical Front Cable Management, Includes 2 Spools, 12 Wire Retainers and Black Hinge Cover
CM-16	Plastic 19" Cable Organizer, 1 RMU, 1.5" x 3", Includes Cover
CM-17	Plastic 19" Cable Organizer, 2 RMU, 3" x 3", Includes Cover
GL-RMUTA	Package of 4 RMU Labels in Ascending Order (1 on bottom, 45 on top)
GL-RMUTD	Package of 4 RMU Labels in Descending Order (1 on top, 45 on bottom)

WiFi Cabinet, Fiberglass NEMA 4X

- Indoor/outdoor enclosure to secure wireless equipment
- Fiberglass construction allows WiFi and WLAN signal to pass through
- Includes ¾" plywood panel for equipment mounting
- Meets NEMA 4X specifications for protection in corrosive environments



MFR. PART NO.	DESCRIPTION
D664CHSCFGP	6"H x 6"W x 4"D, Solid Door, NEMA 4X, Light-Grey Fiberglass
D664CHSCFGWP	6"H x 6"W x 4"D, Window Door, NEMA 4X, Light-Grey Fiberglass
D16148CHSCFGP	16"H x 14"W x 8"D, Solid Door, NEMA 4X, Light-Grey Fiberglass
D16148CHSCFGWP	16"H x 14"W x 8"D, Window Door, NEMA 4X, Light-Grey Fiberglass
D181610CHSCFGP	18"H x 16"W x 10"D, Solid Door, NEMA 4X, Light-Grey Fiberglass



See Section 8 for a Variety of Wireless Products & Enclosures

Net Series Cabinet

The Net Series Cabinet — with its multiple sizes, designed-in cabinet adaptability and selected accessories — is an economical and versatile solution for housing network equipment.

- Includes 2 sets of adjustable L-shaped rack angles for convenient equipment mounting
- Server cabinet includes square hole rack angles, and perforated front and split rear doors
- Fan-ready top with integral finger guard
- Network cabinet includes 10-32 tapped rack angles, perforated or window front door, and louvered rear door
- Welded steel frame multi-formed of 16- and 14-gauge steel



MFR. PART NO.	DESCRIPTION
NC2178	Cabinet, 19", 43 RU, Steel/Black, 84"H x 27.5"W x 34"D
NS2169	Cabinet, 19", 43 RU, Steel/Black, 84"H x 23.6"W x 38"D
NS21610	Cabinet, 19", 43 RU, Steel/Black, 84"H x 23.6"W x 41.8"D
NCW2168	Cabinet, 43 RU, Window Front, Louvered Rear, Rack Angles Tapped 10-32, Black Finish, 84"H x 23.6"W x 34"D
NCW2178	Cabinet, 19", 43 RU, Steel/Black, 84"H x 27.5"W x 34"D
NC1268	Cabinet, 19", 23 RU, Steel/Black, 49"H x 23.6"W x 34"D
A6AXFNPG	6" Fan, 240 CFM, 115V, 6' Cord with Plug
NCK	Caster for Net Series Cabinet

PROTEK® Wall-Mount Cabinets with Air Conditioner

PROTEK cabinets are an excellent choice for mounting 19" equipment and other electronics in harsh environments where protection from water, dirt, corrosive agents and other contaminants is required.

Features

- UL® Listed and CSA Certified
- Complete off-the-shelf package; ready-to-use
- Includes 800 BTU air conditioner
- Single- and double-hinged options
- Multiple configurations and sizes available, including stainless steel cabinets, fan packages, window and solid door, and multiple locking options

Benefits

- Tested and certified to perform in various applications
- Easy-to-order and convenient
- Temperature inside enclosure can be kept at a range for optimal equipment performance
- Double-hinged cabinets provide access to rear of equipment, reducing installation time
- PROTEK configuration is available for almost every wall mount need; contact your local CSC Representative for ordering information



MFR. PART NO.	DESCRIPTION
PTRS242424G4A	24"H x 24"W x 24"D, Single-Hinge, Solid Door, NEMA 4, 12 RU, Grey Finish, 800 BTU 115 VAC
PTRS362424G4A	36"H x 24"W x 24"D, Single-Hinge, Solid Door, NEMA 4 19 RU, Grey Finish 800 BTU 115 VAC
PTHS242428G4A	24"H x 24"W x 28"D, Double-Hinge, Solid Door, NEMA 4, 12 RU, Grey Finish, 800 BTU 115 VAC
PTHS362428G4A	36"H x 24"W x 24"D, Double-Hinge, Solid Door, NEMA 4 19 RU, Grey Finish 800 BTU 115 VAC



ACCESSPLUS® II Double-Hinged Wall Mount Cabinet

- Front door made of solid steel or hardened, tinted safety glass window for superior scratch resistance
- Tool-less hinges allow quick separation of back and center sections for easy, 1-person installation
- Quick-release latching makes opening and closing the center section easy
- Patent-pending hinge supports loads from 250 to 500 lbs., depending on cabinet size
- Vented sides provide cross-flow ventilation to improve heat dissipation



MFR. PART NO.	DESCRIPTION
EWMW242418	AccessPlus, Window Door, 24"H x 24"W x 18"D, 12 RU
EWMW362418	AccessPlus, Window Door, 36"H x 24"W x 18"D, 19 RU
EWMW482418	AccessPlus, Window Door, 48"H x 24"W x 18"D, 26 RU
EWMW242425	AccessPlus, Window Door, 24"H x 24"W x 25"D, 12 RU
EWMW362425	AccessPlus, Window Door, 36"H x 24"W x 25"D, 19 RU
EWMW482425	AccessPlus, Window Door, 48"H x 24"W x 25"D, 26 RU

MFR. PART NO.	DESCRIPTION
EWMW242430	AccessPlus, Window Door, 24"H x 24"W x 30"D, 12 RU
EWMW362430	AccessPlus, Window Door, 36"H x 24"W x 30"D, 19 RU
EWMS242418	AccessPlus, Solid Door, 24"H x 24"W x 18"D, 12 RU
EWMS362418	AccessPlus, Solid Door, 36"H x 24"W x 18"D, 19 RU
EWMS242425	AccessPlus, Solid Door, 24"H x 24"W x 25"D, 12 RU
EWMS362425	AccessPlus, Solid Door, 36"H x 24"W x 25"D, 19 RU

DVR and 19" Rack Equipment Cabinet

- Provides physical protection and access control to DVR and 19" equipment
- Cabinet mounts vertically or horizontally
- Top cover removes without tools, providing easy access
- Fan-ready vented sides dissipate heat from equipment



MFR. PART NO.	DESCRIPTION
DVR4U	9.5"H x 21.7"W x 18.4"D, Solid Door with 180° Hinge, 4 RU, Black Finish
DVR6U	13"H x 21.7"W x 18.4"D, Solid Door with 180° Hinge, 6 RU, Black Finish
A4AXFNGQ	4" Fan, 115V, Includes Power Cord, 49 CFM, 28dB

Open Frame Racks

DataCom Open Frame Racks are key elements in structured cabling systems and are well-suited to networking and data transmission applications. Customize your installation — see the selection of shelves and cable management hardware below.



MFR. PART NO.	DESCRIPTION
EDR19FM45U	2-Post Open Frame Rack, 19" x 45U, 84"H x 20.25"W x 15"D, Aluminum/Black
E4DR19FM45U	4-Post Open Rack, 19" x 45U, 84"H, Aluminum/Black
E4DRS19FM45U	4-Post Rack, Square Hole, 19" x 45U, 84"H, Aluminum/Black
EDR19FM45UCM1	2-Post Open Rack Pkg. with 1 Vertical Cable Manager, 19" x 45U, Aluminum/Black
EDR19FM45UCM2	2-Post Open Rack Pkg. with 2 Vertical Cable Managers, 19" x 45U, Aluminum/Black

Open Frame Rack Accessories

MFR. PART NO.	DESCRIPTION
ESH19V	Single-Sided Shelf, Vented, Fits 19" Rack, Steel/Black
ESH19D	Double-Sided Shelf, Fits 19" LAN Rack, Steel/Black
EJ2DR	Joining Kit, Side-to-Side LAN Rack, Fits LAN Racks, Steel/Zinc
ES1224B	Screw Package (20), 12-24, Steel/Black
ESH19KBM	Keyboard Monitor Shelf, Fits 19" Rack, Steel/Black
P19SHP68B	Sliding Equipment Shelf, 19", 2U, Fits 24-32", Steel/Black

19" Swing-Out Rack

Facilitates component installation and future expansion without disturbing existing equipment or cabling. Removable rack door pivots from right or left side to provide easy access to back of equipment and cabling. Integral Velcro® cable tiedown slots facilitate cable routing.



MFR. PART NO.	DESCRIPTION
E19SWM12U20	19" Swing-Out Rack, 23"H x 12 RU x 20.75"W x 20"D, 100-lb. Load Rating
E19SWM20U20	19" Swing-Out Rack, 37"H x 20 RU x 20.75"W x 20"D, 150-lb. Load Rating
E19SWM25U20	19" Swing-Out Rack, 45.75"H x 25 RU x 20.75"W x 20"D, 175-lb. Load Rating
E19SWM32U20	19" Swing-Out Rack, 58"H x 32 RU x 20.75"W x 20"D, 200-lb. Load Rating

DLBX Series DVR Lockbox

Specify a DLBX when securing digital recording equipment.

Features

- Optimized to handle the active or passive thermal management needs of digital video recorders and other digital equipment
- Mounts vertically or horizontally to the wall; also can be used as a monitoring shelf
- Configurable thermal management system includes fan and can be set up to accommodate the needs of any DVR
- Optional proportional speed thermostatic fan control ensures fan only runs when needed, reducing maintenance requirements and noise
- Includes solid, removable, mechanically interlocking top cover

Benefits

- Extensive cable management includes tie points, EKOs and cable pass-throughs
- Mechanically interlocking top provides added security and can be easily removed for equipment servicing
- Standard keylocked, vented, hinging front door allows easy equipment access
- 100-lb. weight capacity



MFR. PART NO.	DESCRIPTION
DLBX	DVR Lockbox with 2 Installed Exhaust Fans
DLBX-WM	Pair of Wall Mount Brackets for DLBX
DLBX-RR5	5 RU, 10-32 Threaded Rackrail Kit for DLBX, Pair
FC-2-215-1C	Proportional Speed Thermostatic Fan Controller, (2) 15A Outlets



NOTE: Additional sizes available; contact your local CSC Representative for ordering information.

CWR Series CableSafe™ Wall Cabinet

Optimized for cable management, the CWR Wall Mount Cabinet provides extra width for accommodating larger amounts of equipment and cable bundles.

Features

- 26" wide cabinet comes standard with wide-face rackrail on left and right
- Locking swing-open center section allows easy front and rear access to equipment and cabling
- Includes an easily reversible left- or right-hand swing-locking/latching front door for added security
- Includes 50 mounting screws
- Welded construction provides 200-lb. weight capacity

Benefits

- Engineered to facilitate passive thermal management — optional fan kit available when additional heat dissipation is required
- Ships with front rackrail at 4" setback position to accommodate cable managers; also accommodates rear rackrail for rear support and cable management
- Large opening in backpan for mounting over pull boxes, electrical outlets, etc.; large knockouts for conduit and cable entry
- UL® Listed in the U.S. and Canada
- GREENGUARD indoor air quality certified for children and schools (the strictest level)



CWR-FKIT

MFR. PART NO.	DESCRIPTION
CWR-12-17PD	12 RU (21"), 2' Wall Cabinet with Plexi Door, 17" Deep
CWR-12-22PD	12 RU (21"), 2' Wall Cabinet with Plexi Door, 22" Deep
CWR-18-17PD	18 RU (31.5"), 3' Wall Cabinet with Plexi Door, 17" Deep
CWR-18-22PD	18 RU (31.5"), 3' Wall Cabinet, with Plexi Door, 22" Deep
CWR-FKIT	CWR Fan Kit with 2 Fans, Vent Blockers, Guards

NOTE: Additional sizes and doors available; contact your local CSC Representative for ordering information.

Vertical Panel Mount

Cost-effective, versatile solution to wall mount racking.

- Can accommodate all depths of equipment
- Mounts horizontally or vertically, allowing versatile component placement
- Heavy-duty threaded rackrail
- Available in 2-, 3- or 4-rack space models
- 200-lb. weight capacity



MFR. PART NO.	DESCRIPTION
VPM-2	2 RU, Vertical Panel Mount, Black Finish
VPM-3	3 RU, Vertical Panel Mount, Black Finish
VPM-4	4 RU, Vertical Panel Mount, Black Finish

Adjustable Telescoping Rackshelf

Heavy-duty telescoping shelf mounts to front and rear rail for superior weight capacity.

- Telescopes to provide a range of useable depths from 27" to 44" or 16" to 26"
- Constructed of hemmed 16-gauge steel and finished in a durable black powder coat
- Fully vented for superior cooling
- Features many tie points for enhanced cable management
- 500-lb. weight capacity



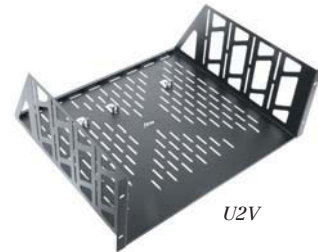
MFR. PART NO.	DESCRIPTION
VSA-2744	1 RU Rack Mount Adjustable Depth Shelf, 27-44" Deep
VSA-1626	1 RU Rack Mount Adjustable Depth Shelf, 16-26" Deep

NOTE: Additional options available; contact your local CSC Representative for ordering information.

Vented Rack Shelves

Vented shelves provide support while allowing cooling airflow.

- Vented shelves are constructed of strong 16-gauge steel with black powder coat finish
- Universal rack mount models are fully welded
- UV Series includes 3 rear brackets to prevent components from sliding backwards
- Mid-mount model (U2MS) is ideal for use in relay racks; 50-lb. weight capacity



U2V



U2MS



MFR. PART NO.	DESCRIPTION
U2V	2 RU Vented Rack Shelf, 14 ⁵ / ₁₆ " Deep, 50-lb. Capacity
U3V	3 RU Vented Rack Shelf, 14 ⁵ / ₁₆ " Deep, 70-lb. Capacity
U4V	4 RU Vented Rack Shelf, 15 ¹ / ₂ " Deep, 85-lb. Capacity
U2MS	2 RU Vented Center Mount Shelf, 18" Deep, 50-lb. Capacity

NOTE: Additional options available; contact your local CSC Representative for ordering information.

Standard Rack Screws

Specifically designed for rack mounting.

- HP screws — standard 3/4" long rack screws with 10-32 threads; self-guiding pilot points
- HP-24 screws — standard 3/4" long rack screws for 12-24 threaded rackrails
- Both styles include factory-installed nylon washers
- Both styles are heat-treated to prevent head stripping



MFR. PART NO.	DESCRIPTION
HP	10-32 Threaded Rack Screws with Washer, Black, 100 per Pack
HP-24	12-24 Threaded Rack Screws with Washer, Black, 100 per Pack

NOTE: Additional options available; contact your local CSC Representative for ordering information.

Flanged Blank/Filler Panels

Flanged blank/filler panels are economical and strong.

- Flanged steel construction for strength
- Rugged black powder coat finish



MFR. PART NO.	DESCRIPTION
EB1	1 RU Rack Mount Blank/Filler Panel, Black Powder Coat
EB2	2 RU Rack Mount Blank/Filler Panel, Black Powder Coat
EB3	3 RU Rack Mount Blank/Filler Panel, Black Powder Coat
EB4	4 RU Rack Mount Blank/Filler Panel, Black Powder Coat
EB5	5 RU Rack Mount Blank/Filler Panel, Black Powder Coat

NOTE: Additional blank/filler panels available; contact your local CSC Representative for ordering information.

Rack Mount Sliding Shelf

Rugged metal sliding shelf latches in open position for stability.

- Capable of latching in an open or closed position
- Slides on ball bearings to an extended length of 14"
- Telescopic rear support mounts to any rack
- 50-lb. capacity and heavy-duty 16-gauge steel construction
- Occupies slightly more space than 1 RU



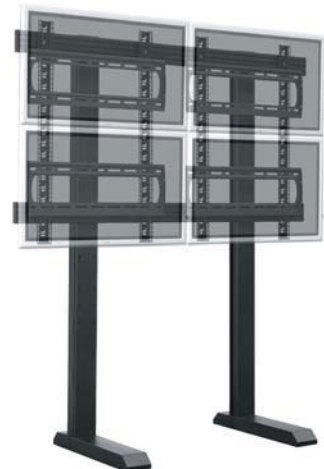
MFR. PART NO.	DESCRIPTION
SS	Rack Mount Sliding Shelf, 14 ³ / ₄ " Deep, 50-lb. Capacity

NOTE: Additional shelves available; contact your local CSC Representative for ordering information.

VisionFrame™ Video Monitor Wall

This video wall system is quickly built to order and installs faster and easier than other systems.

- Use the free Middle Atlantic Designer™ software to easily design a video wall
- Walls are quickly made to order; most ship within 3 weeks
- Strong, purpose-designed extrusions can make walls up to 13' high and unlimited length
- Includes built-in hidden cable management channels
- Unique design eliminates measurement and guesswork during setup



NOTE: Contact your local CSC Representative for ordering information.

MRK Series Configured Enclosures

The MRK Configured Enclosures ship assembled and ready for installation.

Features

- Fully welded construction
- UL® Listed in U.S. and Canada
- Static load capacity — 10,000 lbs.; UL Listed load capacity — 2,500 lbs.
- Seismic certified load capacity — 1,050 lbs.
- Grounding and bonding stud installed in base

Benefits

- Includes fully vented top
- Includes fully perforated, vented front door and split rear door
- Includes thin power strip, 20A, 20-outlet with cord
- Includes a pair of removable side panels
- Includes leveling feet, mounting hardware and cable management accessories



MFR. PART NO.	DESCRIPTION
MRK-4431-DVR	44 RU, 31" Deep Configured Cabinet, Threaded Rail
MRK-4436-NVR	44 RU, 36" Deep Configured Cabinet, Cage Nut Rail

NOTE: Additional cabinet options available; contact your local CSC Representative for ordering information.

ViewPoint™ Monitoring Console System

Serious furniture for mission-critical installations — strong, attractive system is certified for performance.

Features

- Modular design allows economical additions and limitless configuration choices
- Fully welded bays provide a heavy-duty structure that can be assembled quickly
- Available with an 18" deep work surface or 34" desktop
- Most configurations ship within 3 weeks
- GREENGUARD IAQ and seismic certified for all critical installations

Benefits

- Large variety of standard finishes available
- Consoles are ergonomically designed and optimized for flexible flat screen arrangements
- Custom finishes and work surfaces available upon request
- LCD monitors can be mounted using optional monitor arms



MFR. PART NO.	DESCRIPTION
NV-RMEC16	ViewPoint™ Monitoring Console System

NOTE: Contact your local CSC Representative for ordering information.

EoC Rack Mount Tray Kit

Ethernet over Coax IP transmission.

- Ideal for rack mounting up to (4) NV-EC1701 EoC transceivers (see page 1-41) and related power supplies
- Connect up to (16) IP or megapixel cameras
- Standard 19" wide, 1.7" high, 7" deep
- Includes mounting hardware and 1-to-4 power cord splitter
- EoC transceivers, power supplies and BNC adapters sold separately



MFR. PART NO.	DESCRIPTION
NV-RMEC16	EoC Rack Mount Tray Kit

Rack Mount Kit



MFR. PART NO.	DESCRIPTION
NSR-RM1	Rack Mount Kit for NSR-1000 Series



Prestige Control Room Consoles

The Prestige Series includes Winsted's flagship Sight-Line™ console, compact Insight™ console, Ascend™ sit/stand console and Slat-Wall™ console.

Features

- Integrated Versa-Trak™ monitor mounting system supports a wide variety of monitor arrays and allows easy adjustment
- Openings for universal data mounting plates and/or duplex power outlets are conveniently located at the back of the work surface
- Sturdy double-panel doors support a CPU shelf or file/storage bin for convenient "swing-out" access
- Enhance reliability while protecting and managing your cables with a dual-channel raceway
- All consoles can be customized for your application with a broad range of accessories and finishes

Benefits

- All consoles are ergonomically designed to maximize operator comfort and productivity
- All Prestige consoles are modular, expandable and reconfigurable to evolve with your changing needs
- Versa-Trak mounting system allows users to easily modify and optimize sight lines and viewing angles
- Prestige consoles can ship partially assembled to reduce installation time and costs
- Stock, customized and custom solutions enable Winsted to provide the perfect console for any installation



W5701



W5831



W6408



W5737

MFR. PART NO.	DESCRIPTION
W5701	Sight-Line Corner Console with Credenza
W5831	Slat-Wall Corner Console with 5 Monitor Mounts

MFR. PART NO.	DESCRIPTION
W6408	Dual-Operator Compact Insight Console
W5737	Single-Operator Ascend Sit/Stand Console

NOTE: These are just a few sample configurations. Contact your local CSC Representative for additional configurations.

AXIS T90A Series Illuminators

A series of high-performance white and infrared LED illuminators designed for Axis network cameras. They provide unique flexibility to alter the angle of on-site illumination to suit specific security needs and match the network camera's field of view.

Features

- Adaptive illumination
- Suitable for both fixed and PTZ dome network cameras
- Energy saving
- IP66-rated
- PoE models available

Benefits

- Long life
- Low maintenance
- Ideal choice for security installations requiring high-performance and low-maintenance illumination



MFR. PART NO.	DESCRIPTION
5013-011	AXIS T90A01 IR-LED 50° PoE
5013-111	AXIS T90A11 IR-LED 50°
5013-161	AXIS T90A16 W-LED 50°
5013-201	AXIS T90A20 IR-LED 120–180°
5013-211	AXIS T90A21 IR-LED 50–100°
5013-261	AXIS T90A26 W-LED 50–100°

MFR. PART NO.	DESCRIPTION
5013-321	AXIS T90A32 IR-LED 30–60°
5013-331	AXIS T90A33 IR-LED 10–20°
5013-371	AXIS T90A37 W-LED 30–60°
5013-401	AXIS T90A40 IR-LED 120–180°
5013-421	AXIS T90A42 IR-LED 30–60°

Video Accessory Products

MFR. PART NO.	DESCRIPTION
5020-101	AXIS T8311 Video Surveillance Joystick
5020-201	AXIS T8312 Keypad

MFR. PART NO.	DESCRIPTION
5020-301	AXIS T8313 Jog Dial



USB Joystick Controller



SONY

MFR. PART NO.	DESCRIPTION
IPDESKTOPUSB	USB Joystick Controller for NSR-1000 Series and IMZ-NS Software

Hard Disk Drives



Hard disk drive

SONY

MFR. PART NO.	DESCRIPTION
NSBK-HS05/1T	1 TB Hard Disk Drive for the NSR-500
NSBK-HS05/2T	2 TB Hard Disk Drive for the NSR-500
NSRE-S200/4T	4 TB SAS Expansion Storage Unit
NVR-SHD1T	1 TB SATA Hard Disk Drive Unit
NSBK-250	Replacement HDD for/Additional HDD for NSR-250
NVR-CARRIER	Hard Disk Drive Carrier

Storage Rack Units



Storage rack unit

SONY

MFR. PART NO.	DESCRIPTION
NVR-1820U	Promise iSCSI 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply; Supports up to 8 Drives; RAID 6 Storage Capability, No HDD Included
NVR-1820UD	Promise iSCSI 8 TB 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply and 8 x 1 TB HDD; Preconfigured for RAID 5 with 1 Spare HDD
NVR-1830U	Promise iSCSI 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply; Supports up to 12 Drives; RAID 6 Storage Capability, No HDD Included
NVR-1830UD	Promise iSCSI 12 TB 2U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply and 12 x 1 TB HDD; Preconfigured for RAID 5 with 1 Spare HDD
NVR-1840U	Promise iSCSI 3U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply; Supports up to 16 Drives; RAID 6 Storage Capability, No HDD Included
NVR-1840UD	Promise iSCSI 16 TB 3U Storage Rack Unit for NSR-1000 Series; Pre-Installed with Redundant Power Supply and 16 x 1 TB HDD; Preconfigured for RAID5 with 1 Spare HDD

Industry Leading Manufacturers...

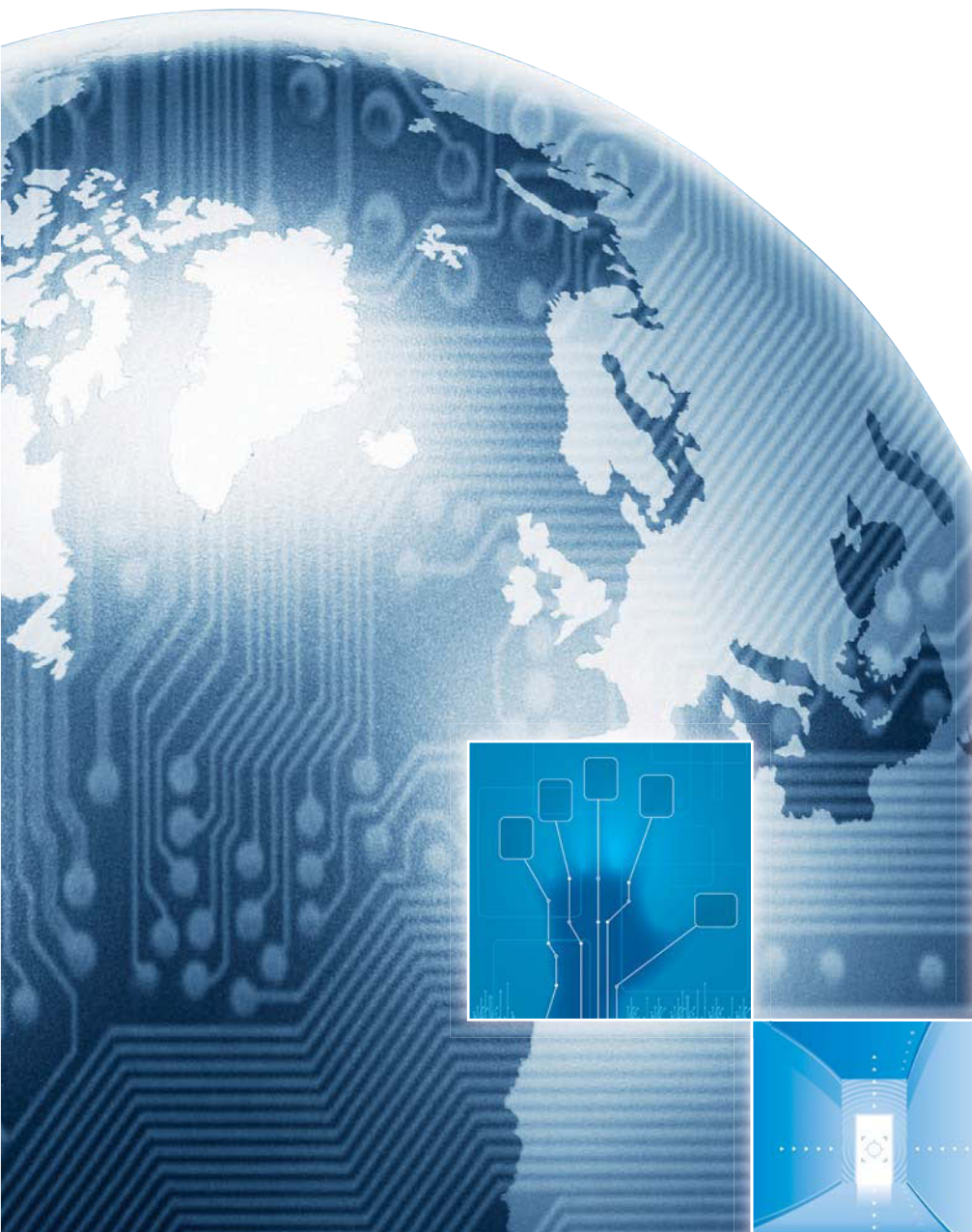


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Access Control

- Systems 4-2 – 4-4
- Readers, Credentials & Controllers 4-5 – 4-9
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- Power 4-17
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 - Switches, Buttons & Consoles

4



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HID Single-Door Access Control Systems

EDGE is the next evolution in access control hardware solutions. A true IP solution that meets the demands of open architecture IP-centric environments, EDGE provides fully distributed intelligence and decision-making right to the door, leveraging the IT infrastructure to its maximum extent.

EDGE power comes through a single CAT5 cable to the door where EDGE IP access solutions run everything — from reader to strike, status to REX. And since each EDGE IP access solution can utilize PoE driven through the CAT5 cable, separate power supplies and multi-door controllers are no longer required. EDGE configurations are exactly constructed for host environments as well as single-door applications with a wide range of unique benefits.



MFR. PART NO.	DESCRIPTION
EDGE Solo	
83000BKE	ES400, EDGE Plus Solo, Single-Door Standalone Access Control Unit without Reader
83120BK1000	ESR40, EDGE Solo, Single-Door Standalone Access Control Unit with Integrated R40 iCLASS Reader
83125BK1000	ESRP40, EDGE Solo, Single-Door Standalone Access Control Unit with Integrated RP40 Multi-iCLASS Reader

Schlage Bright Blue IP-Based Access Control System

- Easy-to-install — bright blue is network ready, no software to install
- Easy-to-learn — bright blue has a very user-friendly, web-based interface
- Easy-to-use — connect from any computer with an internet connection
- 32-door capacity right out of the box — no need for expensive upgrades



MFR. PART NO.	DESCRIPTION
SBB	Bright Blue Reader Controller, 32 Device Capacity
SBB-RI	Bright Blue Reader Interface Board, Connects to 1 Credential Reader
PS904	Base Power Supply (4A @ 12/24 VDC — field selectable)
SEVMS-SBB	4-Channel NVR, 500 GB — Will Support up to 4 IP Cameras
SPEBBLE	Single-Sided Badge Color Printer with Edge-to-Edge Printing



TruPortal™ Access Control 2-Door Base System

TruPortal offers an IP Appliance-Based Access Control System integrated with the TruVision™ line of video products. Designed for the over-the-counter market, this solution is also ideal for small- to medium-sized commercial buildings.

- Web-based application without additional software or licensing
- Seamlessly links video to access control system
- Video can be viewed and controlled via browser
- Adds monitor and control inputs and outputs



MFR. PART NO.	DESCRIPTION
TP-SYS-2D	TruPortal 2-Door Base Kit — Consists of a TruPortal System Controller Installed in a UL® Listed Enclosure with Integrated Power Supply/Standby Battery Charger
TP-SYS-2D2R	TruPortal 2-Door Base Kit with 2 Readers — Consists of a TP-SYS-2D Bundled with (2) T-100 Series Readers and 5 TruPortal Key Fobs
TP-ADD-2D	TruPortal 2-Door Add-on — Consists of a TruPortal 2-Door Interface Module Installed in UL Listed Enclosure with 4A Power Supply
TP-ADD-2D2R	TruPortal 2-Door Add-on with Readers — Consists of a TruPortal 2-Door Interface Module Installed in UL Listed Enclosure with 4A Power Supply; Includes 2 Readers
TP-ADD-IO	TruPortal I/O Expansion Add-on Kit — Consists of a TruPortal 16-Input, 8-Output I/O Expansion Module Installed in a UL Listed Enclosure with 4A Power Supply
TP-RDR-100A	TruPortal Multi-Technology Access Reader — Standard Pigtail, 3 Covers
TP-RDR-200A	TruPortal Multi-Technology Access Reader — Standard Pigtail, 3 Covers
TP-PRX-CLAM-50PK	TruPortal Credential — HID Proxcard II Clamshell Design Cards, 50 Pack
TP-PRX-KF-50PK	TruPortal Credential — HID Prox Key Fobs, 50 Pack
TP-PRX-ISO-50PK	TruPortal Credential — HID Prox ISO Cards, 50 Pack
TP-MFC-ISO-50PK	TruPortal Credential — MIFARE Classic ISO Cards, No Magstripe Gloss/Gloss, 50 Pack
TP-MFC-KF-OG-25PK	TruPortal Credential — MIFARE Classic Key Fobs Piano TruPortal Orange, 25 Pack
TP-MFC-LG-25PK	TruPortal Credential — MIFARE Classic Key Fobs Epoxy Slender, TruPortal Logo, 25 Pack



Keyscan Access Control Panels and Software

Propelled by innovation, Keyscan's access control panels are designed, engineered and manufactured to exact standards. Fully-optimized to operate with Keyscan access control software, together they offer an enhanced user experience.

Features

- Keyscan's family of access control panels are compatible and scalable to support any application size
- Keyscan's access control panels are engineered with a host of new features
- Panels are driven by System VII, a versatile and powerful access control management software
- System VII power and ease-of-use allows an unlimited number of secured doors with many more features such as: scheduled backups, report generation, system lockdown, 256 time zones, 512 schedules, 511 groups and 32,000 cardholders

Benefits

- Create a system with an unlimited number of doors to add enhanced security to any facility
- Keyscan's one-platform hardware/software strategy comfortably supports any installation with unprecedented ease
- System VII offers acute features and functionality with ease-of-use
- Additional software modules provide integration opportunities for any organization



access control

4

MFR. PART NO.	DESCRIPTION
CA150	Keyscan PoE-Equipped Single-Door Access Control Unit
CA250	Keyscan 2-Reader Access Control Unit
CA4500	Keyscan 4-Reader Access Control Unit
CA8500	Keyscan 8-Reader Access Control Unit
2KITB125	Keyscan CA250 Kit Includes CA250, 2-K-PROX2 Readers, 1-CS125-36 Cards (pack of 50), 1-System VII (basic) Software and 1-USB-SER USB-to-Serial Converter
4KITB125	Keyscan CA4500 Kit Includes CA4500, 4-KPROX-2 Readers, 1-CS125-36 Cards (pack of 50), 1-System VII (basic) Software and 1-USB-SER USB-to-Serial Converter
8KITB125	Keyscan CA8500 Kit Includes CA8500, 6-KPROX-2 Readers, 1-CS125-36 Cards (pack of 50), 1-System VII (basic) Software and 1-USB-SER USB-to-Serial Converter
EC1500	Keyscan Single-Cab Elevator Floor Access Control Unit
EC2500	Keyscan 2-Cab Elevator Floor Access Control Unit
System VII	Keyscan Access Control Management Software with 2 User Licenses
System VII Suite	Keyscan System VII Software with Photobadging, CCTV, Security Command and Visitor Management Modules
K-BADGE	Keyscan System VII Photobadging Module
K-TV	Keyscan System VII CCTV Module
K-VIS	Keyscan System VII Visitor Management Module
K-WEB	Keyscan System VII Web Access Module
K-DSC	Keyscan System VII DSC Integration Module
K-CL	Keyscan System VII Additional Client Module
K-RN	Keyscan Reverse IP Connection License for Centrally-Managed Access Control

NOTE: Individual KIT components cannot be returned for credit.



FOR ACCESS CONTROL CABLE

See pages 7-4 & 7-10

NLSS Gateway Solutions

The award-winning NLSS Gateway is a unified solution that combines multiple systems including video management, access control, analytics, audio and intrusion into a single, easy-to-use networked platform. Its features are completely accessible and controllable from anywhere through a web-browser and it includes advanced deployment tools, such as auto-discovery and provisioning. Best of all, the NLSS Gateway is available at one all-inclusive price.

NLSS Gateway

- Completely unified with video management and video analytics
- Browser-based interface with optional remote management services
- Interfaces with multiple AC controllers, complete cardholder database
- Scales to 256 doors at no additional cost



MFR. PART NO.	DESCRIPTION
GW-3000	Unified Security Gateway, High-Definition +1 Year of RMS
RMS-3000	Annual Subscription to RMS Service for Gateway (GW-3000)
RMS-500-3	3-Year Subscription to RMS Service for Gateway (GW-3000)

NLSS Gateway Micro

- Completely unified with video management and video analytics
- Browser-based interface with optional remote management services
- Interfaces with multiple AC controllers, complete cardholder database
- Scales to 64 doors



MFR. PART NO.	DESCRIPTION
GW-500	Unified Security Gateway, High-Definition + 1 Year of RMS
RMS-500	Annual Subscription to RMS Service for Gateway (GW-500)
RMS-500-3	3-Year Subscription to RMS Service for Gateway (GW-500)



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Find us on these sites as well:   

4000 Series Interlocks and Mantrap Controllers

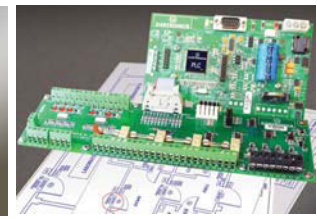
- 4300 Series 2-Door Interlock Controller
- 4700 Series PLC 2-4 Door Interlock Controller
- 4900 Series PLC Multi-Door/Multi-Room Interlock Controller
- On-board lock power with built-in fire alarm interface
- Utilizes fail-safe or fail-secure locks and strikes



4300 Series



4700 Series



4900 Series

Contact your local CSC Representative for ordering information.



HID Proximity 125 kHz Credentials and Readers

For security managers, dealers, integrators and OEMs, HID proximity cards and readers are recognized as an industry standard for physical access control. HID Prox products are robust and affordable, and seamlessly integrate with access control systems. Featuring FlexSecur® security coding, the high-quality Indala line of 125 kHz proximity readers combines intelligent programming technology with interchangeable components, including uniform modules and a range of stylish cover designs.



MFR. PART NO.	DESCRIPTION
125 kHz Credentials	
1326LSSMV	Prox-Card II, Clamshell Prox Card, Front Printed HID LOGO, Back Embossed HID Logo, Ink Jet
1386LGGMN	Iso-Prox, Printable Prox Card, Glossy Front, Glossy Back, Ink Jet
1346LNSMN	Prox-Key III, Front Embossed HID LOGO, Back Ink Jet (new design)
1391LSSMN	Micro-Prox Adhesive Tag, Grey, Ink Jet
125 kHz Readers	
6005BGB00	Prox-Point, 3 x 2 Mullion Prox Reader, Grey
5365EGP00	Miniprox, 6 x 2 Mullion Prox Reader, Grey
5395CG100	Thin-Line 5 x 3 Wall-Switch Prox Reader, Grey
5355AGN00	Prox-Pro, 5 x 5 Wall-Switch Prox Reader, Grey
5355AGK00	Prox-Pro with Keypad, 5 x 5 Wall-Switch Prox Reader, Grey
5375AGN00	Maxi-Prox, 12 x 12 Long-Range Prox Reader, Grey



HID iCLASS 13.56 MHz Credentials and Readers

Optimized to make physical access control more powerful, iCLASS 13.56 MHz read/write contactless smart card technology provides versatile interoperability and supports multiple applications, such as biometric authentication, cashless vending and PC log on security.

iCLASS smart cards and readers make access control more powerful and versatile. They offer enhanced security through encryption and mutual authentication. iCLASS is also user-friendly, delivering the convenience, affordability and reliability that is expected from proximity technology.



MFR. PART NO.	DESCRIPTION
iCLASS Credentials	
2080PMSMV	Clamshell, iCLASS 2 Kbps Memory, 2 App. Areas, Front Matte Finish, Back Embossed HID Logo, Ink Jet
2000PGGMN	Printable, iCLASS Card, 2 Kbps Memory, 2 App. Areas, Ink Jet
2050PNNMN	iCLASS Keyfob II, 2 Kbps Memory, 2 App. Areas, Black, Ink Jet (new design)
2060PKSMN	iCLASS Tag, 2 Kbps Memory, 2 App. Areas, Black, Ink Jet
iCLASS Readers	
6100CKN0000	R10, 4 x 2 Mullion iCLASS Reader, Black
6140CKN0000	R15, 6 x 2 Mullion iCLASS Reader, Black
6120CKN0000	R40, 5 x 3 Wall-Switch iCLASS Reader, Black
6130CKN000000	RK40, 5 x 3 Wall-Switch iCLASS Reader with Keypad, Black
6150AKT0000	R90, 12 x 12 Long-Range iCLASS Reader, Black



HID Dual Technology Credential and Reader

The HID MultiCLASS line of readers has the ability to use existing cards, deploy multi-technology cards and transition to new contactless smart card technology without having to change the access control system card holder database. All Prox data formats, including HID's Corporate 1000, can be replicated on iCLASS cards and combination cards.

For customers who deploy multi-technology cards with both Prox and iCLASS technologies, the RP40 can be set to "prefer" which technology will be read first. Once the upgrade is completed, the RP40 can then be configured to ignore Prox cards, thereby matching the security level of the other iCLASS readers.

MFR. PART NO.	DESCRIPTION
MultiClass Readers (Prox and iCLASS)	
6125CKN0000	RP40, 5 x 3 Wall-Switch Multi-iCLASS Reader, Black
Dual Technology Credentials (Prox and iClass)	
2020BGGMNM	Printable iCLASS and 125 kHz Prox Card, 2 Kbps Memory, 2 App. Areas, Ink Jet



HID Asure ID® Badging Software

- Card personalization software for standalone systems
- Provides external database connectivity with real-time data
- Configurable data entry center, batch and sheet printing capabilities



MFR. PART NO.	DESCRIPTION
86412	HID Asure ID Badging Software

HID Contactless Access Control Key Fobs

- Place on a key ring for convenient entry
- Universal compatibility with all HID readers
- Provide external number for easy ID and control
- Lifetime warranty



MFR. PART NO.	DESCRIPTION
1346	HID Contactless Access Control Key Fobs

HID Edge Solo™ IP-Based Access Control Reader

- Single-door, IP-based controller with integrated RP40 reader
- Provides remote management over the network via standard web browser
- 12 VDC external power or built-in 802.3af Power over Ethernet (PoE)
- Standardized reports including CSV export



MFR. PART NO.	DESCRIPTION
83120	HID Edge Solo IP-Based Access Control Reader

HID iCLASS Credentials

- 13.56 MHz read/write contactless smart card technology
- Store biometric templates and useful data using read/write capability
- Support all existing HID card formats including Corporate 1000
- Lifetime warranty



MFR. PART NO.	DESCRIPTION
2002	HID iCLASS Credentials

HID Promixity Credentials

- 125 kHz contactless technology
- Combine proximity technology and optional mag stripe encoding
- Same size and thickness as a standard credit card
- Lifetime warranty



MFR. PART NO.	DESCRIPTION
1336	HID Promixity Credentials

HID Fargo® Branded HDP 5000 Badge Printer

- Produces cards in high-definition for FIPS 201 and other government projects
- Versatile modular design changes with application requirements
- On the U.S. General Services Administration (GSA) approved list
- Optional encoding, laminating, and dual-sided printing capabilities



MFR. PART NO.	DESCRIPTION
89000	HID Fargo Branded HDP 5000 Badge Printer

HID Promixity Card Readers

- 125 kHz frequency in multiple form factors
- Available weatherproof design for indoor or outdoor use
- Read range of 1–5.5" based on model



MFR. PART NO.	DESCRIPTION
1326	HID Promixity Card Readers

HID iCLASS 13.56 MHz Readers

- 13.56 MHz wall-switch smart card readers
- Upgrading from proximity technology can be completely transparent
- Data transmissions between the card and reader are highly encrypted
- Lifetime warranty



MFR. PART NO.	DESCRIPTION
6120	HID iCLASS 13.56 MHz Readers

HID Fargo® DTC1000 Card Printer Bundle

- Includes everything to print ID badges
- Asure ID® Solo™ card design and production software
- USB digital web camera
- Full-color ribbon cartridge
- 100 UltraCard™ PVC cards
- 2-year printer warranty
- 1-year free Asure ID software technical support



MFR. PART NO.	DESCRIPTION
DTC1000	HID Fargo DTC1000 Card Printer Bundle

HID MultiCLASS 125 kHz Prox and 13.56 MHz Readers

- Multi-technology Prox and iCLASS reader with optional keyboard
- Combine contactless card presentation with a PIN
- Enhanced security through mutual authentication and data encryption
- Read: 125 kHz HID proximity and AWID, 13.56 MHz iCLASS DESFire



MFR. PART NO.	DESCRIPTION
6136	HID MultiCLASS 125 kHz Prox and 13.56 MHz Readers

Schlage Prox, Smart and Mag Stripe Credentials

- Various proximity credentials compatible with most proximity readers
- Dual-Technology proximity and contactless smart cards
- aptiQ smart cards using MIFARE DESFire EV1 Technology
- Contactless smart cards using MIFARE technology



MFR. PART NO.	DESCRIPTION
SXF7410	Clamshell Proximity Card
SXF7510	ISO Glossy White Proximity Cards
SXF8520	aptiQ Smart Card 2K byte/16k bit ISO Glossy White
SXF9420	MIFARE Smart Card 2.5k bit Clamshell
PF1-100	Proximity Key Fob (lot 100)

Schlage Electronic Security Hand Geometry Reader

- Durable and proven biometric reader, more than 150,000 installed worldwide
- Standalone operation or Wiegand output to an access control panel
- Memory expansion available for up to 259,072 users
- Multiple outdoor versions available for most every environment



MFR. PART NO.	DESCRIPTION
HK-2-F3	HandKey 2 with Memory for 512 Users
EM-801-F3	Memory Expansion Module for Up to 9,728 Users
EN-200	Ethernet Communications Module for Template Management and Distribution
HN-2-T1	HandNet for Windows Access Control Software to be Used in Standalone Access Control Applications
ID3D-RW	HandKey Blizzard, Weather-Resistant and Operates in Temperatures Down to -35°
PS-110	Power Supply — 120 VAC to 13.5 VDC with Connector

Schlage Prox, Multi-Tech and Smart Card Readers

- Schlage proximity readers read standard 125 kHz proximity technologies
- Compatible with HID prox, AWID and other formats
- Multi-tech readers read both 125 kHz prox and 13.56 MHz smart cards
- Multiple styles of FIPS 201 Compliant PIV II card readers available



MFR. PART NO.	DESCRIPTION
SXF1050	Mini-Mullion Proximity Reader that Reads Multiple 125 kHz Formats
SXF1550	Wall Mount Proximity Reader that Reads Multiple 125 kHz Formats
SXF1100	Multi-Technology Reader — Mullion Mount
SXF2100-PIV	Multi-Technology Reader — Mid-Range (FIPS 201 Compliant PIV II card reader)
SERIII-W	Scramble Keypad Available with Either Surface or Wall Mount Kit

The Secure (it)™ solutions guide

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- Pathways & Enclosures
- Workstation Access
- Secure Network Specialty Solutions
- Physical Security
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Keyscan Readers, Cards and Peripherals

Keyscan is dedicated to designing, engineering and manufacturing premium access control. With powerful features and capabilities, Keyscan offers solutions with the scalability to handle your company's growth.

Features

- Keyscan proximity readers are HID125kHz compatible over a wide range of bit structures
- CS-125-36 and F125-36 are for use with Keyscan proximity readers (K-PROX2, K-KPR, K-VAN or HID compatible readers)
- Keyscan iCLASS offers the convenience of proximity in a smart package
- DVR3-2TB provides 16 analog channels with the flexibility to support up to 8 IP cameras to a maximum of 20 channels when in hybrid mode
- RF transmitters and receivers are ideal for parking gate and parking garage applications

Benefits

- Keyscan's 36-bit Wiegand output from reader to panel adds an additional level of security
- Keyscan credential for every access control application
- HID iCLASS readers' Wiegand output easily interfaces with existing Keyscan access control panels
- DVR3-2TB is designed to support the most demanding requirements
- Installing RF transmitters and receivers to a Keyscan system is fast and easy



MFR. PART NO.	DESCRIPTION
K-PROX2	Keyscan 125 kHz Proximity Reader
K-KPR	Keyscan 125 kHz Proximity Reader and Keypad
K-VAN	Keyscan Vandal-Resistant Proximity Reader
CS125-36	Keyscan 125 kHz Compatible Clamshell Proximity Card, 36-bit, Pkg. of 50
F125-36	Keyscan 125 kHz Compatible Proximity Key Tag, 36-bit, Pkg. of 50
HID-C1325	HID Standard Proximity Card, Keyscan 36-bit Format, Pkg. of 50
HID-C1386	HID ISO Prox II Graphics Quality Card, Keyscan 36-bit Format, Pkg. of 50
PROXKEYIII	HID Proximity Key Tag, Keyscan 36-bit Format, Pkg. of 50
KEYR10	HID iCLASS R10 Smart Card Reader, Keyscan 36-bit Format
KEYR40	HID iCLASS R40 Smart Card Reader, Keyscan 36-bit Format
KEY2K2	HID iCLASS 2000 2K/2 Application Smart Card, Keyscan 36-bit Format, Pkg. of 50
KEY16K16	HID iCLASS 2000 16K/16 Application Smart Card, Keyscan 36-bit Format, Pkg. of 50
iCLASSKEYII	HID iCLASS 2000 16K/16 Application Smart FOB, Keyscan 36-bit Format, Pkg. of 50
DVR3-2TB	Keyscan Digital Video Recorder, 16-Channel, 2 TB Drive
CB-485	Keyscan RS-485 Communication Board
NETCOM2	Keyscan RS-232 to TCP/IP Converter
NETCOM2P	Keyscan Network Communication Board, for Use with CB-485
NETCOM2WH	Keyscan Wireless Communication Device (encrypted versions also available: NETCOM6, NETCOM6P and NETCOM6WH; contact your local CSC Representative for ordering information)
K-RX	Keyscan Wireless RF Receiver
K-TX2	Keyscan 4-Button RF Transmitter with HID Chip
K-INTX2	Keyscan 4-Button RF Transmitter with Indala Chip
IOCB1616	Keyscan Input/Output Control Board
WIEEX2	Keyscan Wiegand Extender Board
USB-CAM	USB Camera for Photo ID
BIZSCAN2	Driver License Scanner for Visitor Management
VB-P408	Evolis Pebble Card Printer
VB-P408DBL	Evolis Dualys Double-Sided Card Printer

Edge Reader ERP40

- IP-based single-door PoE controller with integrated Multi-Class reader
- Controls and powers all access devices at the door
- 44,000 cardholders and 5,000 event buffers



MFR. PART NO.	DESCRIPTION
AC-ERP40-82125	Edge Reader ERP40

NLSS Access Controller with PoE

- PoE controller for single door
- Scalable to 17 doors with 32 access levels and 8 card formats
- 2 input/2 output points
- 50,000 event buffer and 240,000 cardholder capacity



MFR. PART NO.	DESCRIPTION
AC-EP1501	NLSS Access Controller with PoE

NLSS Access Controller

- RS-485 or PoE controller for single door
- Scalable to 64 doors with 32 access levels and 8 active card formats
- 8 input/4 output points
- 240,000 cardholder capacity and 50,000 event buffer



MFR. PART NO.	DESCRIPTION
AC-EP1502	NLSS Access Controller

EdgePlus Model E400

- IP-based single-door PoE Controller
- Accepts any HID family of Wiegand Multi-Class readers
- Controls and powers all above-door access devices on the secure side
- 44,000 cardholders and 5,000 event buffer



MFR. PART NO.	DESCRIPTION
AC-E400-8200	EdgePlus Model E400

access control

4

C-2000B Advanced Door/Gate Entry Phone Controller

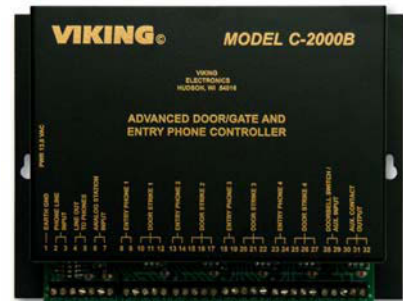
Add entry phones and doorstrike control to an existing line or securely operate multiple doorstrikes.

Features

- Allows 1–4 entry phones to share a single telephone line with a residential or business telephone system
- Provides phone-activated entry chimes and whole house paging when used with a Viking SLP-1 or SLP-4
- Up to 6 different keyless entry codes and 6 different master keyless entry codes for use at any entrance
- Provides Caller ID and Call Waiting Caller ID, and produces Call Waiting tones
- One set of normally open and normally closed contacts available for each entry phone

Benefits

- Adds 1–4 entry phones to your standard home or office phones
- Provides commercial or residential security via 2-way, hands-free communication at the door and gate
- Connects in series with a single phone line or to a phone system's unused line input
- Optional Privacy Number allows only selected visitors to call from an entry phone



MFR. PART NO.	DESCRIPTION
C-2000B	Advanced Door/Gate Entry Phone Controller



1000 Series Industrial Magnetic Lock — Heavy-Duty, Weatherproof Electromagnetic Lock

- 1,200-lb. holding force
- Field-selectable 12 or 24 VDC
- Environmentally sealed for exterior gate applications
- Universal mounting brackets for inswing or outswing doors and gates
- Lifetime warranty



MFR. PART NO.	DESCRIPTION
1000	1,200-lb. Holding Force for Outswing Doors
1000XCF	1,200-lb. Holding Force for Outswing Doors with Optional Conduit Fitting Female 1/2"
1000XD	1,200-lb. Holding Force for Outswing Doors with Optional SPDT Door Position Switch
TJ1110	1,200-lb. Holding Force with Z-Bracket for Inswing Doors
TJ1000XCF	1,200-lb. Holding Force with Z-Bracket for Inswing Doors with Optional Conduit Fitting Female 1/2"
TJ1000XD	1,200-lb. Holding Force with Z-Bracket for Inswing Doors with Optional SPDT Door Position Switch

1110/1120 Series Architectural Low-Profile Electromagnetic Lock for Secure Door Control

- 1,200-lb. holding force; field selectable 12 or 24 VDC
- Optional anodized and plated architectural finishes available
- Universal mounting brackets for inswing or outswing doors
- Optional built-in door contact or bond-sensing switch
- Lifetime warranty



ML1100 & DPA1100



1110 Series



1120 Series



MFR. PART NO.	DESCRIPTION
1110	1,200-lb. Holding Force for Outswing Doors
1110XB	1,200-lb. Holding Force for Outswing Doors and Optional SPDT Magnetic Bond Sensing Switch
1110XD	1,200-lb. Holding Force for Outswing Doors and Optional SPDT Door Position Switch
TJ1110	1,200-lb. Holding Force with Z-Bracket for Inswing Doors
TJ1110XB	1,200-lb. Holding Force with Z-Bracket for Inswing Doors and Optional SPDT Magnetic Bond Sensing Switch
TJ1110XD	1,200-lb. Holding Force with Z-Bracket for Inswing Doors and Optional SPDT Door Position Switch
1120	Dual 1,200-lb. Holding Force for Pairs of Outswing Doors
1120X2B	Dual 1,200-lb. Holding Force for Pairs of Outswing Doors and Optional SPDT Magnetic Bond Sensing Switch
1120X2D	Dual 1,200-lb. Holding Force for Pairs of Outswing Doors and Optional SPDT Door Position Switch
TJ1120	Dual 1,200-lb. Holding Force with Z-Bracket for Pairs of Inswing Doors
TJ1120X2B	Dual 1,200-lb. Holding Force with Z-Bracket for Pairs of Inswing Doors and Optional SPDT Magnetic Bond Sensing Switch
TJ1120X2D	Dual 1,200-lb. Holding Force with Z-Bracket for Pairs of Inswing Doors and Optional SPDT Door Position Switch
ML1100	Mortised 1,000-lb. Holding Force
DPA1100	Door Pull Handle for ML1100

1180 & 1190 Series Mounting Angles & Fillers

- Designed for every model and size maglock
- Outswing angles and inswing Z-brackets
- Filler plates for any size header stop
- Herculite glass door U-brackets
- Available in anodized and plated finishes

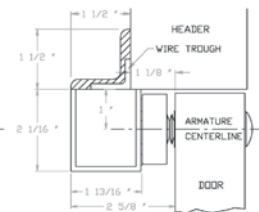
Contact your local CSC Representative for ordering information.



1180 Series Fillers



1190 Series Brackets



MM300 Series Mini-Mite Magnetic Lock for Cabinets & Drawers

- 300-lb. holding force
- Small mounting profile
- Low efficient current draw
- Universal mounting
- Inswing or outswing applications



Contact your local CSC Representative for ordering information.

3300 Series Electric Strikes

- Heavy-duty construction
- Quick-change fail-safe or fail-secure
- Optional latch monitor output
- Dual voltage 12 or 24 volts
- Stainless steel faceplate and keeper



Contact your local CSC Representative for ordering information.



HES® Electric Strikes

HES offers a large, comprehensive selection of electric strikes. Whether you're looking for a unique solution for a problem installation, a product that meets stringent building codes or a high-security solution, the HES® family of electric strikes has you covered.

For a complete list of colors, faceplates, accessories and available options, contact your local CSC Representative.



1006 Series Electric Strike

Strong, versatile electric strike.

Features

- 1006 can accommodate virtually every type of lockset on the market
- 1006 features a sleek keeper and a 100% stainless steel cast case
- Tested to exceed 3,000 lbs. of static strength
- 350 ft.-lbs. of dynamic strength
- Tested to exceed 1,000,000 cycles of operation

Benefits

- Exceptional versatility — 27 faceplate options
- Durable stainless steel construction
- Full keeper shims for horizontal adjustment
- Dual voltage 12 VDC or 24 VDC
- Non-handed

MFR. PART NO.	DESCRIPTION
1006-630	1006 Series Electric Strike
J630	Faceplate for Use with Cylindrical Locksets 5/8" Throw and Center-Lined Bolts
KM630	Faceplate for Use with Mortise Locksets with Deadbolt Below the Latchbolt



5000 Series Electric Strike

The 5000 Series is a Grade 1, low-profile solution for cylindrical locksets.

Features

- Accommodates 1/2"-5/8" latchbolt (5/8" with 1/8" door gap)
- Strike body depth 1 1/16"
- Plug-in connector
- Includes trim enhancer
- 5-year limited warranty

Benefits

- Static strength — 1,500 lbs.
- Dynamic strength — 70 ft.-lbs.
- Endurance — 500,000 cycles
- Field-selectable fail-safe/fail-secure
- Dual voltage 12 or 24 VDC/VAC



MFR. PART NO.	DESCRIPTION
5000-630	5000 Series Electric Strike

5200 Series Electric Strike

The 5200 Series is a Grade 1 solution with horizontal adjustability.

Features

- In-frame horizontal adjustment
- Non-handed
- Internally-mounted solenoid
- Plug-in connector
- Includes trim enhancer

Benefits

- Static strength — 1,500 lbs.
- Dynamic strength — 70 ft.-lbs.
- Endurance — 500,000 cycles
- Field-selectable fail-safe/fail-secure
- Dual voltage 12 or 24 VDC/VAC



MFR. PART NO.	DESCRIPTION
5200-630	5200 Series Electric Strike
501	Faceplate for Use with Cylindrical Locksets in ANSI Metal Jambos
501A	Faceplate for Use with Cylindrical Locksets; Includes Universal Mounting Tabs

8000 to 8500 Series Electric Strikes

Electric strikes with unique concealed design for no-cut installation.

Features

- Field-selectable fail-safe/fail-secure
- Dual voltage 12 or 24 VDC/VAC
- Non-handed

Benefits

- No cutting on frame required
- Static strength — 1,500 lbs.
- Dynamic strength — 70 ft.-lbs.
- Endurance — 500,000 cycles



MFR. PART NO.	DESCRIPTION
8000-630	8000 Series Electric Strike for Cylindrical Locksets
8300-630	8001 Series Electric Strike, Fire-Rated
801-630	Faceplate for Use with: Cylindrical Locksets in ANSI Metal Jambos, with Latchbolts up to 5/8" Throw
801A-630	Faceplate for Use with: Cylindrical Locksets with Latchbolts up to 5/8" Throw; Includes Universal Mounting Tabs; Aluminum Frames
8500-630	HES 8500 Series for Mortise Locksets
851M-630	For Use with: Sargent 8100, 8200, 9200
852K-630	For Use with: Corbin Russwin ML 2000
852L-630	For Use with: Schlage L9000
852M-630	For Use with: Yale 8700 (manufactured before 2005) and 8800, Accurate, Falcon, Kaba Ilco/Unican

9400 Series Electric Strike

The 9400 Series Electric Strike fits into low-profile openings with little or no modification to the face of the frame. Surface-mounted for use with 1/2" throw rim exit devices. Stainless steel construction.

- Static strength — 1,500 lbs.
- Dynamic strength — 70 ft.-lbs.
- Endurance — 500,000 cycles
- Field-selectable fail-safe/fail-secure
- Dual voltage 12 or 24 VDC



MFR. PART NO.	DESCRIPTION
9400-630	9400 Series Electric Strike

9500 & 9600 Series Electric Strikes

The 9600 Series is the original, completely surface-mounted, windstorm-rated solution. Use the 9500 Series for fire-rated frames for use with pullman latches or 3/4" rim exit devices.

Features

- Stainless steel construction
- Horizontal adjustment
- Non-handed

Benefits

- Static strength — 1,500 lbs.
- Dynamic strength — 70 ft. lbs.
- Endurance — 1,000,000 cycles
- Field-selectable fail-safe/fail-secure
- Dual voltage 12 or 24 VDC



MFR. PART NO.	DESCRIPTION
9500-630	9500 Series Electric Strike
9600-630	9600 Series Electric Strike

Schlage AD Series Electronic Modular Locks

- Modular design and open-architecture format adapts to fit any need
- Scalable for growth with your ever-changing needs
- Change read heads and networking options in minutes
- Use 70% less labor than hardwired systems



MFR. PART NO.	DESCRIPTION
AD-400-CY-70	Wireless Cylindrical Lockset — Multiple Reader and Networking Modules Available to Fit Most Needs
AD-400-MS	Wireless Mortise Lockset — Multiple Reader and Networking Modules Available to Fit Most Needs
PIM400-TD2	Panel Interface Module Supports Up to 2 Doors; Wiegand or Magnetic Stripe Output
WPR400-MT	Wireless Portable Reader with a Built-in Multi-Technology (Smart and Prox) Reader; Many Applications and Uses
GCK400	Gate Control Kit — Control Access to a Gate Up to 1,000' (line of site) Away

Schlage Electronic Security Electromagnetic Locks

- A wide variety of styles and holding forces for most applications
- Lifetime warranty
- Automatic voltage selection, MBS, DSM and many other options available
- Multiple filler plates/angle brackets available for all applications



MFR. PART NO.	DESCRIPTION
40	Automatic Voltage Selection, Built-in MBS and DSM, Meets or Exceeds BHMA Standard of 500 lbs.
70	Automatic Voltage Selection, Built-in MBS and DSM, Meets or Exceeds BHMA Standard of 1,000 lbs.
M490DE	Delayed Egress Electromagnetic Lock Designed to Meet NFPA 101 Life Safety Code, 1,500 lbs. Holding Force
M490	High-Security Series Electromagnetic Lock that Meets or Exceeds BHMA Standard of 1,500 lbs.
M450	Maximum-Security Series Electromagnetic Lock that Meets or Exceeds BHMA Standard of 1,000 lbs.

Von Duprin Electric Strikes

- The 5100 comes with 3 faceplates to fit most prep field-selectable fail-safe/fail-secure and field-selectable 12/24 VDC
- Use the Von Duprin 6000 Series Strike for heavy-duty applications



MFR. PART NO.	DESCRIPTION
5100-3FP-689	5100 Electric Strike with 3 Faceplates, 689 (aluminum) Finish, Field-Selectable 12 or 24 VDC
6300	The Use of this Surface-Mounted Strike Does not Require Any Modifications to the Door or Frame
6112 x US32D	Heavy-Duty Strike for Use with Rim Exit Devices on Single-Door Applications, US32D Finish
6210 x US32D	Heavy-Duty Strike for Use with Mortise Locks without Deadbolt on Single Doors, US32D Finish
6211 x US32D	Heavy-Duty Strike for Use with Cylindrical Locks on Single-Door Applications, US32D Finish

Schlage® CO Series Programmable Electronic Locks

CO Series offline locks are the ideal solution for facilities to achieve the convenience and efficiency of electronic access control without the complexity or cost of a networked system.

Features

- ANSI Grade 1 durability
- Available in multiple finishes
- Available in cylindrical, mortised or exit device trim
- Use standard AA batteries

Benefits

- Affordable alternative to networked access control
- ANSI Grade 1 durability — built-to-last
- Provides audit trails — informs investigators who entered an area



MFR. PART NO.	DESCRIPTION
CO-100-CY-70-KP	Cylindrical; Classroom/Storeroom Function with Keypad; Manual Programming
CO-100-CY-50-KP	Cylindrical; Office Function with Keypad; Manual Programming
CO-200-CY-70-KP	Cylindrical; Classroom/Storeroom Function with Keypad; Software Programming
CO-200-CY-50-KP	Cylindrical; Office Function with Keypad; Software Programming
CO-200-CY-70-PR	Cylindrical; Classroom/Storeroom Function with Proximity Reader; Software Programming
CO-200-CY-50-PR	Cylindrical; Office Function with Proximity Reader; Software Programming
HHD KIT	Handheld Programming Device (includes USB cable)
SXPR-SFT-1	SMS Express Offline Lock Software

EmLock® Architectural Grade, Award-Winning Modular Magnetic Lock — Quick Mount Design

EmLock modular design permits field upgrade without removing the lock from the frame. Slimmer, less obtrusive and faster to install than large epoxy-sealed magnets. Plated or anodized on all sides, the lock blends with frame for architecturally superior appearance.

Features

- Interlocking quick mount housing, built-in mounting screws, application mounting kits
- Adjustable mount, self-drilling/tapping screws and machine screws standard; blind nuts optional
- Voltage sensing 12/24 VDC input, wire access chamber, removable PCB wire terminal blocks
- Options — (B) bond status, (D) door status, (T) relock timer, (L) LED indicator, (A) tamper sensor
- CSFM, MEA, UL® Listed ANSI/BHMA Grade 1, Burglary-Resistant Auxiliary Lock, UL10C Fire

Benefits

- EmLock lifetime warranty and design eliminates need to remove or exchange lock for replacement
- Easier, faster installation with interlocking quick-mount, removable wire terminals
- Upgrade or replace PCB, all monitoring, options or holding force coil in minutes
- Monitoring kits may be stocked separately and installed in locks per application
- 'V' aluminum std, 'X' dark bronze and 'Y' black anodized, 'C' bright and 'D' dull brass, 'P' bright and 'Q' dull chrome equivalent optional



MFR. PART NO.	DESCRIPTION
1511V	1,650 lbs., Perimeter/High Security, Aluminum
1512V	1,650 lbs., Double, Perimeter/High Security, Aluminum
1571V	1,200 lbs., 3W Energy Saver, Aluminum
1571X	1,200 lbs., 3W Energy Saver, Dark Bronze
1571VL	1,200 lbs., Tri-LED Power Status (red/amber or green)
1571VD	1,200 lbs., Door Open/Closed Status
1571VB	1,200 lbs., Magnetic Bond Locked/Unlocked Status
1571VDBL	1,200 lbs., Door and Bond Status, Lock Status LED
1571VDT	1,200 lbs., Door Status, Adjustable 1–30" Relock Delay Timer

MFR. PART NO.	DESCRIPTION
1572V	Double, 1,200 lbs., 6W Energy Saver, Aluminum
1581V	650 lbs., Traffic Control, Aluminum
1581X	650 lbs., Traffic Control, Dark Bronze
1582V	Double, 650 lbs., Traffic Control, Dark Bronze
TJ1V	Top Jamb Kit for 1511V, 1571V Aluminum
TJ2V	Double Top Jamb Kit for 1512V, 1572V Aluminum
HDB1V	Glass Armature Kit for 1511V, 1571V, 1581V
UF11V	Spacer for Concrete Fill or Aluminum Blade Stop
UB11V	1" Pre-Drilled/Tapped Mounting Bar, 4"/4.5" Aluminum Frame

Narrow Line Series EMLock® with Magnetic Bond and Door Status

- Less obtrusive design gives opening a notably superior architectural appearance to conventional designs
- Only 2½" high, the Narrow Line has 30–40% shorter projection from header into opening and does not protrude over glass of typical glass doors with top rails
- 1,200-lb. holding force, 12/24 VDC input, SPDT magnetic bond sensor and door position output, and bi-color LED lock status indicator
- 350V
- EMLock lifetime warranty



MFR. PART NO.	DESCRIPTION
350V	1,200-lb. Narrow Line EMLock, 12/24 VDC, Magnetic Bond and Door Status, LED Indicator

Exit CHECK® Delayed Egress Lock

- 15-second exit delay, 1-second nuisance delay, 12/24 VDC
- Control and patient tracking inputs, REX, status outputs
- 1511S/T built-in key reset/bypass, remote reset optional
- CSFM, IBC, IFC, NFPA 101, code compliant delay; 7 finishes available

EXIT CHECK® PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.



MFR. PART NO.	DESCRIPTION
1581SNDV	650 lbs., Alarm Tone and LED, Reset Device Required
1511SNDKV	1,650 lbs., Voice Warning Message, Tone, Digital Countdown Display
1511TNDKV	1,650 lbs., Tandem for Pair of Doors
708RU	1-Gang Key Reset/Bypass Assembly
918	Wall Mount Keypad, User-Assigned Lock Reset/Authorized Access/Egress and On/Off

Micro Cabinet Lock with Optional Locked Status

- Display case, drawers, cabinets, swinging/sliding doors
- 12/24 VDC, reversible fail-safe/fail-secure
- Add "L" for SPDT locked status monitor
- Size — 3.2" x 1.1" x 1.1"
- 5-year warranty



MFR. PART NO.	DESCRIPTION
290	Micro Cabinet Lock with Optional Locked Status

Value Series Electric Strike with Latch Status

- Latch status for monitoring, door ajar, mantrap logic
- 12/24 AC/DC, reversible fail-safe/fail-secure
- DC-silent continuous duty, AC-buzzing momentary duty
- 5-year warranty



MFR. PART NO.	DESCRIPTION
25-4SU	Value Series Electric Strike with Latch Status

Uni-Flex 45 Electric Strike with Full Monitoring

- UL® Listed for cylindrical lock ¾" latch
- Latch status and keeper closed and deadlocked status standard
- 12/24 VDC, fail-safe/fail-secure, plug-in wire connectors
- ¼" alignment adj., 1 3/16" depth



MFR. PART NO.	DESCRIPTION
45-A	Universal Strike 4S, 4R, 7R Faceplates Supplied
45-4SU	4 7/8" ANSI Faceplate, Hollow Metal or Wood Frames
45-RV	4 7/8" ANSI Radius Faceplate, Wood or Aluminum Frames
45-6RV	6 7/8" Radius Faceplate for Wood or Aluminum Frames
45-7RV	7 1/8" Radius Faceplate for Wood or Aluminum Frames

Uni-Flex 55 Heavy-Duty Grade 1 Electric Strikes

- Retrofits ANSI 4 7/8" prep, no centerline relocation
- 12/24 VDC, fail-safe/fail-secure, 1/8" alignment adjustment
- LBM latch status, LBM/LCM latched and deadlocked status optional
- UL® Listed burglary and fire rated
- 5-year warranty



MFR. PART NO.	DESCRIPTION
55-ABC	Universal Strike with 5 Faceplates for All Cylindrical and Mortise Locks and Mortise Exit
55-AU	For All Cylindrical Locks and Centerline Latch Entry Locks
55-BU	For Motise Lock, ¾" Latch, Corbin Russwin Yale Arrow Sargent Best Marks Dorma Falcon Accurate
55-CU	For Mortise Lock with ¾" Latch, Schlage, SDC, Baldwin

Value Series Magnetic Locks with Full Monitoring

- Labor-saving, interlocking quick-mount and self-drilling mounting screws
- Wire access chamber, 12/24 VDC voltage sensing, anti-residual circuitry
- Filler plates and angle brackets available
- UL® Listed, ANSI Grade 1 heavy-duty compliant
- Limited lifetime warranty



MFR. PART NO.	DESCRIPTION
E1200	1,200-lb. Maglock with LED, Magnetic Bond and Door Status
E600	600-lb. Maglock with LED, Magnetic Bond and Door Status
E300	300-lb. Maglock with LED, Magnetic Bond and Door Status
E12Z	E1200 Z-Bracket for Pull Side Mounting
E12U	E1200 Armature U-Bracket for Attaching Armature to Glass Doors

Entry CHECK™ 500-User Heavy-Duty Keypads

- Programmable keypads include 500-user, 1–6 digit PIN codes assignable to 2 timed or latching SPDT 2A relay outputs for access and auxiliary device control, or relays may be triggered by forced entry, door ajar, inhibit relay or auto relock trigger inputs
- 2 additional solid-state relay functions include choice of alarm shunt, forced entry, door ajar, tamper lockout or keypad active; additional features include tamper lockout, time anti-passback and request to exit
- Model 918 features a single-gang, blue-illuminated keypad with 3/32" thick satin stainless steel faceplate and 12/24V AC/DC operation
- Model 920 features a heavy cast metal vandal- and weather-resistant housing with metal blue backlit keys and 12/24V AC/DC operation; ideally suited for interior doors or outdoor gates



918

920

MFR. PART NO.	DESCRIPTION
918	Entry CHECK 500-User, Single-Gang Access Control Keypad
920	Entry CHECK 500-User, Indoor/Outdoor Surface Mount Door and Gate Access Control Keypad

Keypad Lock for Cabinets, Drawers, Displays & Lockers

295 programmable cabinet lock.

- 2 keypad modes — 30; 3–6 digit user codes or 1 temp/rotating user and code
- Add/delete users, keypad tamper lockout after 3 incorrect code entries
- Vertical/horizontal mount, multiple cam positions, retrofits mechanical cam lock
- External override with 9V battery and manual keys (2); includes 2 AA batteries



MFR. PART NO.	DESCRIPTION
295	Programmable Cabinet Lock

M32/M62/M82 Electronic Locks

Ultra-durable Securitron® Magnalocks are weather-sealed for indoor or outdoor use. Flexible mounting options support installation on hollow metal, concrete-filled metal, wood or glass with aluminum frames, and gates and fences.



Features

- M32 — 600-lb. holding force
- M62 for interior and perimeter — 1,200-lb. holding force
- M82 — 1,800-lb. holding force
- UL® 10B, UL 10C, UL 294 and NFPA approved
- Complete line of brackets and accessories available — US32D satin stainless steel is standard finish, other finishes available (contact your local CSC Representative for ordering information)

Benefits

- Automatic dual voltage 12/24 VDC
- Patented instant-release circuit — no residual magnetism
- Fully sealed electronics — tamperproof and weatherproof
- All ferrous metal surfaces plated for durability and rust resistance
- MagnaCare Lifetime Replacement Warranty



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
M32	Magnalock Model 32, 600 lbs.	M62B	M62, BondSTAT Magnetic Bond Sensor
M32F	M32 Face Mount	M82B	Magnalock Model 82, 1,200 lbs.
M62	Magnalock Model 62, 1,200 lbs.	ZA32/62CL	Adjustable Z-Bracket, Clear
M62F	M62F, M62 Face Mount	EEB2	Emergency Exit Button
M62G	M62G, M62, Conduit Coupling	XMS	Passive Infrared REX

Code Compliant Exit Switch for Entrance Egress

- NFPA 101, IBC, IFC, California entry egress compliant
- Retriggerable, fixed 30j second relock delay, Push to Exit
- Fail-safe — releases lock when power to switch is lost
- CSFM, UL® Listed 294 fail-safe PIR egress sensor required



MFR. PART NO.	DESCRIPTION
413MU	1-Gang Illuminated Exit Switch, Red/Green Lens, 2A SPDT Dry or Voltage Output
413MNU	1¾" Narrow Illuminated Exit Switch, Red/Green Lens, 2A SPDT Dry or Voltage Output
MD-31D-OW	White Fail-Safe Pointable PIR Entry/Egress Curtain Sensor, 1–60 Adjustable Timer, 12/24V
MD-31D-B	Black Fail-Safe Pointable PIR Entry/Egress Curtain Sensor, 1–60 Adjustable Timer, 12/24V

Illuminated Exit Switches — Momentary or Adjustable Time Delay

- Illuminated high-impact red and green lenses supplied
- Specify "LT" for optional tri-color LED status indicator
- NFPA Code compliant "Push to Exit" sign
- 5-year warranty



MFR. PART NO.	DESCRIPTION
424U	DPDT 5A Momentary 1-Gang
412U	SPDT 5A Momentary Narrow 1¾" Frame Mount
422U	SPDT 5A Momentary 1-Gang
413U	SPDT 1–60 Second Timer Narrow 1¾" Frame Mount
423U	SPDT 1–60 Second Timer 1-Gang

Sanitary DPDT Touchless Entry/Exit Switch



- Wave of hand activates IR Sensor, 4" range
- Control electric locks, automatic door operators
- Hospitals, dorms, labs, bathroom entry/exit
- 12/24 VDC, DPDT dry contact, red/green LED



MFR. PART NO.	DESCRIPTION
474U	Sanitary DPDT Touchless Entry/Exit Switch

SureEXIT Tri-Fail-Safe Exit Sense Bar

- For maglock release, REX or delayed egress activation
- 12/24 VDC input, 2 SPDT contacts
- "V" aluminum standard, "Y" black, "X" dark bronze, "D" brass optional
- UL® Listed, burglary-resistant
- 5-year warranty



MFR. PART NO.	DESCRIPTION
PSB560V	SureEXIT Tri-Fail-Safe Exit Sense Bar

Vandal-Resistant Stainless Steel Exit Switch

- Weather- and vandal-resistant billion cycle piezoelectric button
- Selectable SPDT maintained or adjustable 1–60 second timed output
- 2mm heavy-duty stainless steel faceplate
- Narrow specify 463NU 1¾" frame mount



MFR. PART NO.	DESCRIPTION
463U	Vandal-Resistant Stainless Steel Exit Switch

Securitron® Exit Bars

Securitron offers a complete selection of exit bars for release of magnetically locked, non-fire-rated doors. Choose from the TSB touch-triggered release, the EMB electromechanical release or the DSB with redundant switches, touch trigger and mechanical movement, plus MicroShield anti-bacterial protection.

Features

- Standard length is 36"
- Can be field-cut to accommodate non-standard openings
- Includes 16', 22 AWG, 6-conductor cable and armored door cord

Benefits

- Operates on 12 or 24 VDC
- Available in ElectroLynx ready
- UL® Listed



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
TSB-CL	Touch Sense Bar, Clear, 36"	DSB-CL	DSB, Clear, 36"
TSB-BK	Touch Sense Bar, Black, 36"	EMB-CL	Clear, 36"
DSB-CLA	DSB, Clear, 36" with MicroShield	EMB-BK	Black, 36"

NOTE: Add D- prefix to MFR. PART NO. for dummy bar. Add -42 to MFR. PART NO. for 42" bar and -48 for 48" bar. Contact your local CSC Representative for ordering information.

Access Power Controller with Power Supplies

- 16 independently controlled fuse protected outputs
- 16 auxiliary power outputs (unswitched)
- Fire alarm disconnect is individually selectable by output
- AC fail and battery supervision



MFR. PART NO.	DESCRIPTION
Maximal11	16 Fused Outputs Rated 12 VDC @ 4A or 24 VDC @ 3A or 8 at 12 VDC @ 4A and 8 at 24 VDC @ 3A
Maximal33	16 Fused Outputs Rated at 12 VDC @ 12A or 24 VDC @ 12A or 8 at 12 VDC @ 6A and 8 at 24 VDC @ 6A
Maximal55	16 Fused Outputs Rated at 12 VDC @ 19A
Maximal75	8 Fused Outputs Rated at 12 VDC @ 9.5A and 8 Fused Outputs Rated at 24 VDC @ 9.7A
Maximal77	16 Fused Outputs Rated at 24 VDC @ 19.4A

Power Supply/Chargers

- AC fail and battery supervision
- UL®/cUL Listed, MEA, CSFM Approved (AL300ULX)
- UL/cUL Listed, MEA, CSFM and FM Approved (AL400ULX and AL600ULX)
- UL/cUL Listed (AL400ULXPD16 and AL600ULXPD16)



MFR. PART NO.	DESCRIPTION
AL300ULX	12 VDC or 24 VDC @ 2.5A Supply Current
AL400ULX	12 VDC @ 4A or 24 VDC @ 3A Supply Current
AL600ULX	12 VDC or 24 VDC at 6A Supply Current
AL400ULXPD16	12 VDC @ 4A or 24 VDC @ 3A Supply Current, Distributed via 16 Fused Outputs
AL600ULXPD16	12 VDC or 24 VDC @ 6A Supply Current, Distributed via 16 Fused Outputs

access control

4

Securitron® Power Products

Securitron has a broad range of power products to support maglocks and access control systems. Choose from the ultra-clean BPS Series or the AccuPower™ Series that supplies clean and accurate DC output.

- Linear and switching output versions available
- Single- and dual-output field-selectable 12 or 24 VDC versions
- Lifetime No-Fault Magnacare Warranty
- Models available with configurable access control input/outputs, fire trigger and fuse/dry contact options
- Concealed Electrical Power Transfer (CEPT) transfers power and data from the hinge side of the frame to electrified hardware on the door
- The TSB Door Cord (TSB-C) is the simplest and most economical solution for power transfer between a door frame and the door



MFR. PART NO.	DESCRIPTION
BPS-12/24-1	120 VAC, 12/24 VDC, 1A
BPS-12-1	120 VAC, 12 VDC, 1A
BPS-24-1	120 VAC, 24 VDC, 1A
TSB-C	Power Transfer Door Cord — 18"
CEPT-10	CEPT, Power Transfer, US32D Finish

MFR. PART NO.	DESCRIPTION
AQD3	Power Supply 3/1.5A, 12/24 VDC, Supervised
AQD3-4F	Power Supply 3/1.5A, 12/24 VDC, 4 Fused Outputs
AQD3-8C	Power Supply 3/1.5A, 12/24 VDC, 8 PTC Outputs
AQD5	Power Supply 5/3A, 12/24 VDC, Supervised
AQD5-8C1R	Power Supply 5/3A, 12/24 VDC, 8 PTC Output, Fire Trigger

5141 Series Key Switches

- Stainless steel faceplate, optional LEDs
- Key switches accept mortise cylinders
- Momentary, alternate action or time delay options
- Narrow jamb mount; single- and double-gang models
- Plated architectural finishes available



Contact your local CSC Representative for ordering information.

5277 Series Piezo Electric Switches

- Piezo electric waterproof touch-sensitive buttons
- Narrow jamb mount and single models
- Adjustable time-delayed N.O. and N.C. contacts
- Illuminated LED status ring
- Standard or custom engraving available



Contact your local CSC Representative for ordering information.

5210 Series Push Button and Key Reset Switches

- Mushroom and panic buttons with key reset option
- Momentary, alternate action or time-delay options
- Narrow jamb mount; single- and double-gang models
- KR Series provides latching action with key reset
- Specify WR for weather-resistant models



Contact your local CSC Representative for ordering information.

5286 Series Architectural Buttons

- All metal rectangular push pads
- Narrow jamb mount; single- and double-gang models
- Momentary, alternate action or time-delay options
- Available with anodized or plated architectural finishes
- Standard or custom engraving available



Contact your local CSC Representative for ordering information.

5278 Series Touchless Switches

- Proximity-activated switches
- Double-pole double-throw contacts
- Illuminated for increased visibility
- Convenient wiring hook-up
- Environmentally sanitary



Contact your local CSC Representative for ordering information.

5287 Series Heavy-Duty Vandal-Resistant Buttons

- Impact-resistant all metal pushbuttons
- Single- and double-gang models
- Momentary, alternate action or time-delay options
- Available with anodized or plated architectural finishes
- Standard or custom engraving available



Contact your local CSC Representative for ordering information.

7000 Series Annunciator Controllers and Custom Consoles

- Monitor and control 4–100 doors or zones
- Bi-color and tri-color LEDs indicate status
- Shunt zones lock and unlock doors
- Control doors, gates, mantraps and sallyports; monitor alarms
- Panels designed to custom specifications



Contact your local CSC Representative for ordering information.



7200 Series



7600 Series

5236 & 5246 Desk Consoles and Buttons

- Ideal for under desk mounting
- Specify LED indicators and key switches for override control
- Choose momentary or alternate action switches
- Add toggles, pushbuttons in any combination
- Control multiple doors from one console

Contact your local CSC Representative for ordering information.



Industry Leading Manufacturers...



people. passion. expertise.

Communication Systems

Emergency Communication	5-2 – 5-4
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Power	5-12



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SAFEPATH Emergency Communications System

- Supervised in-building communications system with battery back-up
- Provides full control of building notification appliances
- Expandable for larger system requirements
- UL® Standard 864, 9th edition, UL Standard 1711 approvals



COOPER Notification

MFR. PART NO.	DESCRIPTION
SP40S	SAFEPATH Emergency Communications System

Wheelock Speaker Strobe with Amber Lens

- Designed for mass notification applications
- UL® Listed
- Multi-candela 24V DC
- Additional wall and ceiling models available



COOPER Notification

MFR. PART NO.	DESCRIPTION
E70A-24MCW-NW	Wheelock Speaker Strobe with Amber Lens

Wheelock Series UTA-WH-VPS

- Universal telephone alert with strobe
- Low current draw and REN
- 4 sound patterns: horn, bell, vibrating chime, single chime
- UL® Listed

For Cooper Notification paging equipment, see page 5-9.



COOPER Notification

MFR. PART NO.	DESCRIPTION
UTA-WH-VPS	Wheelock Series UTA-WH-VPS

Wheelock Exceder Ceiling Mount Strobe

- Industry's lowest current draw with 12/24 VDC
- 5 mounting options — 1-gang, 2-gang, 4"-square, 3.5-octal, 4"-octal box
- 8 candela settings, universal mounting base



COOPER Notification

MFR. PART NO.	DESCRIPTION
STWC	Wheelock Exceder Ceiling Mount Strobe

Wheelock Exceder Strobe with Amber Lens

- Strobes for Mass Notification and Emergency Communications
- 5 mounting options — 1-gang, 2-gang, 4"-square, 3.5-octal, 4"-octal box
- Industry's lowest current draw with 12/24 VDC
- Selectable candela 15/19/30/75/95/110/135/185



COOPER Notification

MFR. PART NO.	DESCRIPTION
STW-ALA	Wheelock Exceder Strobe with Amber Lens

Wheelock Exceder Strobe

- Industry's lowest current draw with 12/24 VDC
- Voltage test points for quick troubleshooting
- 5 mounting options — 1-gang, 2-gang, 4"-square, 3.5-octal, 4"-octal box
- 8 candela settings, universal mounting base



COOPER Notification

MFR. PART NO.	DESCRIPTION
STR	Wheelock Exceder Strobe

Wheelock Exceder Horn Strobe

- Industry's lowest current draw with 12/24 VDC
- Voltage test points for testing ease
- 5 mounting options — 1-gang, 2-gang, 4"-square, 3.5-octal, 4"-octal box
- 8 selectable candela settings, universal mounting base



COOPER Notification

MFR. PART NO.	DESCRIPTION
HSR	Wheelock Exceder Horn Strobe

6510 Series Emergency Pull Station Switch

- Deter unauthorized access
- Key reset operation
- High-visibility color choices
- For medical emergencies
- Natural disaster notification



DORTRONICS SYSTEMS, INC.

Contact your local CSC Representative for ordering information.

VOIP 500 Emergency Phone

The VOIP-500 is an outdoor-rated, ADA compliant hands-free voice-over IP Emergency Phone for use in locations such as: parking facilities, college campuses, medical centers and industrial parks.

- Unit can be paged remotely by security as part of Talk-A-Phone's Wide-Area Emergency Broadcast System (requires WEBS Contact software)
- Ethernet connectivity and full IP compatibility with existing routers and LAN infrastructure
- Additional Layer 2 switch Ethernet port to connect other devices (e.g. IP video cameras)
- Supports standard SIP protocol
- Power over Ethernet (PoE, 802.11af), 12 VDC, 24V AC/DC



MFR. PART NO.	DESCRIPTION
VOIP-500	Native VoIP Emergency Phone
VOIP-500C	Native VoIP Assistance Phone
VOIP-500D	Native VoIP Dual-Button Emergency Phone
VOIP-500K	Native VoIP Emergency Phone with Keypad

Emergency Phone & Mass Notification Towers

- Vandal-resistant Emergency/Information Tower systems
- Emergency Phone Towers with Wide-Area Emergency Broadcast System (WEBS)
- Use in college/medical campuses, parking facilities, shopping malls
- Tower systems provide clarity, performance and a sense of security



MFR. PART NO.	DESCRIPTION
ETP-MT/R	Radius Emergency Phone Tower with Blue Light/Strobe (order phone separately)
ETP-MT/R OPT 4	Includes Blue Light/Strobe and Fitting on Arm for Mounting PTZ Camera (order phone separately)
WEBS-MT/R	Integrates Emergency Communications with Wide-Area Emergency Broadcast System (order phone separately)
ETP-MT/R OPT Solar	Solar-Powered; Choice of RF or Cellular Interface (order phone separately)
ETP-MT	Emergency Phone Tower with Blue Light/Strobe (order phone separately)

Wall Mounts (Emergency Phone & Mass Notification)

- Wall-Mounted Emergency and Information Phone Systems
- Use in parking garages, stairwells and college/medical campuses
- Wall-Mounted Emergency Phones with Wide-Area Emergency Broadcast System (WEBS)
- WEBS indoor and outdoor paging units



MFR. PART NO.	DESCRIPTION
ETP-WM	Wall-Mounted Emergency/Information Phone Station with Blue Light/Strobe (order phone separately)
ETP-WME	Economy Wall Mount Emergency/Information Phone Station with Blue Light/Strobe (order phone separately)
WEBS-WM	WEBS Wall-Mounted Emergency Phone System with Concealed High-Power Speakers (order phone separately)
WEBS-PA-1	WEBS Indoor Paging Unit (IP only, 24 VDC or PoE)
WEBS-PA-2	WEBS Hi-Volume Outdoor Paging Unit; Provides 180° Coverage (specify IP or analog); 120 VAC

Emergency/Information Phones & Accessories

- Emergency phones are hands-free, ADA compliant, phone line powered
- Parking facilities, college/medical campuses, elevators, access control
- Surface and flush mounting; indoor and outdoor; variety of accessories
- Mount-in towers, pedestals — wall or surface mount



MFR. PART NO.	DESCRIPTION
ETP-400	Single-Button Emergency Phone, Built-in Auto-Dialer Can Dial 2 Numbers, Outdoor-Rated
ETP-400D	Flush-Mounted 2-Button Emergency/Information Phone in a Hooded Surface Mount
ETP-400K	2-Button Emergency/Information Phone with Keypad
EC-8	Consolidator Allows Up to 8 Talk-A-Phone Emergency Phones to Utilize 1 Phone Line
ETP-EL	Outdoor-Rated Combination Blue Light/Strobe; Available 120 VAC or 12-24 VDC (specify)

1600A Series ADA Compliant Emergency Phones

ADA compliant emergency phones with built-in digital voice announcer.



VIKING
Security and Communication Solutions

Features

- Meet ADA requirements for emergency phones — LED, Braille label, location ID
- Non-volatile digital voice announcer with 16 seconds of voice memory
- Dials up to 5 emergency numbers
- All models available with optional Enhanced Weather Protection (EWP)

Benefits

- Hang up on CPC, silence, busy signal, dial tone, time out or touch tone command
- Extended temperature range (-15° F to 130° F)
- Central Station Monitoring (CSM) and separate central station voice speed dial number
- Hands-free operation, phone line powered, non-volatile memory (no batteries required)

MFR. PART NO.	DESCRIPTION
E-1600A	Red Surface Mount ADA Compliant Emergency Phone
E-1600-02A	Stainless Steel Flush Mount ADA Compliant Emergency Phone
E-1600-03B	Stainless Steel Surface Mount ADA Compliant Emergency Phone
E-1600-20A	2-Button Flush Mount Stainless Steel ADA Compliant Emergency Phone
E-1600-30A	Stainless Steel Flush Mount ADA Compliant Emergency Phone
E-1600-45A	Safety Yellow Surface Mount ADA Compliant Emergency Phone
E-1600-50A	Circuit Board Kit for ADA Compliant Emergency Phone
E-1600-55A	Custom Kit for ADA Compliant Emergency Phone
E-1600-60A	Blue Police Phone ADA Compliant Emergency Phone
E-1600-BLT-EWP	Yellow Tower ADA Compliant Emergency Phone

IP CAMERAS TO MEET YOUR SURVEILLANCE NEEDS

See pages 1-2 – 1-23



IS Series IP Intercom Boxed Sets

The IS Series is the perfect communication system for today's security needs. Multiple features are rolled into 1 system, saving time and money on installation and training. The IS Series is a scalable system. Add more boxed sets or integrate with an IS Series hardwired system.

Features

- Identify visitors and communicate between stations from anywhere on the network
- Each boxed set contains (1) IP Direct Door Station and (1) IP Direct Master Station
- Program and update system functions via browser
- PC master station records audio/video directly to PC
- Door Stations and Video Master Station powered by PoE or power supply (PS-2420UL sold separately)

Benefits

- Easily expand by adding more boxed sets
- Perfect solution for assisting visitors at locked entrances, automated garage terminals and secured interior doors
- Secure buildings on-site or off-site
- Centralize security and save on operation costs



ISS-IPMDV



ISS-IPMDV



ISS-IPSWDF



ISS-IPSWDV



MFR. PART NO.	DESCRIPTION
ISS-IPMDV	Boxed Set Includes (1) IS-IPDV Aluminum Die Cast Surface Mount Door Station and (1) IS-IPMV Desktop or Wall Mount Master Station with 3.5" LCD Screen
ISS-IPMDV	Boxed Set Includes (1) IS-IPDVF Stainless Steel Flush Mount Door Station and (1) IS-IPMV Desktop or Wall Mount Master Station with 3.5" LCD Screen
ISS-IPSWDV	Boxed Set Includes (1) IS-IPDV Aluminum Die Cast Surface Mount Door Station and (1) IS-SOFT Installation DVD with Single User License
ISS-IPSWDF	Boxed Set Includes (1) IS-IPDVF Stainless Steel Flush Mount Door Station and (1) IS-SOFT Installation DVD with Single User License
IS-MB	Mullion Mounting Bracket for IS-IPDV
SBX-ISDVF	Surface Mount Box for IS-IPDVF
EL-12S	Electric Door Strike, 12V AC/DC, 200mA

AX Series — Integrated Intercom

- CAT5e wiring, up to 8 masters and 120 remote stations
- Electronic access control integration
- CCTV system integration and PC programmable
- Video door stations with embedded card readers available
- Transfer calls to telephone line



MFR. PART NO.	DESCRIPTION
AX-8MV	Color Video Master (black)
AX-DV	Color Video Door Station, Surface Mount
AX-DVF	Color Video Door Station, Flush Mount
AX-DM	Audio-Only Door Station
AX-8M	Audio-Only Master Station (black)
AX-8MV-W	Color Video Master (white-8 masters and 8 doors only)
AX-084C	Central Exchange Unit for 8 Doors and 4 Master Stations
AX-248C	Central Exchange Unit for 24 Doors and 8 Master Stations
AX-320C	Add-on Exchange Unit for 32 Additional Doors

MFR. PART NO.	DESCRIPTION
AX-DV-P	AX-DV Door Station with ProxPoint® plus Embedded HID® Card Reader
AX-DVF-P	AX-DVF Door Station with ProxPoint® plus Embedded HID® Card Reader
PS-2420UL	24 VDC, 2A Power Supply
AX-16SW	16-Call Add-on Selector for AX-8MV/8M (black)
AXW-AVT	Transmission Interface Unit for AX Series Door Stations
AXW-AVR	Reception Interface Unit for AX Series CEU

IS Series — IP Security Intercom

The IS Series is an IP video intercom system from Aiphone. Identify visitors, communicate internally and unlock doors from any standard or software master station, or even from a cell phone. Broadcast daily or emergency announcements, and control bell scheduling.

Features

- System can be small using IP direct stations or expand to up to 1,024 stations using a combination of hardwired and IP direct units
- Unlock doors remotely from anywhere on the network and communicate easily between stations
- Program daily bulletins and bell schedules on- or off-site, making it ideal for schools and school districts
- Broadcast emergency announcements
- Browser-based setup allows unique system settings
- Forward failed calls and transfer video calls

Benefits

- All-in-one school security and communication solution
- Connect schools, offices or buildings using a LAN/WAN
- Great for schools — control bells, communicate with classrooms and identify visitors at entrances
- Install up to 20 doors/subs, 20 master stations and 120 room stations per school or building, and connect school to a network



MFR. PART NO.	DESCRIPTION
IS-DV	Wide-Angle, Digital PTZ Camera Door Station, Zinc Die Cast, Surface Mount
IS-DVF	Wide-Angle, Digital PTZ Camera Door Station, Stainless Steel, Flush Mount
IS-MV	Video Master Station
IS-SS	Audio-Only Door/Sub Station, Stainless Steel, Flush Mount
IS-RS	Audio-Only Room/Sub Station with Handset
IS-CCU	Central Control Unit for 4 Doors-4 Masters
IS-SCU	Add-on Control Unit for 8 Doors-8 Masters
IS-RCU	Room Sub-Control Unit for 30 Rooms
IS-IPC	IP Control Unit Brings Each Local System (IS-CCU) onto a Network
IS-PU-UL	Power Supply for IS-CCU, IS-SCU, IS-RCU, IS-IPC
IS-IPDV	IP-Addressable, Wide-Angle, Digital PTZ Camera Door Station, Zinc Die Cast, Surface Mount
IS-IPDVF	IP-Addressable, Wide-Angle, Digital PTZ Camera Door Station, Stainless Steel, Flush Mount

MFR. PART NO.	DESCRIPTION
IS-IPMV	IP-Addressable Video Master Station
IS-SOFT	IP-Addressable PC Master Station Software, Turns a PC into an IS Series Intercom
IS-DVF-2RA	Wide-Angle, Digital PTZ Camera Station, with ADA-Compliant Signage and 2 Call Buttons
IS-SS-2RA	Audio-Only Station with ADA-Compliant Signage and 2 Call Buttons
IS-SS-RA	Audio-Only Station with ADA-Compliant Signage and Single Call Button
IS-WBHE	Wall Mount Box with Hooded Light, "Emergency" Signage, Stainless Steel, Weather- and Vandal-Resistant
IS-WBHA	Wall Mount Box with Hooded Light, "Assistance" Signage, Stainless Steel, Weather- and Vandal-Resistant
IS-WBCE	Wall Mount Box with Caged Light, "Emergency" Signage, Stainless Steel, Weather- and Vandal-Resistant
IS-WBCA	Wall Mount Box with Caged Light, "Assistance" Signage, Stainless Steel, Weather- and Vandal-Resistant

E-30, E-35 and E-30-PT Hands-Free Speaker Phones

Provide reliable and intelligent hands-free communication.

Features

- Hands-free operation and phone line powered
- Programmable 5-number dialer and auto-answer feature
- Vandal-resistant 14-gauge louvered 316 stainless steel faceplate
- Advanced call progress detection: disconnects on busy, dial tone, CPC, reorder tone and time out

Benefits

- All models available with Enhanced Weather Protection (EWP)
- Optional VE-5x5 Surface Mount Box available
- Available with built-in color video camera (Model E-35)
- Available in a Push-to-Talk version for noisy environments (Model E-30-PT)



MFR. PART NO.	DESCRIPTION
E-30	Hands-Free Speaker Phone with Dialer
E-30-EWP	Hands-Free Speaker Phone with Dialer and Enhanced Weather Protection (EWP)
E-35	Hands-Free Speaker Phone with Dialer and Color Video Camera
E-35-EWP	Hands-Free Speaker Phone with Dialer, Color Video Camera and Enhanced Weather Protection (EWP)
E-30-PT	Hands-Free Speaker Phone with Push-to-Talk
E-30-PT-EWP	Hands-Free Speaker Phone with Push-to-Talk and Enhanced Weather Protection (EWP)
VE-5x5	Black Surface Mount Box

NOTE: Products shown in optional VE-5x5 Surface Mount Box (not included).

Compact Single- and Double-Gang Entry Phones

Weather- and vandal-resistant compact entry phones designed to provide 2-way hands-free communication.



Features

- Compact — front panels are the size of a typical single- or double-gang wall plate
- Available in 5 standard faceplate finishes — stainless steel, oil-rubbed bronze, polished brass, satin black or satin white
- Vandal-resistant 16-gauge polished brass, or 18-gauge 304 stainless steel faceplate and 316 stainless steel push button
- Weather-resistant mylar speaker, faceplate gasket, mic and speaker gasket, and internally sealed push-button switch
- Programmable intelligent call progress detection for automatic hang-up on CPC, silence, busy signal or time out

Benefits

- All models available with Enhanced Weather Protection (EWP)
- Optional surface mount boxes available — VE-3x5 and VE-5x5
- Replacement faceplates can be purchased separately and are available in all five standard finishes
- Models E-50, E-65 and E-75 include a built-in high-resolution color video camera
- Models E-70 and E-75 include a built-in 125 kHz HID compatible proximity card reader

MFR. PART NO.	DESCRIPTION
E-40-SS	Stainless Steel Single-Gang Entry Phone
E-40-SS-EWP	Stainless Steel Single-Gang Entry Phone with Enhanced Weather Protection (EWP)
E-50-SS	Stainless Steel Single-Gang Entry Phone with Color Video
E-50-SS-EWP	Stainless Steel Single-Gang Entry Phone with Color Video and Enhanced Weather Protection (EWP)
E-60-SS	Stainless Steel Double-Gang Entry Phone
E-60-SS-EWP	Stainless Steel Double-Gang Entry Phone with Enhanced Weather Protection (EWP)
E-65-SS	Stainless Steel Double-Gang Entry Phone with Color Video
E-65-SS-EWP	Stainless Steel Double-Gang Entry Phone with Color Video and Enhanced Weather Protection (EWP)
E-70-SS	Stainless Steel Double-Gang Entry Phone with Prox Card Reader
E-70-SS-EWP	Stainless Steel Double-Gang Entry Phone with Prox Card Reader and Enhanced Weather Protection (EWP)
E-75-SS	Stainless Steel Double-Gang Entry Phone with Color Video and Prox Card Reader
E-75-SS-EWP	Stainless Steel Double-Gang Entry Phone with Color Video, Prox Card Reader and Enhanced Weather Protection (EWP)

NOTE: MFR. PART NOS. are shown in Stainless Steel (SS) version. Also available in Oil Rubbed Bronze (BN), Polished Brass (PB), Satin Black (BK) or Satin White (WH). Contact your local CSC Representative for ordering information.

InformaCast Compliant IP Speakers

- IP speakers compliant with ControlKom and InformaCast for use with software systems
- Applications covered: K-12 and campus-wide notification
- Other applications: civil/municipal and healthcare
- Often more economical than traditional paging speakers



MFR. PART NO.	DESCRIPTION
I8S	IP Addressable 8" Loudspeaker for Basic Wall Mount, Durable, White, Powder-Coated Steel Grille
I8SC	IP Addressable 8" Loudspeaker for Wall Mount with 5-Character LED Clock Display
IHVP	IP Addressable APF Series Horn with Vandal-Resistant Aluminum/Stainless Construction Horn
IPS-ZC1	Allows Integration of Legacy Analog Systems with IP Speaker Control Software — Single Zone
I128SYS	IP Addressable 1' x 2' Loudspeaker System for Suspended Ceiling Systems

Strategy II In-Ceiling Loudspeakers

- 70.7/100V/8-ohm tuned and ported coaxial ceiling speaker
- True, high-fidelity sound in an attractive and easy-to-install system
- Perfect for business music and public address applications
- Includes mounting accessories for acoustic ceiling tile



MFR. PART NO.	DESCRIPTION
FAP40T	4" Ultra-Compact Full Range, 70.7V (1 W to 16 W taps) plus 8 ohm (FAP40T-B black)
FAP42T	4" Coaxial Full-Range System, 70.7V (1 W to 16 W taps) plus 8 ohm; Also in Black (FAP42T-B)
FAP62T	6" Coaxial Full-Range System, 70.7V (2 W to 32 W taps) plus 8 ohm
FAP82T	8" Coaxial Full-Range System, 70.7V (2 W to 60 W taps) plus 8 ohm
FAPSUB-1	8" Ceiling Subwoofer System with Passive Crossover, 70.7V (7.5 W to 60 W taps) plus 8 ohm

Strategy Series Surface Mount Loudspeaker Systems

- Coax indoor models and weather-resistant outdoor models available
- Compact, 2-way systems for exceptional performance (70.7V/100V/8 ohm)
- All 1/4"-20 hardware inserts, easy integration of hardware
- Excellent for background music, conference rooms, classrooms and more



MFR. PART NO.	DESCRIPTION
SM42T-WH*	4" 2-Way Weather-Resistant SM System, 70.7V (2W to 16W taps) plus 8 ohm, White
SM52T-WH*	5 1/4" 2-Way Weather-Resistant SM System, 70.7V (1W to 30W taps) plus 8 ohm, White
SM82T-WH*	8" 2-Way Weather Resistant SM System, 70.7V (2W to 60W taps) plus 8 ohm, White
SM8CXT-W*	8" 2-Way Coaxial SM System, 70.7V (7.5W to 60W taps) plus 8 ohm, White
SM12CXT-W*	12" 2-Way Coaxial SM System, 70.7V (7.5W to 60W taps) plus 8 ohm, White

* Also available in Black Finish (-B); contact your local CSC Representative for ordering information.

SECURITY

is being seen & heard

Ceiling speakers are for much more than background music. Being heard is critical in countless situations requiring mass notification, from natural disasters to violent scenarios. It's essential to be heard when there isn't a moment to lose.

The most important factor in being heard is installing the correct number of speakers for the environment. The size of environment and ambient noise present, will determine the quantity and wattage of speakers required.

To determine the number of speakers needed you can follow the simple steps below. Take the Total Room Square Footage and divide by Coverage.

While ceiling height affects the spacing of ceiling speakers, ambient noise level affects the wattage level to effectively cover the area. The higher the ceilings (further from the target area) or the higher the ambient noise level (dB), the higher wattage (W) setting is required by the speaker.

Speaker Wattage

Step 1 — Determine Ambient Noise Level

	Typical Ambient Noise	Verbal Communication	Typical Environment
Very High Noise	85–95 dB	Almost impossible	<ul style="list-style-type: none"> • Construction Site • Machine Shop • Noisy Manufacturing
High Noise	75–85 dB	Difficult	<ul style="list-style-type: none"> • Assembly Line • Busy Supermarket • Restaurant/Bar
Medium Noise	65–75 dB	Raise voice	<ul style="list-style-type: none"> • Public Area • Department store • Noisy Office
Low Noise	55–65 dB	Easy	<ul style="list-style-type: none"> • Hospital • Hotel Lobby • Quiet Office

Atlas Sound Strategy Series Amplifiers

- Mixer/Power Amplifier solutions for paging, BGM and sound reinforcement
- Mixer amps include up to 6 channels for mic, line and AUX inputs
- Efficient power handling for 35–240W systems (70.7V/100V/8 ohm)
- AA120M features module input for mic/line, masking or tone generator



MFR. PART NO.	DESCRIPTION
AA35	35W 3-Input Mixer Amplifier (60W version also available)
AA120M	120W 6-Input Mixer Amplifier with Module Input (mic/line, masking or tone cards sold separately)
AA240	240W 6-Input Mixer Amplifier (120W version also available)
MA40G	Global 40W 3-Input Mixer Amplifier (60W version also available)
PA40G	Global 40W Power Amplifier (60W version also available)

Strategy Series Pole-Mounted Amplifier

- 70W per channel at 8 ohms
- Local amplification to a projector with innovative pole mounting system
- Through chassis pole mounting system makes installation easy
- Also available in white (PA702-W) and 100W, 70.7/100V (PA1001G) model



MFR. PART NO.	DESCRIPTION
PA702	Strategy Series Pole-Mounted Amplifier

Wheelock Series UTA — Universal Telephone Alert

- Loud, attention-getting electronic ringers
- 4 sound patterns: horn, bell, vibrating and single chime
- High-output 109dB piezo speaker
- UL® Standard 1950

For Cooper Notification emergency communication equipment, see page 5-2.



MFR. PART NO.	DESCRIPTION
UTA-1	Wheelock Series UTA — Universal Telephone Alert

Speaker Wattage Step 2 — Determine Wattage

Ambient Noise Level (Refer to table on left page)	Ceiling Height (feet)			
	8	10	12	14
Low (55–65 dB)	½W	½W	1W	1W
Medium (65–75 dB)	1W	1W	2W	4W
High (75–85 dB)	4W	N/A	N/A	N/A

Speaker Quantity

Step 1 — Determine Coverage (Y x 2)²

Ceiling Height (Y)	Equation	Coverage
8'	(8 x 2)²	256 sq. ft.
10'	(10 x 2)²	400 sq. ft.
12'	(12 x 2)²	576 sq. ft.
14'	(14 x 2)²	784 sq. ft.

Step 2 — Speaker Quantity

[square feet] ÷ [coverage] = [speaker quantity]

Sample

40 x 60 / (10 x 2)² = 6 Speakers



NOTE: Additional noise variables such as different noise environment or areas without carpeting may alter chart information.

IP7 Mass Notification, Overhead Paging and Intercom Solutions TalkMaster Software



Features

- 100% IP and digital voice quality communication in Local-Area (LAN) and Wide-Area Networks (WAN)
- PC management with TalkMaster Enterprise, or integrate with VoIP telephone using SIP 2.0 Media Gateway or firmware
- On-board relay and sensor, PoE (802.3af) or Mains (110, 220) powered, 64 kbps network utilization
- PoE-enabled IP Speakers for hallways (one speaker covers up to 100'), ceilings and wall/ surface mount
- Configurable, function-rich IP Paging and Intercom end-points

Benefits

- Simple to configure and install; easy to use
- Supports new, retrofit and hybrid applications for public address, mass notification and intercom
- Flexibly manage paging and intercom communication locally, regionally or nationally using LAN or WAN
- Scalable to thousands of end-points one end-point at a time
- Relay/sensor supports door/gate access, strobe and more
- Use IP phone systems (SIP 2.0) for paging and intercom



MFR. PART NO.	DESCRIPTION
IP7-ST-110	IP Intercom Interface; PoE/110/220, DIN Rail/Surface Mount, Relay/Sensor; Power Supply Included
IP7-STx-110	IP Intercom Interface and 2-Port Switch; PoE/110/220, DIN Rail/Surface Mount, Relay/Sensor; PS Included
IP7-STx-FD IP	IP Full Duplex Intercom Interface; PoE/110/220, DIN Rail/Surface Mount, Relay/Sensor; Requires PNL-CIS4-FD
PNL-CIS4-FD	Full Duplex Vandal-Resistant Call Station — Stainless Steel, 2-Gang; Requires IP7-STx-FD
IP7-SS8	8W IP Amplifier; PoE/110/220, DIN Rail/Surface Mount; Power Supply Available
IP7-SE8	8W IP Amplifier with Intercom; PoE/110/220, DIN Rail/Surface Mount, Enhanced I/O, 2-Port Switch
IP7-SS20	20W IP Amplifier; DIN Rail/Surface Mount, 24V AC/DC 50W Power Supply Required and Available
IP7-SS40	40W IP Audio Amplifier, DIN/Surface Mount, 24 VDC 60W Power Supply Required and Available
SPKR-IP-11-BD-P	PoE-Enabled IP Hallway Speaker; 4.50" x 5.37" x 7.25"
SPKR-IP System 12	PoE-Enabled IP Ceiling Tile Lay-In Speaker; 23.75" x 23.75" x 3.40"
SPKR-IP System 1	PoE-Enabled IP Wall Speaker; 11.63" x 11.63" x 4.00"

CTG-2 Advanced Clock-Controlled Tone/Message Generator

Add accurate time-controlled CD quality tones or messages and emergency tones to your paging system.

Features

- Up to 14 schedules and up to 1,000 events
- 6 minutes of CD quality WAV file record time
- Up to 14 different tones or messages
- 4 programmable trigger inputs for emergency tones, etc.
- Includes USB PC programming software

Benefits

- Signals the beginning and end of class periods, breaks and lunch periods for schools
- Signals the beginning and end of shifts, breaks and lunch periods for factories/businesses
- Provides trigger-controlled emergency alert messages for fire, flood, severe weather, lockdown, etc.
- Provides messages at specific times for store sales, promotions, closing times, etc.
- Serves as a master clock for Viking's CL Series Wireless Clocks



MFR. PART NO.	DESCRIPTION
CTG-2	Advanced Clock-Controlled Tone/Message Generator

CL Series Wireless Analog/Digital Clocks and Accessories

Wireless clock system that provides reliable, accurately synchronized clocks for your entire facility.

Features

- Use with the Viking CTG-2 Master Clock/Tone Generator
- Analog and digital clocks have a built-in repeater to re-transmit clock sync data
- 915–928 MHz frequency-hopping technology
- Built-in diagnostic mode for easy maintenance
- CL-RFT Transmitter/Repeater receives and transmits clock sync data wirelessly

Benefits

- Wirelessly synchronize all clocks in your facility to the atomic clock
- Signal the beginning and end of class periods, breaks and lunch periods for schools
- Signal the beginning and end of shifts, breaks and lunch periods for factories/businesses
- Surface mount, double mount and wire cage accessories available



VIKING
Security and Communication Solutions

MFR. PART NO.	DESCRIPTION
CL-RFT	Clock RF Transmitter/Repeater
CL-A12	12" Analog Clock with Surface Mount Hardware
CL-A16	16" Analog Clock with Surface Mount Hardware
CL-D2	Digital Clock with 2.5" Numbers
CL-D4	Digital Clock with 4" Numbers
CL-SMD2	Surface Mount Housing for the CL-D2 Digital Clock
CL-SMD4	Surface Mount Housing for the CL-D4 Digital Clock

MFR. PART NO.	DESCRIPTION
CL-DMA12	Double Mount Housing for the CL-A12 Analog Clock
CL-DMA16	Double Mount Housing for the CL-A16 Analog Clock
CL-DMD2	Double Mount Housing for the CL-D2 Digital Clock
CL-DMD4	Double Mount Housing for the CL-D4 Digital Clock
CL-WGA12	Wire Guard for CL-A12 Analog Clock
CL-WGA16	Wire Guard for CL-A16 Analog Clock
CL-WGD4	Wire Guard for CL-D2 and CL-D4



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Find us on these sites as well:   

Low-Voltage Voice/Data Signal Surge Protection

- Protect voice, data and signaling lines to vital business equipment
- Multiple voltage levels available to protect all types of applications
- Connection methods include 66 block, terminal strip and RJ45 in/out
- 10-year limited warranty



MFR. PART NO.	DESCRIPTION
DTK-2MHL24B	Modular Voice/Data/Signaling Surge Protector 24V — Also Available in 5V, 12V, 36V, 48V and 75V Circuits
DTK-2LVLPLV	2 Pair, 24V Protection — Terminal Strip; Additional Configurations Available
DTK-SL130A	66 Block Quick-Connect Surge Protection — 130V with Diagnostic LED; Additional Voltages Available
DTK-MRJ45C5E	4 Pair, RJ45 In/Out Modular Jack Protection — Gigabit Ethernet Data Rate

Total Surge Solutions for Life Safety Systems

- Select a range of products that provide total surge protection
- For use with addressable and conventional alarm systems
- Protect AC Power, NAC, IDC, SLC and dialer circuits
- 10-year limited warranty



MFR. PART NO.	DESCRIPTION
DTK-TSS4	Protects 120V System Power, Series Connected NEMA 4X Enclosure — UL® Listed
DTK-120SR	120V/20A Series Connected AC Power Surge Protector — Hybrid Design with EMI/RFI Filtering
DTK-2MHL24BWB	24V, 2 Pair SLC Loop Surge Protector — Field-Replaceable Module with Hardwired Base
DTK-MR31XSCPWP	Alarm Dialer Surge Protection — Protects Single Pair RJ31X Dialer Circuit — RJ45 Mod Jack
DTK-120HW	120V/15A Parallel Surge Protector — Protects AC Power to Equipment Panel and Branch Circuits

FOR COMPLETE POWER SOLUTIONS

See pages 3-6 – 3-14, 4-17, 6-7



Industry Leading Manufacturers...



peerless-AV™



Communications Supply Corporation
A Subsidiary of WESCO Distribution, Inc.

people. passion. expertise.

Professional AV

A/V Cable & Connectors.....	6-2 – 6-3
A/V Switchers, Extenders & Baluns	6-4
Racks, Cabinets & Mounts.....	6-5 – 6-6
Amplifiers & Power	6-7

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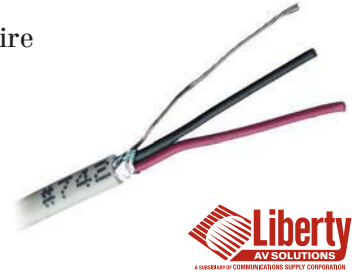
Control Cable Shielded Plenum Multi-Conductor/Overall Shield with Drain Wire

Features

- UL® Listed NEC® Type CL3P/CMP
- Bare copper stranded conductors
- Low smoke PVC insulation
- Overall foil shield with stranded TC drain

Benefits

- Commercial grade
- Ships on 1,000' spools
- Rated CMP/CL3P for all plenum NEC and CEC regulated installations and applications



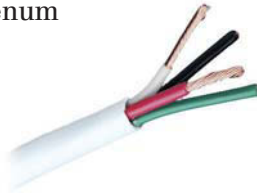
MFR. PART NO.	DESCRIPTION
22-2C-PSH-WHT	2 Conductor, 22-Gauge
20-3C-PSH-WHT	3 Conductor, 20-Gauge

MFR. PART NO.	DESCRIPTION
22-4C-PSH-WHT	4 Conductor, 22-Gauge
22-6C-PSH-WHT	6 Conductor, 22-Gauge

MFR. PART NO.	DESCRIPTION
22-8C-PSH-WHT	8 Conductor, 22-Gauge
22-10C-PSH-WHT	10 Conductor, 22-Gauge

Commercial Security Cable Plenum

- UL® Listed NEC® Type CL3P/CMP
- Bare copper stranded conductors
- Low smoke PVC jacket
- Available in black or white

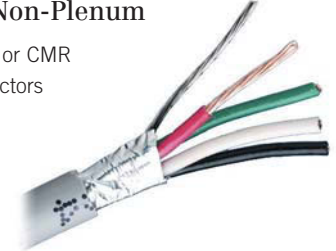


MFR. PART NO.	DESCRIPTION
22-2C-P-WHT	2 Conductor, 22-Gauge
22-4C-P-WHT	4 Conductor, 22-Gauge



Shielded Audio Cable Non-Plenum

- UL® Listed NEC® Type CL3R or CMR
- Bare copper stranded conductors
- Grey PVC Jacket
- Sequential footmarks



MFR. PART NO.	DESCRIPTION
22-2C-SH-GRY	2 Conductor, 22-Gauge
22-4C-SH-GRY	4 Conductor, 22-Gauge



Control Cable Individually Shielded Plenum

- UL® Listed NEC® Type CL2P, CMP or CL3P/CMP
- Bare copper stranded conductors
- Low smoke PVC or FEP insulation
- Each pair foil shielded with stranded TC drain

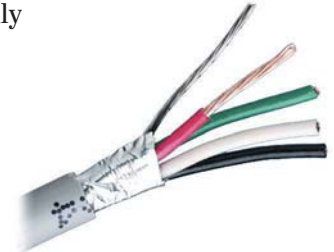


MFR. PART NO.	DESCRIPTION
22-2P-PINDSH-WHT	2 Pairs, 22-Gauge
22-3P-PINDSH-WHT	3 Pairs, 22-Gauge
22-6P-PINDSH-WHT	6 Pairs, 22-Gauge



Control Cable Individually Shielded Non-Plenum

- UL® Listed NEC® Type CL3R or CMR
- Bare copper stranded conductors
- 1,000' reel

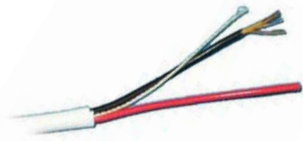


MFR. PART NO.	DESCRIPTION
18-2P-INDSH-GRY	2 Pairs, 18-Gauge
22-2P-INDSH-GRY	2 Pairs, 22-Gauge



Control Cable Unshielded Multi-Conductor

- UL® Listed NEC® Type or CMG
- Bare copper stranded conductors
- Grey PVC jacket
- 1,000' box



MFR. PART NO.	DESCRIPTION
22-2C-ST-HT	2 Conductor, 22-Gauge
22-4C-ST-HT	4 Conductor, 22-Gauge



Security and Low-Voltage Power Distribution Cable

- Pressure-extruded PVC jacket ensures durability and smooth pulling
- CMG flame ratings for the U.S. and Canada
- 1,000' nested pull boxes

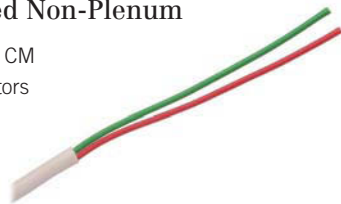


MFR. PART NO.	DESCRIPTION
22-4C-ST-GHT	4 Conductor, 22-Gauge



Control Cable Unshielded Non-Plenum

- UL® Listed NEC® Type, CL3 or CM
- Bare copper stranded conductors
- Grey PVC jacket
- Sequential footmarks



MFR. PART NO.	DESCRIPTION
22-2C-GRY	2 Conductor, 22-Gauge
22-4C-GRY	4 Conductor, 22-Gauge



C-Tec2 RG-59 BNC Plug — Universal Nickel

- Single-piece compression connector for plenum and non-plenum
- Single braid shield through quad shield
- Yellow silicone band for easy identification
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59M-BNC	C-Tec2 RG-59 BNC Plug — Universal Nickel



ConnecTec® Connector RCA RG-6 Plenum CCTV

- Nickel front with gunmetal back
- Fuchsia silicone ring for identification as RG-6 CCTV plenum
- Single-piece connector
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG6PC-RCA	ConnecTec® Connector RCA RG-6 Plenum CCTV

ConnecTec® Connector F RG-59 CCTV Nickel

- Single-piece compression connector for non-plenum RG-59 CCTV
- Solid 20 AWG center conductor
- Single-piece connector with a black identification ring
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59C-F	ConnecTec® Connector F RG-59 CCTV Nickel

ConnecTec® Connector BNC RG-59 CCTV Gold

- Single-piece compression connector for non-plenum RG-59 CCTV
- Gold-plated connector, solid 20 AWG center conductor
- Single-piece connector with a black identification ring
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59C-GBNC	ConnecTec® Connector BNC RG-59 CCTV Gold

ConnecTec® Connector F RG-6 Plenum CCTV Nickel

- Nickel front with gunmetal back
- Fuchsia silicone ring for identification as RG-6 CCTV plenum
- Single-piece connector
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG6PC-F	ConnecTec® Connector F RG-6 Plenum CCTV Nickel

ConnecTec® Connector BNC RG-59 CCTV Nickel

- Single-piece compression connector for non-plenum RG-59 CCTV
- Solid 20 AWG center conductor
- Single-piece connector with a black identification ring
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59C-BNC	ConnecTec® Connector BNC RG-59 CCTV Nickel

ConnecTec® Connector F RG-59 Plenum CCTV Nickel

- Nickel front with gunmetal back
- Chartreuse silicone ring for identification as RG-59 CCTV plenum
- Single-piece connector
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59PC-F	ConnecTec® Connector F RG-59 Plenum CCTV Nickel

ConnecTec® Connector BNC RG-59 Plenum CCTV Nickel

- Nickel front with gunmetal back
- Chartreuse silicone ring for identification as RG-59 CCTV plenum
- Single-piece connector
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59PC-BNC	ConnecTec® Connector BNC RG-59 Plenum CCTV Nickel

ConnecTec® Connector PVC CCTV Compression RCA

- Solid 20 AWG center conductor
- Connector retention exceeds 80-lbs. after installation
- Single-piece connector with a black identification ring
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59C-RCA	ConnecTec® Connector PVC CCTV Compression RCA

ConnecTec® Connector F RG-59 CCTV Gold

- Single-piece compression connector for non-plenum RG-59 CCTV
- Solid 20 AWG center conductor
- Single-piece connector with a black identification ring
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59C-GF	ConnecTec® Connector F RG-59 CCTV Gold

ConnecTec® Connector RCA RG-59 Plenum CCTV Nickel

- Nickel front with gunmetal back
- Chartreuse silicone ring for identification as RG-59 CCTV plenum
- Single-piece connector
- Pkg. qty.: 25



MFR. PART NO.	DESCRIPTION
CM-RG59PC-RCA	ConnecTec® Connector RCA RG-59 Plenum CCTV Nickel

Intelix 16-Channel Active Receiver Balun

- Receives composite video up to 4,000' over standard cabling
- Rack-mounted card frame system supports up to 16 active input modules
- Each channel features dual buffered BNC outputs
- Ideal for security and monitoring applications



MFR. PART NO.	DESCRIPTION
S-V16AR	Intelix 16-Channel Active Receiver Balun

Intelix 16-Channel Composite Video and Power Hub

- Transmits composite video and power over a single twisted pair cable
- Allows higher voltage and longer distances
- Features a wave filter and anti-static design
- Mounts in a single 1RU 19" rack space



MFR. PART NO.	DESCRIPTION
S-V16P	Intelix 16-Channel Composite Video and Power Hub

Intelix Composite Video+Control+Power Extender

- Transmits over a single twisted pair cable, such as CAT5 or CAT6
- Features a male BNC connector for direct connection
- Male and female DIN power connectors and 2 bare control leads
- Features exceptional interference rejection



MFR. PART NO.	DESCRIPTION
S-V1CP	Intelix Composite Video+Control+Power Extender

Intelix Composite Video and Power Transmitter

- Combines twisted pairs 1, 2 and 4 for power distribution
- Allows higher voltage supplies and longer distances
- Replaces bulky coaxial cable, utilizes existing structured cabling network
- Features a wave filter and anti-static design



MFR. PART NO.	DESCRIPTION
S-V1P-T	Intelix Composite Video and Power Transmitter

Intelix 4-Channel Composite Video Breakout Box



- For composite video distribution over twisted pair cable
- Consolidates 4 video signals onto a single twisted pair cable
- Local tap outputs, providing individual video breakout connections
- Features a wave filter and anti-static design



MFR. PART NO.	DESCRIPTION
S-BB4	Intelix 4-Channel Composite Video Breakout Box

Intelix Single-Channel Module for S-V16AR

- Provides Intelix S-V16AR rack chassis with 1 channel of video support
- Receives composite video from a remote Intelix twisted pair extender
- Automatically adjusts the video signal for optimum viewing
- Distributes the video to 2 BNC outputs



MFR. PART NO.	DESCRIPTION
S-V16AR-MOD	Intelix Single-Channel Module for the S-V16AR

Tilt Out Wall Mount

Features

- Provides mounting and access to A/V equipment
- 3-position tilt-out rack for operation and maintenance
- External knockouts to mount low-voltage devices
- Space to mount power strip in the bottom rear of mount
- Available in surface and recessed mounting designs

Benefits

- Ideal for A/V equipment in schools, churches, etc.
- Stylish white finish
- Easy service and operation of mounted equipment



MFR. PART NO.	DESCRIPTION
BS2-TM3R	34.5"H x 23"W x 6"D, 3 RMU, 75-lb. Weight Capacity, Recess Mount
BS2-TM3S	34.5"H x 23"W x 5.5"D, 3 RMU, 75-lb. Weight Capacity, Surface Mount
7219-SR14	14-Position (6 front, 8 back) Power Strip with Circuit Breaker and Surge Suppressor; 15A
7219-20AR	6-Position Power Strip with Circuit Breaker; 20A



professional a/v



LOOKING FOR MORE RACKS & CABINETS?

See pages 3-15 – 3-23



Peerless-AV Audio/Visual Mounting Solutions

Peerless-AV is a leading designer, manufacturer and distributor of made-in-the-USA audio/visual solutions. Their innovative product line includes flat panel mounts, projector mounts and a full assortment of AV accessories. All of the mounts listed are UL® Approved.



Features

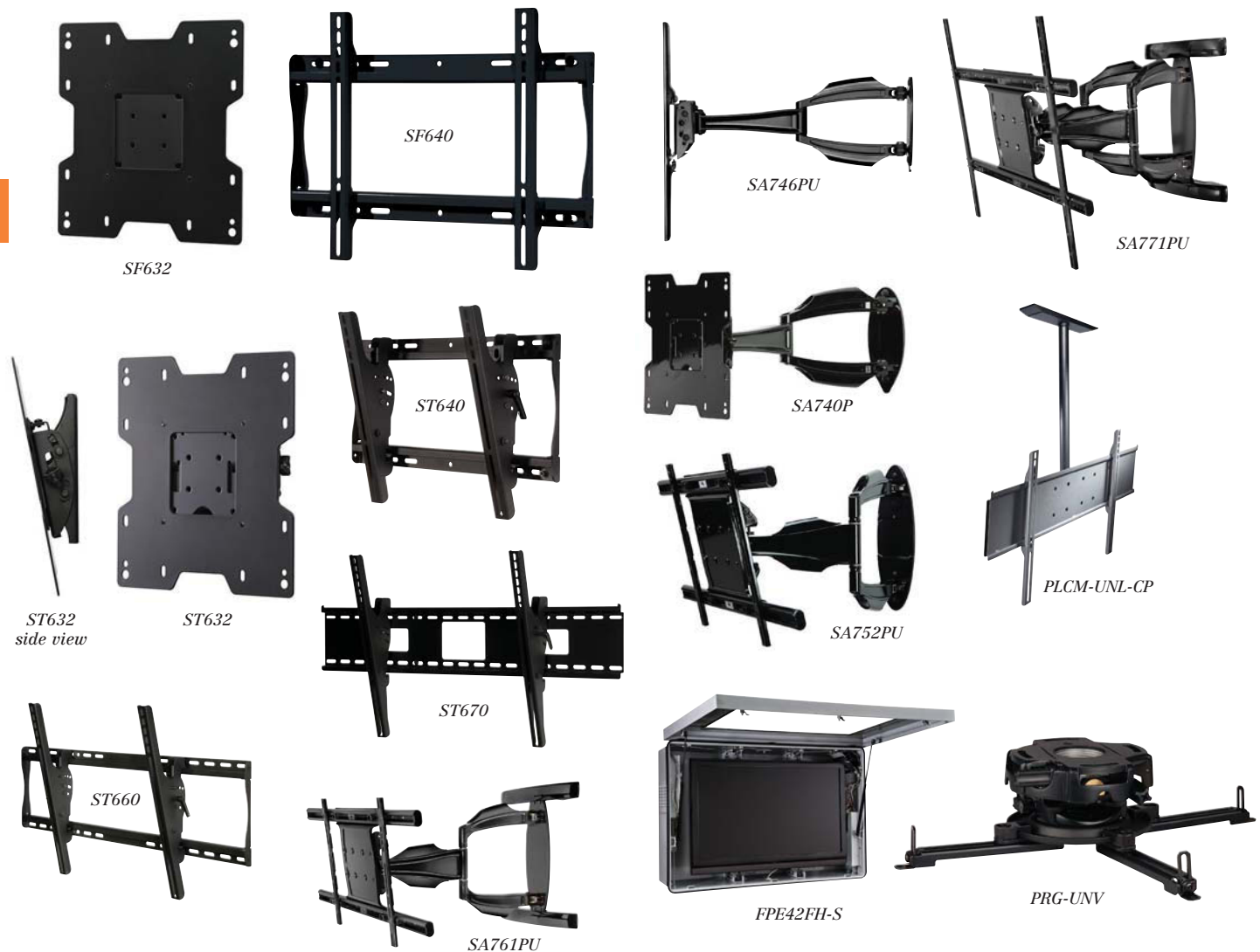
- Flat, tilting and articulating mounts fit displays 10–71"
- 5° to +15° tilt, load capacity from 0 to 250 lbs. on display mounts
- Horizontal shift to place display in appropriate center image
- Cable management features in all mounts as well as UL approval designation
- Universal designs fit displays or projectors within specified range

Benefits

- Wall plates allow generous cable management
- Display adapter brackets have special hook design which eases installation
- All mounts listed are UL Approved, signifying the highest quality construction
- Mounts are pre-assembled with hardware packs to reduce installation time
- Expansive display compatibility range within designated model ensures successful fit

professional a/v

6



MFR. PART NO.	DESCRIPTION
SF632	Universal Flat Wall Mount for 22–40" Displays
ST632	Universal Tilt Wall Mount for 22–40" Displays
SF640	Universal Flat Wall Mount for 23–46" Displays
ST640	Universal Tilt Wall Mount for 23–46" Displays
SF660	Universal Flat Wall Mount for 37–63" Displays
ST660	Universal Tilt Wall Mount for 37–63" Displays
SF670	Universal Flat Wall Mount for 42–71" Displays
ST670	Universal Tilt Wall Mount for 42–71" Displays
SA746PU	Articulating Wall Mount for 26–46" Displays

MFR. PART NO.	DESCRIPTION
SA730P	Articulating Wall Mount for 10–24" Displays
SA740P	Articulating Wall Mount for 22–40" Displays
SA752PU	Articulating Wall Mount for 32–52" Displays
SA761PU	Articulating Wall Mount for 37–60" Displays
SA771PU	Articulating Wall Mount for 37–71" Displays
PLCM-UNL-CP	Flat Panel Ceiling Kit for 32–65" Displays
PLCK-UNL	Flat Panel Conversion Kit for 32–65" Displays
FPE42FH-S	Outdoor Protective Enclosure for 40–42" Displays
PRG-UNV	Precision Gear Mount for Projectors up to 50 lbs.

Time-Saving Devices

Atlas Sound Time-Saving Devices are designed to solve common audio system problems efficiently and cost-effectively. TSD distribution and power amplifiers keep your job on schedule and within budget.



Features

- Distribution amplifier models are available in both 1 x 3 and 2 x 8 configurations, making them ideal for many installation scenarios
- Power amplifier models are available in mono- and 2-channel varieties with up to 25W per channel
- All connections are made via Phoenix connector for installation convenience
- Front panel potentiometer(s) allow easy adjustment
- Small chassis (1.5"H x 3.9"W) can be installed in almost any space

Benefits

- Easy to install and connect to new or existing systems
- Multiple configurations offer specific solutions based on job requirements
- Rack-mountable with rack mount kit that supports up to 4 TSD modules (TSD-RMK sold separately)
- Meet energy standards — 6 TSD modules can be powered using one 24 VDC power supply and a power distribution module
- Included security covers prevent unauthorized adjustment after installation



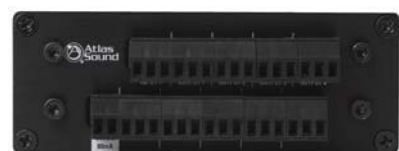
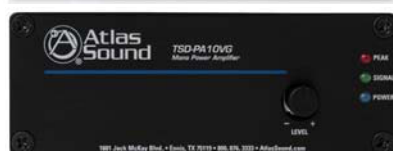
TSD-DA13



TSD-PA10VG



TSD-PA122G



TSD-DA28



TSD-PA20VG



TSD-PA252G



TSD-DCPD



TSD-DCPDV



MFR. PART NO.	DESCRIPTION
TSD-DA13	1 x 3 Distribution Amplifier with 1 Balanced Mic/Line Input and 3 Isolated Balanced Mic/Line Outputs
TSD-DA28	2 x 8 Distribution Amplifier with 2 Balanced Mic/Line Inputs and 8 Isolated Balanced Mic/Line Outputs
TSD-PA10VG	10W Mono-Channel Power Amplifier 4Ω/25V/70.7V/100V with 1 Balanced Input
TSD-PA20VG	20W Mono-Channel Power Amplifier 4Ω/25V/70.7V/100V with 1 Balanced Input
TSD-PA122G	24W 2-Channel Power Amplifier 12W x 2 @ 4Ω with Balanced Stereo Inputs and Unbalanced Stereo Input via Dual RCA Connectors
TSD-PA252G	50W 2-Channel Power Amplifier 25W x 2 @ 4Ω with Balanced Stereo Inputs and Unbalanced Stereo Input via Dual RCA Connectors
TSD-PS24V250MA	250mA 24 VDC Power Supply for Individual TSD Modules or TSD Power Distribution Module
TSD-PS24V500MA	500mA 24 VDC Power Supply for TSD Power Distribution Module
TSD-PS24V2500MA	2500mA 24 VDC Power Supply for TSD Power Distribution Module
TSD-DCPD	TSD Power Distribution Module for Use with up to 6 TSD Modules, Requires Power Supply
TSD-DCPDV	TSD Power Distribution Module with Front USB Charging Ports for Use with up to 6 TSD Modules, Requires Power Supply

National Electrical Code®

The National Electrical Code (NEC) is an accumulation of guidelines, or rules, developed to ensure safe and reliable installation of wiring and equipment in residential and commercial buildings. The code is not law in and of itself; it becomes law when adopted by specific jurisdictions, such as state, city, or federal construction agencies.

Cable Designation by Environmental Areas

The NEC categorizes cables for use in various environments within a building. There are four general designations. They are: Plenum, Riser, General Purpose, and Restricted Applications. In most cases a higher listed cable can be substituted for one lower listed (see substitution hierarchy). The NEC requires that cable designation codes be imprinted on premise cable to identify them for the appropriate use. Detailed information on a specific cable type can be found in the appropriate article of the NEC book.

NEC Cable Identification Codes and Ratings

NEC MARKING	CABLE TYPE	NEC ARTICLE	NEC VOLTAGE
CL2, CL2R, CL2P	Class 2 Power Limited	725	150V
CL3, CL3R, CL3P	Class 3 Power Limited	725	300V
FPL, FPLR, FPLP	Power Limited Fire Alarm	760	300V
NPLF, NPLFR, NPLFP	Non-Power Limited Fire Alarm	760-17	150V
CM, CMR, CMP	Communications Cable	800	300V
MP, MPR, MPP	Multi-Purpose Cable	800	300V
PLTC	Power Limited Tray Cable	725	300V
OFN, OFNR, OFNP	Nonconductive Fiber Optic	770	N/A
TC, VNTC	Tray Cable, 600V	340	600V
CATV	Community Antenna Television	820	N/A
CI	2-Hour Burn Fire Alarm	760	300V/600V

"P" Suffix = Plenum rated • "R" Suffix = Riser rated • "X" Suffix = Restricted use

NEC Cable Substitution Cross Reference Guide

		Allowable Cable Substitutions																		
		MPP	CMP	FPLP	CL3P	CL2P	CMR	FPLR	CL3R	CL2R	MP	CM	FPL	CL3	PLTC	CL2	CMX	CL3X	CL2X	
Cable Designation	MPP	X																		
	CMP	X	X																	
	FPLP	X	X	X																
	CL3P	X	X	X	X															
	CL2P	X	X	X	X	X														
	CMR	X	X	X	X	X	X													
	FPLR	X	X	X	X	X	X	X												
	CL3R	X	X	X	X	X	X	X	X											
	CL2R	X	X	X	X	X	X	X	X	X										
	MP	X	X	X	X	X	X	X	X	X	X									
	CM	X	X	X	X	X	X	X	X	X	X	X								
	FPL	X	X	X	X	X	X	X	X	X	X	X	X							
	CL3	X	X	X	X	X	X	X	X	X	X	X	X	X						
	PLTC	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
	CL2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
	CMX	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
	CL3X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
	CL2X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Industry Leading Manufacturers...



Communications Supply Corporation
A Subsidiary of WESCO Distribution, Inc.

people. passion. expertise.

Cable & Connectivity

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gocsc.com

Belden NEW GEN Coax Cable



MFR. PART NO.	DESCRIPTION
Aluminum Braid, Non-Plenum	
5339B5 010U1000	RG-6 18 AWG Solid BC F+60% ALB CM Black PVC 1,000' Box
5339Q5 009U1000	RG-6 18 AWG Solid BC Quad Shield CM White PVC 1,000' Reel
5339Q5 009U1000	RG-6 18 AWG Solid BC Quad Shield CM White PVC 1,000' Box
5339Q5 010U1000	RG-6 18 AWG Solid BC Quad Shield CM Black PVC 1,000' Reel
5339Q5 010U1000	RG-6 18 AWG Solid BC Quad Shield CM Black PVC 1,000' Box
Aluminum Braid, Plenum	
633938 877U1000	RG-6 18 AWG Solid BC F+90% ALB CMP Natural 1,000' Box
Copper Braid, Non-Plenum	
543945 010U1000	RG-59 20 AWG Solid BC 95% BCB CM CCTV Black PVC 1,000' Reel
543945 010U1000	RG-59 20 AWG Solid BC 95% BCB CM CCTV Black PVC 1,000' Box
551945 010U1000	RG-59 22 AWG Stranded BC 95% CU CM Black PVC 1,000' Reel
533945 010U1000	RG-6 18 AWG Solid BC 95% BCB CM Black PVC 1,000' Reel
Copper Braid, Plenum	
643948 877U1000	RG-59 20 AWG Solid BC 95% BCB CMP Natural 1,000' Reel
643948 877U1000	RG-59 20 AWG Solid BC 95% BCB CMP Natural 1,000' Box
633948 877U1000	RG-6 18 AWG Solid BC 95% BCB CMP Natural 1,000' Reel
6339Q8 877U1000	RG-6 18 AWG Solid BC Quad Shield CMP Natural 1,000' Reel
633938 877U1000	RG-6 18 AWG Solid BC Duofoil + 60% Aluminum Braid CMP

Belden Classics — Coax and Twin AX Cables

An integral part of the Belden offering, CSC is committed to stocking Belden Classics — time-tested cables that continue to dominate “call-outs” nationwide.



MFR. PART NO.	DESCRIPTION
Non-Plenum	
9116 010U1000	RG-6 18 AWG Solid CCS Foil+60% Alum Braid CM/CATV Black 1,000' Box
9269 010U1000	RG-62A/U 22 AWG Solid CCS 95% BCB CL2 Black 1,000' Reel
9463 J221000	Twinax-Blue Hose® 78 OHM CM, CL2 Blue 1,000' Reel
1189A 010U1000	RG-6 18 AWG Solid CCS Quad Shield CM DBS Black PVC 1,000' Box
1829A 009U1000	RG-6 18 AWG Solid CCS F+60% ALB DBS CM White PVC 1,000' Box
1829A 010U1000	RG-6 18 AWG Solid CCS F+60% ALB DBS CM Black PVC 1,000' Reel
1829A 010U1000	RG-6 18 AWG Solid CCS F+60% ALB DBS CM Black PVC 1,000' Box
1841AC 010500	RG-6 18 AWG Solid BC F+60% ALB Dual CM Black PVC 500' Reel
Plenum	
1189AP 877U1000	RG-6 18 AWG Solid CCS Quad Shield DBS Natural 1,000' Reel
82269 877U1000	RG-62A/U 22 AWG Solid CCS 93% BCB CMP, Natural 1,000' Reel
89463 0061000	Twinax-Blue Hose® 78 OHM CMP, CL2P Lt. Blue 1,000' Reel

Belden Cable Pro Compression and Cable Strip Tools

Cable Pro features 1-step, self-adjusting compression tools that provide precise and consistent compression, eliminating the need for recalibration and additional adjustment pieces.

- Cable Pro compression/installation tools are manufactured with the highest quality materials
- Cable strip tools feature a patented cable stop for precise ¼–¼" preparation
- Cable Pro tools and Double Bubble connectors work together as a system
- Experience the complete tool and connector system with a Double Bubble Starter Kit



MFR. PART NO.	DESCRIPTION
CPLCRBC-BR	Double Bubble Compression Tool Compresses Double Bubble F, RCA and BNC Connectors for RG-6, RG-59, RGB/Mini, Plenum and Security (CCTV) Cables
PSA59/6	Preps RG-6 and RG-59 Cable, Features Integrated RG-6 Side-Flaring Tool and Extra Replacement Blade Cartridge
PS59/6/RGB	Preps RG-6, RG-59 and Mini Coaxial Cable, Extra Replacement Blade Cartridges (red for RGB/mini; blue for RG-6 and RG-59)
FIT-59	Cable Pro Flaring and Insertion Tool Expands the RG-59 Cable Jacket to Ease the Insertion of Connectors onto the Cable

Belden Double Bubble™ Compression Connectors

Belden Double Bubble™ compression connector patented design features create a permanent 360° compression seal on the cable, reducing moisture migration and maximizing connector holding strength to produce a superior quality signal.

Features

- Double Bubble universal BNC, F and RCA connectors fit RG-6 and RG-59 standard through quad-shield cables
- Custom fit connectors available for RGB/mini coax, plenum and security (CCTV) coaxial cables
- Connectors designed for security, structured wiring and other exposed wiring installations
- A unique 1-piece design means no lost pins or pieces, simplifying installation
- Compress with the Cable Pro Double Bubble compression tool

Benefits

- Connectors feature a patented non-blind entry pin to guide the cable into the connector
- Cable Pro tools and connectors are designed to work together as a complete integrated system
- Patented internal compression rings eliminate moisture migration and provide superior pull-out strength
- Each connector is color-coded to identify whether it fits RG-6, RG-59 or RGB/mini coaxial cables
- Complete connector sizing chart or cable cross reference available; contact your local CSC Representative for information



MFR. PART NO.	DESCRIPTION
DB6U	RG-6 Universal F Connector (green)
DB6BNCU	RG-6 Universal BNC Connector (green)
DB6RCAU	RG-6 Universal RCA Connector (green)
DB6PL	RG-6 Plenum F Connector (green)
DB59U	RG-59 Universal F Connector (red)
DB59BNCU	RG-59 Universal BNC Connector (red)
DB59RCAU	RG-59 Universal RCA Connector (red)
DB59BNCPL2/4	RG-59 Plenum BNC Connector (red)
DB59RCAPL2/3/4	RG-59 Plenum RCA Connector (red)
DB59BNC SL	RG-59 Security (CCTV) BNC Connector (red)

MFR. PART NO.	DESCRIPTION
DB59RCASL	RG-59 Security (CCTV) RCA Connector (red)
DB59BNC HD	RG-59 High-Definition BNC Connector (red)
DB15BNC	RGB 22–24 AWG BNC Connector (purple)
DB15RCA	RGB 22–24 AWG RCA Connector (purple)
DB1BNC	RGB 24–26 AWG BNC Connector (orange)
DB1RCA	RGB 24–26 AWG RCA Connector (orange)
DBPSAKIT	Double Bubble Tech Express Tool Kit — Includes CPLCRBC-BR Compression Tool and PSA59/6 Cable Prep Tool
DBSSKIT	Double Bubble RG59 Security Connector and Tool Installation Kit

NOTE: To size cables to Double Bubble connectors, use the cross-reference chart; contact your local CSC Representative for information.

Composite Cables



MFR. PART NO.	DESCRIPTION
7913S 000500	(2) RG-6 + (2) 4-Pair/24 AWG CAT5e Banana Peel Jacketless CMR 500' Reel
7914S 000500	(2) RG-6 + (2) 4-Pair/24 AWG CAT5e + 2 Fiber MM Banana Peel Jacketless CMR-OF 500' Reel
7912A 337500	4-Pair/24 AWG CAT5 Bonded + RG-6 Quad Siamese CMR Lt. Green 500' Reel
7950A 337500	4-Pair/24 AWG CAT5e Bonded + 16 AWG 4-Cond. BC Stranded Keypad Cable CMR Lt. Green 500' Reel
579945 0101000	Mini RG-59 (25 AWG) + 20 AWG 2-Cond. Siamese CMR
679948 0101000	Mini RG-59 (25 AWG) + 20 AWG 2-Cond. Siamese CMP
539945 0101000	RG-6/U + 18 AWG 2-Cond. Siamese CMR
639948 8771000	RG-6/U + 18 AWG 2-Cond. Siamese CMP

MFR. PART NO.	DESCRIPTION
549945 0091000	RG-59 + 18 AWG 2-Cond. Siamese CMR
649948 8771000	RG-59 + 18 AWG 2-Cond. Siamese CMP
5284US 0101000	2-Pair/24 AWG CAT5e UTP + Pair/16 AWG Unshielded Siamese CMR
5284UE 0101000	2-Pair/23 AWG CAT5e UTP + Pair/16 AWG Unshielded (round) CMR
YM49032	2-Pair/24 AWG Water-Blocked CAT5 + Pair/16 AWG Unshielded (round) CMR
6284US 0091000	2-Pair/24 AWG CAT5e UTP + Pair/16 AWG Unshielded Siamese CMP
6284UE 0091000	2-Pair/23 AWG CAT5e UTP + Pair/16 AWG Unshielded (round) CMP

The Power of CSC's FTL Portal,
See Pages 1-46 – 1-47. (IP Servers & Storage)

www.FTLportal.com

BY CSC

Access Control



MFR. PART NO.	DESCRIPTION
Banana Peel Composite Cables	
558AFS 0001000	3-Pair/22 AWG Shielded + 18 AWG 4-Cond. Shielded + 22 AWG 2-Cond. Shielded + 22 AWG 4-Cond. Shielded, CMR Banana Peel Jacketless 1,000'
658AFS 0001000	3-Pair/22 AWG Shielded + 18 AWG 4-Cond. Shielded + 22 AWG 2-Cond. Shielded + 22 AWG 4-Cond. Shielded, CMP Banana Peel Jacketless 1,000'
538AFS 0001000	3-Pair/18 AWG Shielded + 16 AWG 4-Cond. Shielded + 18 AWG 2-Cond. Shielded + 18 AWG 4-Cond. Shielded, CMR Banana Peel Jacketless 1,000'
638AFS 0001000	3-Pair/18 AWG Shielded + 16 AWG 4-Cond. Shielded + 18 AWG 2-Cond. Shielded + 18 AWG 4-Cond. Shielded, CMP Banana Peel Jacketless 1,000'
558GMS 0001000	22 AWG 6-Cond. Shielded + 18 AWG 4-Cond. Unshielded + 22 AWG 2-Cond. Unshielded + 22 AWG 4-Cond. Unshielded, CMR, Banana Peel 1,000'
658GMS 0001000	22 AWG 6-Cond. Shielded + 18 AWG 4-Cond. Unshielded + 22 AWG 2-Cond. Unshielded + 22 AWG 4-Cond. Unshielded, CMP, Banana Peel 1,000'
558AFJ 0041000	18 AWG 4-Cond. Shielded + 3-Pair/22 AWG Shielded + 22 AWG 2-Cond. Shielded + 22 AWG 4-Cond. Shielded, CMR, Yellow OA Jacket 1,000'
658AFJ 0041000	18 AWG 4-Cond. Shielded + 3-Pair/22 AWG Shielded + 22 AWG 2-Cond. Shielded + 22 AWG 4-Cond. Shielded, CMP, Yellow OA Jacket 1,000'
658GFS 0001000	18 AWG 4-Cond. Shielded + 3-Pair/22 AWG Shielded + 22 AWG 2-Cond. Shielded + 3-Pair/22 AWG Shielded, CMP, Banana Peel 1,000'
Individuals	
5500FE 0081000	22 AWG 2-Cond. Stranded & Shielded CMR 1,000'
5500UE 0081000	22 AWG 2-Cond. Stranded & Unshielded CMR 1,000'
5300UE 0081000	18 AWG 2-Cond. Stranded & Unshielded CMR 1,000'
6500FE 8771000	22 AWG 2-Cond. Stranded & Shielded CMP 1,000'
6500UE 8771000	22 AWG 2-Cond. Stranded & Unshielded CMP 1,000'
6300UE 0081000	18 AWG 2-Cond. Stranded & Unshielded CMP 1,000'

NOTE: Other designs for Access Control available; contact your local CSC Representative.

cable & connectivity

7

POWER CABLE Distance

Maximum cable distance from power source to device(s) is determined by the total current draw of all devices connected to the power run and the wire gauge used. The charts below are based on a 10% voltage drop, which is acceptable to most CCTV equipment.



12 VDC Cable Distance (feet)							
Current	24 AWG	22 AWG	20 AWG	18 AWG	16 AWG	14 AWG	12 AWG
100ma	216	342	594	867	1,379	2,197	3,508
200ma	108	171	297	433	689	1,098	1,755
300ma	72	113	198	289	459	732	1,169
400ma	54	85	148	216	344	549	877
500ma	43	68	119	173	275	439	701
750ma	28	45	79	115	183	293	467
1000ma	21	34	59	86	137	219	350

24 VAC Cable Distance (feet)							
Current	24 AWG	22 AWG	20 AWG	18 AWG	16 AWG	14 AWG	12 AWG
5VA	213	337	572	852	1,356	2,162	3,451
10VA	103	283	286	451	716	1,142	1,811
20VA	52	141	142	225	358	571	905
30VA	34	94	95	150	238	380	603
40VA	26	70	71	112	179	285	452
50VA	20	56	57	90	143	228	362
75VA	15	24	38	60	95	152	241
100VA	10	27	28	45	71	114	181

NEW GEN Multi-Conductor Cables — Security, Alarm, Sound



MFR. PART NO.	DESCRIPTION
Non-Shielded, Riser Rated	
5100UE 0081000	14 AWG 2-Cond. Stranded CMR, 1,000' Reel
5120UL 0021000	14 AWG 2-Cond. Solid FPLR, Red, 1,000' Reel
5200UE 008U1000†	16 AWG 2-Cond. Stranded CMR, Grey, 1,000' Box
5200UE 0081000†	16 AWG 2-Cond. Stranded/19 CMR, Grey, 1,000' Reel
5200UP 0091000	16 AWG 2-Cond. Stranded/65 CMR, White, 1,000' Reel
5220UL 002100	16 AWG 2-Cond. Solid FPLR, Red, 1,000' Reel
5202UE 008U1000	16 AWG 4-Cond. Stranded CMR, Grey, 1,000' Box
5202UP 0091000	16 AWG 4-Cond. Stranded/65 CMR, White, 1,000' Reel
5222UL 0021000	16 AWG 4-Cond. Solid FPLR, Red, 1,000' Reel
5300UG 008U1000	18 AWG 2-Cond. Stranded CM, Grey, 1,000' Box
5300UE 0081000	18 AWG 2-Cond. Stranded CMR, 1,000' Reel
5320UL 0021000	18 AWG 2-Cond. Solid FPLR, Red, 1,000' Reel
5302UE 008U1000‡	18 AWG 4-Cond. Stranded CMR, Grey, 1,000' Box
5302UE 0081000‡	18 AWG 4-Cond. Stranded CMR, Grey, 1,000' Reel
5322UL 0021000	18 AWG 4-Cond. Solid FPLR, Red, 1,000' Reel
5320UM 0021000	Circuit Integrity — 18 AWG 2-Cond. Solid FPLR-CI, Red 1,000' Reel
5402UE 0081000	20 AWG 4-Cond. Stranded CMR, 1,000' Reel
5500UG 009U1000*	22 AWG 2-Cond. Stranded CM, White, 1,000' Box
5582UG 008U1000*	22 AWG 4-Cond. Solid CM, Grey, 1,000' Box
5582UG U4FU1000*	22 AWG 4-Cond. Solid CM, Beige, 1,000' Box
5502UE 0081000	22 AWG 4-Cond. Stranded CMR, 1,000' Reel
5504UE 009U1000†	22 AWG 6-Cond. Stranded CMR, White, 1,000' Box
Non-Shielded, Plenum Rated	
6100UE 8771000	14 AWG 2-Cond. Stranded CMP, 1,000' Reel
6120UL 0021000	14 AWG 2-Cond. Solid FPLP, Red, 1,000' Reel
6200UE 877U1000	16 AWG 2-Cond. Stranded/19 CMP, Natural, 1,000' Box
6220UL 0021000	16 AWG 2-Cond. Solid FPLP, Red, 1,000' Reel
6222UL 0021000	16 AWG 4-Cond. Solid FPLP, Red, 1,000' Reel
6300UE 877U1000†	18 AWG 2-Cond. Stranded CMP, Natural, 1,000' Box
6320UL 0021000	18 AWG 2-Cond. Solid FPLP, Red, 1,000' Reel
6322UL 0021000	18 AWG 4-Cond. Solid FPLP, Red, 1,000' Reel
6402UE 8771000	20 AWG 4-Cond. Stranded CMP, 1,000' Reel
6500UE 877U1000*	22 AWG 2-Cond. Stranded CMP, Natural, 1,000' Box
6502UE 877U1000†	22 AWG 4-Cond. Stranded CMP, Natural, 1,000' Box

Belcoil Put-ups also available: * = 1,000' Belcoil Put-up, † = 500' only, ‡ = 250' only.

MFR. PART NO.	DESCRIPTION
Shielded, Riser Rated	
5200FE 008U1000	16 AWG 2-Cond. Stranded OS CMR, Grey, 1,000' Box
5220FL 0021000	16 AWG 2-Cond. Solid FPLR, Red, 1,000' Reel
5222FL 0021000	16 AWG 4-Cond. Solid FPLR, Red, 1,000' Reel
5300FE 008U1000†	18 AWG 2-Cond. Stranded OS CMR, Grey, 1,000' Box
5300FE 0081000†	18 AWG 2-Cond. Stranded OS CMR, Grey, 1,000' Reel
5320FL 0021000	18 AWG 2-Cond. Solid FPLR, Red, 1,000' Reel
5320FM 0021000	Circuit integrity — 18 AWG 2-Cond. Solid FPLR-CI, Red 1,000' Reel
5302FE 008U1000‡	18 AWG 4-Cond. Stranded OS CMR, Grey, 1,000' Box
5302FE 0081000‡	18 AWG 4-Cond. Stranded OS CMR, Grey, 1,000' Reel
5322FL 0021000	18 AWG 4-Cond. Solid FPLR, Red, 1,000' Reel
5304FE 0081000	18 AWG 6-Cond. Stranded OS CMR, Grey, 1,000' Reel
5500FE 008U1000†	22 AWG 2-Cond. Stranded OS CMR, Grey, 1,000' Box
5502FE 008U1000†	22 AWG 4-Cond. Stranded OS CMR, Grey, 1,000' Box
5504FE 008U1000	22 AWG 6-Cond. Stranded OS CMR, Grey, 1,000' Box
Shielded, Plenum Rated	
6120FL 0021000	14 AWG 2-Cond. Solid FPLP, Red, 1,000' Reel
6200FE 8771000	16 AWG 2-Cond. Stranded OS CMP, Natural, 1,000' Reel
6220FL 0021000	16 AWG 2-Cond. Solid FPLP, Red, 1,000' Reel
6222FL 0021000	16 AWG 4-Cond. Solid FPLP, Red, 1,000' Reel
6300FE 877U1000	18 AWG 2-Cond. Stranded OS CMP, Natural, 1,000' Box
6302FL 0021000	18 AWG 2-Cond. Solid FPLP, Red, 1,000' Reel
6302FE 877U1000‡	18 AWG 4-Cond. Stranded OS CMP, Natural, 1,000' Box
6322FL 0021000	18 AWG 4-Cond. Solid FPLP, Red, 1,000' Reel
6304FE 8771000	18 AWG 6-Cond. Stranded OS CMP, Natural, 1,000' Reel
6500FE 877U1000*	22 AWG 2-Cond. Stranded OS CMP, Natural, 1,000' Box
6502FE 877U1000†	22 AWG 4-Cond. Stranded OS CMP, Natural, 1,000' Box
6504FE 877U1000	22 AWG 6-Cond. Stranded OS CMP, Natural, 1,000' Box

Multi-Conductor Cable — Belden Classics



MFR. PART NO.	DESCRIPTION
Non-Shielded, Non-Plenum	
8442 0601000	22 AWG 2-Cond. Stranded TC CMG, Chrome High-Conductivity Speaker Wire, 1,000' Reel
8443 0601000	22 AWG 3-Cond. Stranded TC CMG, Chrome, 1,000' Reel
8444 0601000	22 AWG 4-Cond. Stranded TC CMG, Chrome, 1,000' Reel
Shielded, Non-Plenum	
8770 0601000	18 AWG 3-Cond. Stranded TC Overall Shield CM, Chrome, 1,000' Reel
9418 0601000	18 AWG 4-Cond. Stranded(19) TC Overall Shield CMG, Chrome, 1,000' Reel
8772 060500	20 AWG 3-Cond. Stranded TC Overall Shield CM, Chrome, 500' Reel
8771 060U1000	22 AWG 3-Cond. Stranded TC Overall Shield CM, Chrome, 1,000' Reel
9541 0601000	24 AWG 15-Cond. Stranded TC Overall Shield CMG, Chrome, 1,000' Reel, 30PF/FT RS-232

Multi-Paired Cable — Belden Classics



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
Non-Shielded, Non-Plenum		Non-Shielded, Plenum	
8471 0601000	1-Pair/16 AWG Stranded(19) TC CMG, Chrome, 1,000' Reel	8723 0601000	2-Pair/22 AWG Stranded TC Individual Shielded Pairs CM, Chrome, 1,000' Reel
8461 0601000	1-Pair/18 AWG Stranded TC CMG, Chrome, 1,000' Reel	9501 0601000	1-Pair/24 AWG Stranded TC Overall Shield CMG, Chrome, 1,000' Reel
9740 060U1000	1-Pair/18 AWG Stranded TC CMG, Chrome, 1,000' Box	9729 0601000	2-Pair/24 AWG Stranded TC Individual Shielded Pairs CM, Chrome, 1,000' Reel
Non-Shielded, Plenum		Shielded, Plenum	
82740 8771000	1-Pair/18 AWG Stranded TC CMP, Natural, 1,000' Reel	1325A 0091000	2-Pair/22 AWG Stranded Individual Shielded, CMP White
Shielded, Non-Plenum		1326A 0091000	3-Pair/22 AWG Stranded Individual Shielded, CMP White
8719 0601000	1-Pair/16 AWG Stranded(19) TC Overall Shield CM, Chrome, 1,000' Reel	82760 877U1000	1-Pair/18 AWG Stranded TC Overall Shield CMP, Natural, 1,000' Box
8760 0601000	1-Pair/18 AWG Stranded(16) TC Overall Shield CM, Chrome, 1,000' Reel	88760 002U1000	1-Pair/18 AWG Stranded(19) TC Overall Shield CMP, Red, 1,000' Box
8762 0601000	1-Pair/20 AWG Stranded TC Overall Shield CM, Chrome, 1,000' Reel	82723 8771000	1-Pair/22 AWG Stranded T Individual Shielded Pairs CMP, Natural, 1,000' Reel
8777 0601000	3-Pair/22 AWG Stranded TC Individual Shielded Pairs CM, Chrome, 1,000' Reel	82761 8771000	1-Pair/22 AWG Stranded TC Overall Shield CMP, Natural, 1,000' Reel
8761 0601000	1-Pair/22 AWG Stranded TC Overall Shield CM, Chrome, 1,000' Reel	88761 0021000	1-Pair/22 AWG Stranded TC Overall Shield CMP, Red, 1,000' Reel
9451 010U1000	1-Pair/22 AWG Stranded TC Overall Shield CMR, Black, 1,000' Box		

For additional Belden Classic cables, contact your local CSC Representative.

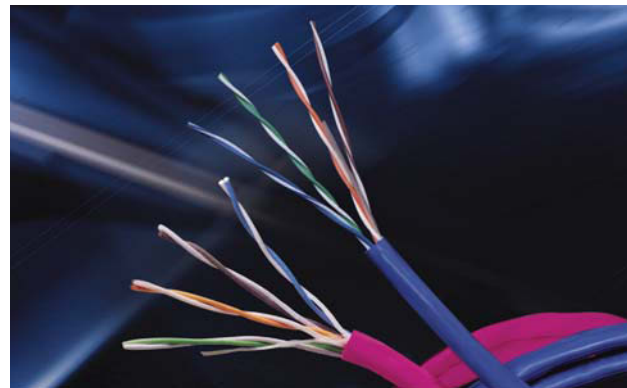
Category 6 UTP Cables — For Your IP Infrastructure

Features

- Smaller diameter cables and descending length marking ease installation and maintenance
- Increased bandwidth and signal-to-noise margins
- A wide variety of Belden's UTP cables are available from CSC's expanded national inventory
- Belden's 3600 Cable Solution available in both Bonded Pair and Non-Bonded Pair designs

Benefits

- Belden's UTP cables are part of a complete end-to-end solution
- Expanded capability to design product to fit your customer's specific need
- Strong technical support throughout product lifecycle; product development through post-installation
- Belden's 3600 Cables provide increased bandwidth and signal-to-noise margins



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
3612 006A1000	Category 6 Enhanced, Blue, Spool-in-a-Box, Riser, Non-Bonded	3632 006A1000	Category 6 Enhanced, Blue, Spool-in-a-Box, Riser, Bonded
3612 009A1000	Category 6 Enhanced, White, Spool-in-a-Box, Riser, Non-Bonded	3633 D15A1000	Category 6 Enhanced, Blue, Spool-in-a-Box, Plenum, Bonded
3613 D15A1000	Category 6 Enhanced, Blue, Spool-in-a-Box, Plenum, Non-Bonded	2412 006A1000	Category 6, Blue, Spool-in-a-Box, Riser, Non-Bonded
3613 009A1000	Category 6 Enhanced, White, Spool-in-a-Box, Plenum, Non-Bonded	2412 009A1000	Category 6, White, Spool-in-a-Box, Riser, Non-Bonded
		2413 D15A1000	Category 6, Blue, Spool-in-a-Box, Plenum, Non-Bonded
		2413 009A1000	Category 6, White, Spool-in-a-Box, Plenum, Non-Bonded

LANmark-1000 Enhanced Category 6 UTP 4-Pair Cable

LANmark-1000 is an ANSI/TIA/EIA CAT6 cable, ideal for gigabit network applications. Great electrical characteristics — PSNEXT, PSACR, PSELFEXT, ELFEXT, RL and LCL/TCL/EL TCTL (balance) — safeguard networks from damage from outside noise sources.

Features

- Enhanced construction guarantees performance beyond standard specifications
- Documented balance characteristics (LCL, LCTL)
- ETL verified to ANSI/TIA/EIA-568-C. Category 6 standard

Benefits

- LANmark-1000 allows more headroom for extended bandwidth capabilities
- Addition of balance requirements improves overall cable performance and reduces transmission errors
- State-of-the-art testing enables high frequency characterization of the cable to 550 MHz



MFR. PART NO.	DESCRIPTION
10032026	LANmark-1000 Plenum, CAT6 UTP, Grey, TekPak Box
10032089	LANmark-1000 Plenum, CAT6 UTP, Yellow, Reel
10032090	LANmark-1000 Plenum, CAT6 UTP, Yellow, TekPak Box
10032091	LANmark-1000 Plenum, CAT6 UTP, White, Reel
10032092	LANmark-1000 Plenum, CAT6 UTP, White, TekPak Box
10032093	LANmark-1000 Plenum, CAT6 UTP, Blue, Reel
10032094	LANmark-1000 Plenum, CAT6 UTP, Blue, TekPak Box
10032096	LANmark-1000 Plenum, CAT6 UTP, Green, Reel
10032097	LANmark-1000 Plenum, CAT6 UTP, Green, TekPak Box

MFR. PART NO.	DESCRIPTION
10032452	LANmark-1000 Riser, CAT6 UTP, Grey, TekPak Box
10032454	LANmark-1000 Riser, CAT6 UTP, Blue, Reel
10032455	LANmark-1000 Riser, CAT6 UTP, Blue, TekPak Box
10032458	LANmark-1000 Riser, CAT6 UTP, White, Reel
10032459	LANmark-1000 Riser, CAT6 UTP, White, TekPak Box
10032460	LANmark-1000 Riser, CAT6 UTP, Yellow, Reel
10032461	LANmark-1000 Riser, CAT6 UTP, Yellow, TekPak Box
10032478	LANmark-1000 Riser, CAT6 UTP, Green, Reel
10032479	LANmark-1000 Riser, CAT6 UTP, Green, TekPak Box

LANmark-6, Category 6 UTP 4-Pair Cable

Features

- Supports standard data and voice, including IP-based security applications
- Compact design with no center spline and an O.D. of 0.190"
- Meets the requirements of ANSI/TIA/EIA-568-C.2 Category 6

Benefits

- Easy installation
- Cost-effective, standard-compliant Category 6 solution
- Superior box design allows cable to be pulled easily from the box with minimal kinking



MFR. PART NO.	DESCRIPTION
10132983	LANmark-6 UTP Plenum, CAT6 UTP, Grey, TekPak Box
10136226	LANmark-6 UTP Plenum, CAT6 UTP, Blue, TekPak Box
10136230	LANmark-6 UTP Plenum, CAT6 UTP, White, TekPak Box
10136749	LANmark-6 UTP Plenum, CAT6 UTP, Yellow, TekPak Box
10136748	LANmark-6 UTP Plenum, CAT6 UTP, Green, TekPak Box

MFR. PART NO.	DESCRIPTION
10136338	LANmark-6 UTP Riser, CAT6 UTP, Grey, TekPak Box
10136339	LANmark-6 UTP Riser, CAT6 UTP, Blue, TekPak Box
10136340	LANmark-6 UTP Riser, CAT6 UTP, White, TekPak Box
10136753	LANmark-6 UTP Riser, CAT6 UTP, Yellow, TekPak Box
10136752	LANmark-6 UTP Riser, CAT6 UTP, Green, TekPak Box

Hyper Plus 5e, Category 5e UTP

Features

- Supports standard data and voice, including IP-based security applications
- Meets the requirements of ANSI/TIA/EIA-568-C.2 Category 5e
- Plenum flame rating: Plenum - NFPA 262, CMP; Riser flame rating: UL® 1666, CMR

Benefits

- Easy installation
- Cost-effective, standard-compliant Category 5e solution
- Superior box design allows cable to be pulled easily from the box with minimal kinking



MFR. PART NO.	DESCRIPTION
10032223	Hyper Plus 5e, CAT5e Plenum UTP, White, TekPak Box
10032207	Hyper Plus 5e, CAT5e Plenum UTP, Grey, TekPak Box
10032232	Hyper Plus 5e, CAT5e Plenum UTP, Green, TekPak Box
10032235	Hyper Plus 5e, CAT5e Plenum UTP, Yellow, TekPak Box
10032227	Hyper Plus 5e, CAT5e Plenum UTP, Blue, TekPak Box

MFR. PART NO.	DESCRIPTION
10032535	Hyper Plus 5e, CAT5e Riser UTP, White, TekPak Box
10032510	Hyper Plus 5e, CAT5e Riser UTP, Grey, TekPak Box
10032539	Hyper Plus 5e, CAT5e Riser UTP, Green, TekPak Box
10032528	Hyper Plus 5e, CAT5e Riser UTP, Blue, TekPak Box
10032531	Hyper Plus 5e, CAT5e Riser UTP, Yellow, TekPak Box



Experience the Ultimate Wire Box

At the same price of other brands, the choice is...



ReelTough™ Box

Patented features provide interior strength for maximum endurance.



Tough Ergonomic Handle

Haul the ReelTough box with confidence. Features a tough, single-hand grab design.



Tangle-Free Guarantee†

Tension controls reduce backlash, preventing bird nests and snags.

“Reel” Impact on Your ROI

Approximately 3%* of all low-voltage cable pulled from standard boxes gets tangled, cut off and wasted. When you consider this — plus the labor cost of untangling, cutting and re-pulling the ruined runs — the choice is ReelSimple. ReelSimple eliminates wasted cable and wasted time. Save hundreds, thousands, even tens of thousands of dollars by switching to ReelSimple. Use ReelSimple on your next job and experience the savings for yourself.

Total Boxes of low-voltage material pulled	250	\$1,031	Typical Savings realized with ReelSimple*
	500	\$2,063	
	1000	\$4,125	
	2000	\$8,250	
	5000	\$20,625	

* Based on actual customer survey results. Individual results may vary.



Contains 75% recycled content. Reel and box are 100% recyclable.

The ReelTough Box™ only available from CSC

ReelSimple's tough, tangle-free design makes pulling wire faster and easier. Don't let other wire boxes slow you down. Take the ReelTough Box to any jobsite and experience labor-saving, time-saving, hassle-free runs that take the pain out of the pull. At the same price of other brands, the choice is ReelSimple.

ReelSimple Cart

Large Platform, Large Wheels with Brakes, Fold Flat Design, 750-lb. Load Capacity

See page 8-10,
for complete
specifications



Cable & connectivity

CSC PART NO. 470092-98417
MFR. PART NO. XPL-433-12750

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Multi-Conductor Non-Plenum

CSC PART NO.	MFR. PART NO.	DESCRIPTION
Unshielded		
470092-98304	150400-08-1RBX	22-6C Stranded CMR, Grey, 1,000'
471092-98983	150300-08-1RBX	22-4C Stranded CMR, Grey, 1,000'
471092-98960	150200-08-1RBX	22-2C Stranded CMR, Grey, 1,000'
470092-98293	151230-08-1RBX	18-6C Stranded CMR, Grey, 1,000'
471092-98961	151200-08-1RBX	18-4C Stranded CMR, Grey, 1,000'
471092-98982	151000-08-1RBX	18-2C Stranded CMR, Grey, 1,000'
471092-98981	151600-08-1RBX	16-2C Stranded CMR, Grey, 1,000'
Overall Shielded		
471092-98957	161240-08-1RBX	22-6C Stranded Overall Shield CMR, Grey, 1,000'
471092-98959	161200-08-1RBX	22-4C Stranded Overall Shield CMR, Grey, 1,000'
471092-98956	161000-08-1RBX	22-2C Stranded Overall Shield CMR, Grey, 1,000'
470092-98266	163205-08-1RBX	18-6C Stranded Overall Shield CMR, Grey, 1,000'
471092-98952	163200-08-1RBX	18-4C Stranded Overall Shield CMR, Grey, 1,000'
471092-98980	163004-08-1RBX	18-2C Stranded Overall Shield CMR, Grey, 1,000'
470092-98263	164010-08-1RBX	16-4C Stranded Overall Shield CMR, Grey, 1,000'
471092-98945	164004-08-1RBX	16-2C Stranded Overall Shield CMR, Grey, 1,000'

Multi-Conductor Plenum

CSC PART NO.	MFR. PART NO.	DESCRIPTION
Unshielded		
471092-98946	110250-09-1RBX	22-6C Stranded CMP, White, 1,000'
471092-98990	110205-09-1RBX	22-4C Stranded CMP, White, 1,000'
471092-98958	110105-09-1RBX	22-2C Stranded CMP, White, 1,000'
476002-98995	112105-09-1RBX	18-4C Stranded CMP, White, 1,000'
471092-98988	112005-09-1RBX	18-2C Stranded CMP, White, 1,000'
471092-98985	113002-09-1RBX	16-2C Stranded CMP, White, 1,000'
471092-98984	113300-09-1RBX	14-2C Stranded CL3P, White, 1,000'
Overall Shielded		
471092-98989	110253-09-1RBX	22-6C Stranded Overall Shield CMP, White, 1,000'
471092-98991	110200-09-1RBX	22-4C Stranded Overall Shield CMP, White, 1,000'
471092-98992	110100-09-1RBX	22-2C Stranded Overall Shield CMP, White, 1,000'
471092-98979	112150-09-1RBX	18-6C Stranded Overall Shield CMP, White, 1,000'
471092-98987	112100-09-1RBX	18-4C Stranded Overall Shield CMP, White, 1,000'
471092-98994	112000-09-1RBX	18-2C Stranded Overall Shield CMP, White, 1,000'
471092-98953	113000-09-1RBX	16-2C Stranded Overall Shield CMP, White, 1,000'

Coax Non-Plenum

CSC PART NO.	MFR. PART NO.	DESCRIPTION
471092-98977	212053-00-1RBX	RG-59/U 20 Solid BC 95% Bare Copper Braid CCTV, Black, 1,000'
471092-98978	200201-00-1RBX	RG-6/U 18 Solid CCS Foil + 60% AL Braid CATV, Black, 1,000'
470092-97989	211010-00-1RBX	RG-6/U 18 Solid BC 95% Bare Copper Braid CCTV, Black, 1,000'

Coax Plenum

CSC PART NO.	MFR. PART NO.	DESCRIPTION
471092-98993	221105-09-1RBX	RG-59/U 20 Solid BC 95% Bare Copper Braid CMP, White, 1,000'
471092-98976	220400-09-1RBX	RG-6/U 18 Solid BC 95% Bare Copper Braid CMP, White, 1,000'
471092-98975	220402-09-1RBX	RG-6/U 18 Solid BC Foil + 90% AL Braid CATVP, White, 1,000'



Fire Alarm Non-Plenum

CSC PART NO.	MFR. PART NO.	DESCRIPTION
Unshielded		
470092-98538	250103-02-1RBX	18-2C Solid FPLR, Red, 1,000'
471092-98972	250039-02-1RBX	16-2C Solid FPLR, Red, 1,000'
471092-98974	250017-02-1RBX	14-2C Solid FPLR, Red, 1,000'
Overall Shielded		
471092-98971	250100-02-1RBX	18-2C Solid Overall Shield FPLR, Red, 1,000'
470092-98541	250040-02-1RBX	16-2C Solid Overall Shield FPLR, Red, 1,000'
471092-98951	250020-02-1RBX	14-2C Solid Overall Shield FPLR, Red, 1,000'

Fire Alarm Plenum

CSC PART NO.	MFR. PART NO.	DESCRIPTION
Unshielded		
471092-98967	121000-02-1RBX	18-2C Solid FPLP, Red, 1,000'
471092-98968	122005-02-1RBX	16-2C Solid FPLP, Red, 1,000'
471092-98969	123010-02-1RBX	14-2C Solid FPLP, Red, 1,000'
Overall Shielded		
471092-98966	121005-02-1RBX	18-2C Solid Overall Shield FPLP, Red, 1,000'
471092-98965	122008-02-1RBX	16-2C Solid Overall Shield FPLP, Red, 1,000'
471092-98964	123015-02-1RBX	14-2C Solid Overall Shield FPLP, Red, 1,000'

† Communications Supply Corporation guarantees tangle-free performance when using the ReelSimple, ReelTough Box with tension control set to high. Boxes are delivered with tension control set to high.

Access Control Composite Cable Non-Plenum and Plenum

Features

- Flexible construction
- Stranded bare copper
- Color-coded polymer or PVC insulation
- 100% aluminum/polyester foil shield
- Tinned copper drain wire
- PVC or polymer alloy PVC jacket
- NEC® Article 800
- UL® Listed CMR/CMP by item

Specialized use indoors for:

- Card Readers/Lock/PIR/Rex/Contacts



MFR. PART NO.	CONSTRUCTION	COMPONENTS	COMPLETE ASSEMBLY O.D.	PACKAGE WEIGHT LBS/1,000'
112110* UL CMP Plenum Rated	Components Have Mylar Wrap, and Are then Cabled Together Under a Common Yellow Jacket	18 - 4/C Unshielded 22 - 3/PR Shielded 22 - 2/C Unshielded 22 - 4/C Unshielded	0.346"	78
112115* UL CMP Plenum Rated	Components Have Their Own Jacket, and Are then Cabled Together Under a Common Yellow Jacket	18 - 4/C Shielded 22 - 3/PR Shielded 22 - 2/C Shielded 22 - 4/C Shielded	0.400"	105
588343 UL CMP Plenum Rated	Components Have Their Own Jacket, and Are then Cabled Together Under a Common Yellow Jacket	18 - 4/C STR BC Shielded 18 - 2/C Unshielded+ 22 - 4/C STR BC Shielded 22 - 2/C STR BC Unshielded 22 - 4/C STR BC Shielded	0.400"	100
112118* UL CMP Plenum Rated	Components Have Mylar Wrap, and Are then Cabled Together Under a Common Green Jacket	18 - 4/C Unshielded 22 - 2/PR Shielded	0.275"	59
702790 UL CMP Plenum Rated	Components Have Their Own Jacket, and Are then Cabled Together Under a Common Yellow Jacket	18 - 4/C STR BC Unshielded 22 - 3/PR STR BC Shielded 22 - 2/C STR BC Unshielded 22 - 4/C STR BC Unshielded	0.395"	100
151210* UL CMR Non-Plenum	Components Have Mylar Wrap, and Are then Cabled Together Under a Common Green Jacket	18 - 4/C Unshielded 22 - 3/PR Shielded 22 - 2/C Unshielded 22 - 4/C Unshielded	0.350"	78
151213 UL CMR Non-Plenum	Components Have Their Own Jacket, and Are then Cabled Together Under a Common Green Jacket	18 - 4/C STR BC Shielded 18 - 2/C Unshielded+ 22 - 4/C STR BC Shielded 22 - 2/C STR BC Unshielded 22 - 4/C STR BC Shielded	0.400"	100
759218 Outdoor Rated	Components Have Water Block Tape and Their Own Jacket, and Are then Cabled Together Under a Common Yellow Jacket	18 - 4/C STR BC Shielded 18 - 2/C Unshielded 22 - 4/C STR BC Shielded 22 - 2/C STR BC Unshielded 22 - 4/C STR BC Shielded	0.400"	100

* For color code, contact your local CSC Representative.

All Part Numbers listed are shipped on 1,000' reels.

Multi-Conductor, Unshielded Non-Plenum

Features

- Solid or stranded bare copper
- Color-coded PVC insulation
- Grey PVC jacket
- NEC® Article 725 or 800
- UL® Listed CMR, 12 and 14 AWG CL2 or CL3
- Available riser rated

General use indoors for:

- Security systems
- Sound and audio
- Data, control and instrumentation



MFR. PART NO.	NO. OF CONDUCTORS	AWG	STRAND	NOMINAL INSULATED THICKNESS	NOMINAL JACKET THICKNESS	NOMINAL O.D.	PACKAGE WEIGHT. LBS/1,000'
150100*	2	22	Solid	0.008"	0.015"	0.122"	11
141150**	4	22	Solid	0.008"	0.015"	0.140"	18
150410	6	22	Solid	0.008"	0.015"	0.170"	24
150510	8	22	Solid	0.008"	0.020"	0.182"	30
150650	10	22	Solid	0.008"	0.020"	0.214"	38
150710	12	22	Solid	0.008"	0.020"	0.220"	57
150200*	2	22	7/30	0.010"	0.020"	0.133"	10
150250	3	22	7/30	0.010"	0.020"	0.142"	16
150300*	4	22	7/30	0.010"	0.020"	0.155"	17
150350	5	22	7/30	0.010"	0.020"	0.171"	21
150400*	6	22	7/30	0.010"	0.020"	0.185"	23
150500	8	22	7/30	0.010"	0.025"	0.200"	36
150600	10	22	7/30	0.010"	0.025"	0.240"	45
150700	12	22	7/30	0.010"	0.025"	0.247"	57
150725	20	22	7/30	0.010"	0.025"	0.304"	88
150730	25	22	7/30	0.010"	0.025"	0.342"	110
150800	2	20	7/28	0.010"	0.020"	0.148"	16
150805	3	20	7/28	0.010"	0.020"	0.160"	20
150810	4	20	7/28	0.010"	0.020"	0.174"	29
150830	5	20	7/28	0.010"	0.020"	0.191"	42
150835	7	20	7/28	0.010"	0.020"	0.208"	45
150840	9	20	7/28	0.010"	0.025"	0.249"	63
150845	12	20	7/28	0.010"	0.025"	0.279"	73
151000*	2	18	7/26	0.010"	0.020"	0.163"	23
151100	3	18	7/26	0.010"	0.020"	0.178"	28
151200	4	18	7/26	0.010"	0.020"	0.195"	37
151225	5	18	7/26	0.010"	0.020"	0.214"	47
151230	6	18	7/26	0.010"	0.020"	0.226"	54
151400	7	18	7/26	0.010"	0.025"	0.239"	59
151410	9	18	7/26	0.010"	0.025"	0.279"	88
151500	12	18	7/26	0.010"	0.025"	0.314"	107
151510	15	18	7/26	0.010"	0.025"	0.350"	130
151515	20	18	7/26	0.010"	0.025"	0.390"	190
151520	25	18	7/26	0.010"	0.025"	0.445"	210
151526	30	18	7/26	0.010"	0.025"	0.467"	250
151600	2	16	19/29	0.010"	0.020"	0.192"	30
151608	3	16	19/29	0.010"	0.020"	0.206"	42
151610+	3	16	19/29	0.010"	0.020"	0.206"	42
151625	4	16	19/29	0.010"	0.020"	0.220"	50
151695	2	14	19/27	0.014"	0.025"	0.238"	48
151700‡	2	14	19/27	0.014"	0.025"	0.238"	48
151705‡	3	14	19/27	0.014"	0.025"	0.251"	65
151710‡	4	14	19/27	0.014"	0.025"	0.287"	75
151800‡	2	12	19/25	0.014"	0.025"	0.274"	69
151802	2	12	19/25	0.014"	0.025"	0.274"	69
151805‡	3	12	19/25	0.014"	0.025"	0.302"	99
151810‡	4	12	19/25	0.014"	0.025"	0.333"	124

NOTE: All cables use Color Code Chart 1 on page 7-17, unless noted otherwise.

* Available in different jacket colors.

** Color Code: 1 = Red, 2 = Black, 3 = Yellow, 4 = Green

+ Color code Red-Black-Yellow.

‡ Refer to Color Code Chart 2 on page 7-17.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

Multi-Conductor, Unshielded Plenum

Features

- Solid or stranded bare copper
- Color-coded, low-smoke, flame-retardant polymer alloy insulation
- White, low-smoke, flame-retardant polymer alloy jacket
- NEC® Article 725 or 800
- UL® Listed CMP, 14 and 12 AWG CL2P or CL3P



General use in air plenums without conduit for:

- Security systems
- Sound and audio
- Data, control and instrumentation



MFR. PART NO.	NO. OF CONDUCTORS	AWG	STRAND	NOMINAL INSULATED THICKNESS	NOMINAL JACKET THICKNESS	NOMINAL O.D.	PACKAGE WEIGHT LBS/1,000'
130775	4	22	Solid	0.009"	0.015"	0.132"	17
110105	2	22	7/30	0.010"	0.015"	0.123"	13
110120	3	22	7/30	0.010"	0.015"	0.132"	16
110205	4	22	7/30	0.010"	0.015"	0.145"	17
110225	5	22	7/30	0.010"	0.015"	0.161"	21
110250	6	22	7/30	0.010"	0.015"	0.175"	26
110270	8	22	7/30	0.010"	0.015"	0.180"	30
110400	10	22	7/30	0.010"	0.015"	0.220"	39
110800	12	22	7/30	0.010"	0.015"	0.227"	42
110820	15	22	7/30	0.010"	0.015"	0.240"	55
110834	20	22	7/30	0.010"	0.015"	0.284"	77
110838	25	22	7/30	0.010"	0.015"	0.322"	95
111005	2	20	7/28	0.010"	0.015"	0.138"	15
110010	3	20	7/28	0.010"	0.015"	0.150"	17
111025	4	20	7/28	0.010"	0.015"	0.164"	25
112005	2	18	7/26	0.010"	0.015"	0.153"	19
112040	3	18	7/26	0.010"	0.015"	0.168"	26
112105	4	18	7/26	0.010"	0.015"	0.185"	35
112145	6	18	7/26	0.010"	0.015"	0.235"	50
112160	8	18	7/26	0.010"	0.015"	0.265"	68
112169	12	18	7/26	0.010"	0.015"	0.302"	90
113002	2	16	19/29	0.010"	0.015"	0.182"	27
113005	3	16	19/29	0.010"	0.015"	0.196"	36
113007	4	16	19/29	0.010"	0.015"	0.210"	48
113300‡	2	14	19/27	0.012"	0.015"	0.218"	40
113301	2	14	19/27	0.012"	0.015"	0.218"	40
113306	3	14	19/27	0.012"	0.015"	0.231"	54
113307	4	14	19/27	0.012"	0.015"	0.267"	70
113400‡	2	12	19/25	0.012"	0.015"	0.254"	50
113402	2	12	19/25	0.012"	0.015"	0.254"	50
113407	4	12	19/25	0.012"	0.015"	0.305"	102

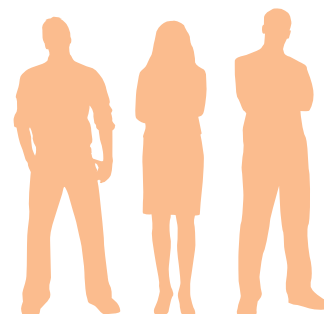
NOTE: All cables use Color Code Chart 1 on page 7-17, unless noted otherwise.

‡ Refer to Color Code Chart 2 on page 7-17.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

Are You Looking for a CSC Branch in Your Area?

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Multi-Conductor, Overall Shielded Non-Plenum

Features

- Solid or stranded bare copper
- Color-coded PVC insulation
- 100% aluminum/polyester foil shield
- Tinned copper drain wire
- Grey PVC jacket
- NEC® Article 725 or 800
- UL® Listed CMR, 12 and 14 AWG CL2 or CL3



General use indoors for:

- Security systems
- Sound and audio
- Data, control and instrumentation



MFR. PART NO.	NO. OF CONDUCTORS	AWG	STRAND	NOMINAL INSULATED THICKNESS	NOMINAL JACKET THICKNESS	NOMINAL O.D.	NOMINAL CAP PF/FT	PACKAGE WEIGHT LBS/1,000'
161015	2	22	Solid	0.008"	0.015"	0.130"	44	13
161150	3	22	Solid	0.008"	0.015"	0.142"	44	19
161155	4	22	Solid	0.008"	0.015"	0.150"	44	24
161000*	2	22	7/30	0.010"	0.020"	0.137"	45	15
161100	3	22	7/30	0.010"	0.020"	0.148"	45	20
161200	4	22	7/30	0.010"	0.020"	0.160"	45	23
161230	5	22	7/30	0.010"	0.020"	0.176"	45	31
161240	6	22	7/30	0.010"	0.020"	0.190"	45	32
161280	8	22	7/30	0.010"	0.025"	0.210"	45	41
161325	12	22	7/30	0.010"	0.025"	0.260"	45	59
161400	20	22	7/30	0.010"	0.025"	0.318"	45	112
162000	2	20	7/28	0.010"	0.020"	0.153"	50	24
162100	3	20	7/28	0.010"	0.020"	0.165"	50	26
162152	4	20	7/28	0.010"	0.020"	0.180"	50	30
162155	5	20	7/28	0.010"	0.020"	0.200"	50	34
162160	6	20	7/28	0.010"	0.020"	0.212"	50	38
163000	2	18	7/26	0.018"	0.028"	0.220"	24	28
163004	2	18	7/26	0.010"	0.020"	0.168"	57	27
163100	3	18	7/26	0.010"	0.020"	0.185"	57	33
163200	4	18	7/26	0.010"	0.020"	0.201"	54	42
163204	5	18	7/26	0.010"	0.020"	0.220"	57	51
163205	6	18	7/26	0.010"	0.020"	0.250"	57	54
163218	8	18	7/26	0.010"	0.025"	0.290"	57	83
163221	12	18	7/26	0.010"	0.025"	0.327"	57	100
164000**	2	16	19/29	0.032"	0.032"	0.310"	23	35
164004	2	16	19/29	0.010"	0.020"	0.191"	67	34
164010	4	16	19/29	0.010"	0.020"	0.239"	67	55
165000*‡	2	14	19/27	0.014"	0.025"	0.247"	63	57
165002	2	14	19/27	0.014"	0.025"	0.247"	63	57
165005**	2	14	19/27	0.032"	0.032"	0.340"	24	58
165010	4	14	19/27	0.014"	0.025"	0.297"	63	60
165100*‡	2	12	19/25	0.014"	0.025"	0.290"	71	90
165102	2	12	19/25	0.014"	0.025"	0.290"	71	90
165110	4	12	19/25	0.014"	0.025"	0.335"	71	110

NOTE: All cables use Color Code Chart 1 on page 7-17, unless noted otherwise.

* Available in different jacket colors.

** PE insulation, color code Black/Clear.

‡ Refer to Color Code Chart 2 on page 7-17.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

Multi-Conductor, Overall Shielded Plenum



Features

- Solid or stranded bare copper
- Color-coded, low-smoke, flame-retardant polymer alloy insulation
- 100% aluminum/polyester foil shield
- Tinned copper drain wire
- White, low-smoke, flame-retardant polymer alloy jacket
- NEC® Article 725 or 800
- UL® Listed CMP, 14 and 12 AWG CL2P or CL3P

General use in air plenums without conduit for:

- Security systems
- Sound and audio
- Data, control and instrumentation



MFR. PART NO.	NO. OF CONDUCTORS	AWG	STRAND	NOMINAL INSULATED THICKNESS	NOMINAL JACKET THICKNESS	NOMINAL O.D.	NOMINAL CAP PF/FT	PACKAGE WEIGHT LBS/1,000'
110095	2	22	Solid	0.008"	0.015"	0.130"	44	15
110097	3	22	Solid	0.010"	0.015"	0.135"	45	20
130778	4	22	Solid	0.008"	0.015"	0.150"	44	24
110100	2	22	7/30	0.010"	0.015"	0.127"	45	15
110150	3	22	7/30	0.010"	0.015"	0.138"	45	18
110200	4	22	7/30	0.010"	0.015"	0.150"	45	20
110253	6	22	7/30	0.010"	0.015"	0.180"	45	27
110275	8	22	7/30	0.010"	0.015"	0.190"	45	36
110803	12	22	7/30	0.010"	0.015"	0.240"	45	47
110830	16	22	7/30	0.010"	0.015"	0.270"	45	56
110840	25	22	7/30	0.010"	0.015"	0.327"	45	112
111000	2	20	7/28	0.010"	0.015"	0.143"	50	19
111009	3	20	7/28	0.010"	0.015"	0.155"	50	21
111020	4	20	7/28	0.010"	0.015"	0.170"	50	29
111035	5	20	7/28	0.010"	0.015"	0.190"	50	31
111038	6	20	7/28	0.010"	0.015"	0.202"	50	41
112000	2	18	7/26	0.010"	0.015"	0.158"	57	27
112050	3	18	7/26	0.010"	0.015"	0.175"	57	29
112100	4	18	7/26	0.010"	0.015"	0.191"	57	35
112150	6	18	7/26	0.010"	0.015"	0.240"	57	55
112165	8	18	7/26	0.010"	0.015"	0.270"	57	63
112170	12	18	7/26	0.010"	0.020"	0.317"	57	90
113000	2	16	19/29	0.010"	0.015"	0.181"	67	35
113006	4	16	19/29	0.010"	0.015"	0.229"	67	53
113302	2	14	19/27	0.012"	0.015"	0.227"	68	55
113303‡	2	14	19/27	0.012"	0.015"	0.227"	68	55
113308	4	14	19/27	0.012"	0.015"	0.277"	68	62
113405‡	2	12	19/25	0.012"	0.015"	0.260"	76	67
113406	2	12	19/25	0.012"	0.015"	0.260"	76	67
113408	4	12	19/25	0.012"	0.015"	0.310"	76	108

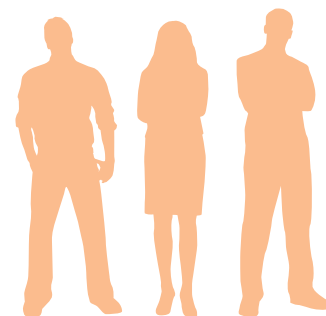
NOTE: All cables use Color Code Chart 1 on page 7-17, unless noted otherwise.

‡ Refer to Color Code Chart 2 on page 7-17.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

Are You Trying to Find a
Permanent Solution
 to Your IP Networking Problems?

To contact your local CSC office,
 call 1.877.462.7279.



Multi-Pair, Individually Shielded Non-Plenum

Features

- Solid or stranded bare copper; color-coded PVC insulation
- Each pair individually shielded with 100% aluminum/polyester foil shield
- Tinned copper drain wire for each individually shielded pair
- Grey PVC jacket
- NEC® Article 800; UL® Listed CM or CMR



General use indoors for:

- Security systems
- Sound and audio
- Data, control and instrumentation



MFR. PART NO.	NO. OF PAIRS	AWG	STRAND	NOMINAL INSULATED THICKNESS	NOMINAL JACKET THICKNESS	NOMINAL O.D.	NOMINAL CAP PF/FT	PACKAGE WEIGHT LBS/1,000'
171030	2	22	Solid	0.008"	0.015"	0.200"	44	27
171031	3	22	Solid	0.008"	0.015"	0.210"	44	45
171032	6	22	Solid	0.008"	0.015"	0.287"	44	82
171033	9	22	Solid	0.008"	0.020"	0.335"	44	105
171005+*	2	22	7/30	0.010"	0.020"	0.218"	45	28
171000+**	2	22	7/30	0.008"	0.020"	0.208"	35	32
171145	2	22	7/30	0.010"	0.020"	0.218"	45	32
171150	3	22	7/30	0.010"	0.020"	0.234"	45	45
171200	4	22	7/30	0.010"	0.025"	0.262"	45	54
171400	6	22	7/30	0.010"	0.025"	0.315"	45	80
171557	9	22	7/30	0.010"	0.025"	0.370"	45	105
171560	12	22	7/30	0.010"	0.025"	0.418"	45	120
171570	19	22	7/30	0.010"	0.025"	0.689"	45	220
171580	27	22	7/30	0.010"	0.025"	0.760"	45	285
172000+	2	20	7/28	0.010"	0.020"	0.220"	50	46
172065	3	20	7/28	0.010"	0.020"	0.278"	50	60
172075	4	20	7/28	0.010"	0.020"	0.318"	50	72
173292	2	18	7/26	0.010"	0.025"	0.279"	57	56
173302	3	18	7/26	0.010"	0.025"	0.297"	57	85
173310	4	18	7/26	0.010"	0.025"	0.326"	57	115
173316	6	18	7/26	0.010"	0.025"	0.393"	57	155

NOTE: All cables use Color Code Chart 3 on page 7-17 unless noted otherwise.

* Plus auxiliary overall shield cabled on a common axis with a single common drain wire.

** Polypropylene insulation cabled on a common axis with a common drain wire.

+ Color code Black/Red-White/Green.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

Multi-Pair, Individually Shielded Plenum

Features

- Stranded bare copper
- Color-coded, low-smoke, flame-retardant polymer alloy insulation
- 100% aluminum/polyester foil shield
- Tinned copper drain wire for each individually shielded pair
- White, low-smoke, flame-retardant polymer alloy jacket
- NEC® Article 800; UL® Listed CMP



General use in air plenums without conduit for:

- Security systems
- Sound and audio
- Data, control and instrumentation



MFR. PART NO.	NO. OF PAIRS	AWG	STRAND	NOMINAL INSULATED THICKNESS	NOMINAL JACKET THICKNESS	NOMINAL O.D.	NOMINAL CAP PF/FT	PACKAGE WEIGHT LBS/1,000'
111100*+	2	22	7/30	0.010"	0.015"	0.212"	45	21
111192	2	22	7/30	0.010"	0.015"	0.208"	45	21
111194*	2	22	7/30	0.010"	0.015"	0.208"	45	21
111210	3	22	7/30	0.010"	0.015"	0.224"	45	40
111302	4	22	7/30	0.010"	0.015"	0.242"	45	45
111402	6	22	7/30	0.010"	0.015"	0.295"	45	65
111413	9	22	7/30	0.010"	0.015"	0.350"	45	78
111421	12	22	7/30	0.010"	0.015"	0.398"	45	82
111027*	2	20	7/28	0.010"	0.015"	0.210"	50	36
112102*	2	18	7/26	0.010"	0.015"	0.259"	57	39
112195	2	18	7/26	0.010"	0.015"	0.259"	57	39
112152*	3	18	7/26	0.010"	0.015"	0.277"	57	50
112203	3	18	7/26	0.010"	0.015"	0.227"	57	50
112210	4	18	7/26	0.010"	0.015"	0.310"	57	76
112217	6	18	7/26	0.010"	0.015"	0.373"	57	105

NOTE: All cables use Color Code Chart 3 on page 7-17 unless noted otherwise.

* Color code Black/Red-White/Green-Brown/Blue.

+ Plus auxiliary overall shield cabled on a common axis with a single common drain wire.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

Multi-Pair, Overall Shielded Plenum

Features

- Stranded tinned copper
- Color-coded, fluorinated ethylene propylene (TEFLON®) insulation
- 100% aluminum/polyester foil shield; tinned copper drain wire
- NEC® Article 725 or 800; UL® Listed CL2P

General use in air plenums without conduit for:

- RS 232/422/485
- Modems
- Multiplexers
- CAD/CAM



MFR. PART NO.	NO. OF PAIRS	AWG STRAND	NOMINAL INSULATED THICKNESS	NOMINAL JACKET THICKNESS	NOMINAL O.D.	NOMINAL CAP PF/FT	NOMINAL IMP OHMS	NOMINAL D.C.R. OHMS/1000	NOMINAL VEL OF PROP
110050	1	24 - 7/32	0.010"	0.015"	0.145"	15	100	23.3	71%
110060	2	24 - 7/32	0.010"	0.015"	0.172"	15	100	23.3	71%
110070	3	24 - 7/32	0.010"	0.015"	0.183"	15	100	23.3	71%
110072	4	24 - 7/32	0.010"	0.015"	0.201"	15	100	23.3	71%
110076	6	24 - 7/32	0.010"	0.015"	0.235"	15	100	23.3	71%

NOTE: Also available double-shielded, aluminum/polyester foil plus tinned copper braid shield; contact your local CSC Representative. For color code, contact your local CSC Representative.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

cable & connectivity

7

CONDUIT CAPACITY CHART

Conduit Trade Size *	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5
I.D., Inches	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	3.548	4.026	4.506	5.047
O.D., Inches-Conduit	0.840	1.050	1.315	1.660	1.900	2.375	2.875	3.500	4.000	4.500	5.000	5.563
O.D., Inches-EMT	0.760	0.922	1.163	1.510	1.740	2.197	—	—	—	—	—	—
Internal Area, Sq.In.	0.304	0.533	0.864	1.496	2.036	3.356	4.788	7.393	9.887	12.730	15.947	20.006
Permissible Fill, Sq.In. **	0.12	0.21	0.35	0.60	0.81	1.34	1.92	2.96	3.95	5.09	6.38	8.0

O.D., in.	Area, sq. in.	15	27	44	76	103	170	243	376	503	648	812	1018
0.100	0.008	15	27	44	76	103	170	243	376	503	648	812	1018
0.125	0.012	9	17	28	48	66	109	156	240	322	414	519	652
0.150	0.018	6	12	19	33	46	75	108	167	223	288	360	452
0.175	0.024	5	8	14	24	33	55	79	122	164	211	265	332
0.200	0.031	3	6	11	19	25	42	60	94	125	162	203	254
0.225	0.040	3	5	8	15	20	33	48	74	99	128	160	201
0.250	0.049	2	4	7	12	16	27	39	60	80	103	129	163
0.275	0.059	2	3	5	10	13	22	32	49	66	85	107	134
0.300	0.071	1	3	4	8	11	18	27	41	55	72	90	113
0.325	0.083	1	2	4	7	9	16	23	35	47	61	76	96
0.350	0.096	1	2	3	6	8	13	19	30	41	52	66	83
0.375	0.110	1	1	3	5	7	12	17	26	35	46	57	72
0.400	0.126	0	1	2	4	6	10	15	23	31	40	50	63
0.425	0.142	0	1	2	4	5	9	13	20	27	35	44	56
0.450	0.159	0	1	2	3	5	8	12	18	24	32	40	50
0.475	0.177	0	1	1	3	4	7	10	16	22	28	35	45
0.500	0.196	0	1	1	3	4	6	9	15	20	25	32	40
0.525	0.216	0	0	1	2	3	6	8	13	18	23	29	36
0.550	0.238	0	0	1	2	3	5	8	12	16	21	26	33
0.575	0.260	0	0	1	2	3	5	7	11	15	19	24	30
0.600	0.283	0	0	1	2	2	4	6	10	13	18	22	28
0.625	0.307	0	0	1	1	2	4	6	9	12	16	20	26
0.650	0.332	0	0	1	1	2	4	5	8	11	15	19	24
0.675	0.358	0	0	0	1	2	3	5	8	11	14	17	22
0.700	0.385	0	0	0	1	2	3	4	7	10	13	16	20
0.725	0.413	0	0	0	1	1	3	4	7	9	12	15	19
0.750	0.442	0	0	0	1	1	3	4	6	8	11	14	18
0.775	0.472	0	0	0	1	1	2	4	6	8	10	13	16
0.800	0.503	0	0	0	1	1	2	3	5	7	10	12	15
0.825	0.535	0	0	0	1	1	2	3	5	7	9	11	14
0.850	0.567	0	0	0	1	1	2	3	5	6	8	11	14
0.875	0.601	0	0	0	0	1	2	3	4	6	8	10	13
0.900	0.636	0	0	0	0	1	2	3	4	6	8	10	12
0.925	0.672	0	0	0	0	1	1	2	4	5	7	9	11
0.950	0.709	0	0	0	0	1	1	2	4	5	7	8	11
0.975	0.747	0	0	0	0	1	1	2	3	5	6	8	10
1.000	0.785	0	0	0	0	1	1	2	3	5	6	8	10
1.025	0.825	0	0	0	0	1	2	3	4	6	7	9	11
1.050	0.866	0	0	0	0	1	2	3	4	5	7	9	11

* Table developed for steel or aluminum alloy conduit. ** Permissible occupied area based on the NEC prescribed 40% fill factor for 3 or more cables. NOTE: A single cable is permitted to occupy 53% and two cables are limited to 31% conduit fill.

Color Code Chart 1

Cond. No.	Color	Cond. No.	Color	Cond. No.	Color
1	Black	11	Pink	21	White/Grey
2	Red	12	Tan	22	Black/Red
3	White	13	White/Black	23	Black/Green
4	Green	14	White/Red	24	Black/Yellow
5	Brown	15	White/Green	25	Black/Blue
6	Blue	16	White/Orange	26	Black/Brown
7	Orange	17	White/Blue	27	Black/Orange
8	Yellow	18	White/Brown	28	Black/Grey
9	Purple	19	White/Yellow	29	Black/Purple
10	Grey	20	White/Purple	30	Red/Green

Color Code Chart 2

Cond. No.	Color	Cond. No.	Color	Cond. No.	Color
1	Black	8	Red/Black	15	Blue/White
2	White	9	Green/Black	16	Black/Red
3	Red	10	Orange/Black	17	White/Red
4	Green	11	Blue/Black	18	Orange/Red
5	Orange	12	Black/White	19	Blue/Red
6	Blue	13	Red/White	20	Red/Green
7	White/Black	14	Green/White	21	Orange/Green

Color Code Chart 3

Cond. No.	Color	Cond. No.	Color
1	Black/Red-Red	15	Green/Blue-Blue
2	Black/White-White	16	Green/Yellow-Yellow
3	Black/Green-Green	17	Green/Brown-Brown
4	Black/Blue-Blue	18	Green/Orange-Orange
5	Black/Yellow-Yellow	19	White/Blue-Blue
6	Black/Brown-Brown	20	White/Yellow-Yellow
7	Black/Orange-Orange	21	White/Brown-Brown
8	Red/White-White	22	White/Orange-Orange
9	Red/Green-Green	23	Blue/Yellow-Yellow
10	Red/Blue-Blue	24	Blue/Brown-Brown
11	Red/Yellow-Yellow	25	Blue/Orange-Orange
12	Red/Brown-Brown	26	Brown/Yellow-Yellow
13	Red/Orange-Orange	27	Brown/Orange-Orange
14	Green/White-White		

CONDUIT CAPACITY CHART

Conduit Trade Size *	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	3-1/2	4	4-1/2	5
I.D., Inches	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	3.548	4.026	4.506	5.047
O.D., Inches-Conduit	0.840	1.050	1.315	1.660	1.900	2.375	2.875	3.500	4.000	4.500	5.000	5.563
O.D., Inches-EMT	0.760	0.922	1.163	1.510	1.740	2.197	—	—	—	—	—	—
Internal Area, Sq.In.	0.304	0.533	0.864	1.496	2.036	3.356	4.788	7.393	9.887	12.730	15.947	20.006
Permissible Fill, Sq.In. **	0.12	0.21	0.35	0.60	0.81	1.34	1.92	2.96	3.95	5.09	6.38	8.0

O.D., in.	Area, sq. in.	0	0	0	0	0	1	2	3	4	5	7	8
1.075	0.908	0	0	0	0	0	1	2	3	4	5	7	8
1.100	0.950	0	0	0	0	0	1	2	3	4	5	6	8
1.125	0.994	0	0	0	0	0	1	1	2	3	5	6	8
1.150	1.039	0	0	0	0	0	1	1	2	3	4	6	7
1.175	1.084	0	0	0	0	0	1	1	2	3	4	5	7
1.200	1.131	0	0	0	0	0	1	1	2	3	4	5	7
1.225	1.179	0	0	0	0	0	1	1	2	3	4	5	6
1.250	1.277	0	0	0	0	0	1	1	2	3	4	5	6
1.275	1.227	0	0	0	0	0	1	1	2	3	3	4	6
1.300	1.327	0	0	0	0	0	1	1	2	2	3	4	6
1.325	1.379	0	0	0	0	0	1	2	2	3	4	5	5
1.350	1.431	0	0	0	0	0	1	2	2	3	4	5	5
1.375	1.485	0	0	0	0	0	1	1	2	3	4	5	5
1.400	1.539	0	0	0	0	0	1	1	2	3	4	5	5
1.425	1.595	0	0	0	0	0	1	1	2	3	3	5	5
1.450	1.651	0	0	0	0	0	1	1	2	3	3	4	4
1.475	1.709	0	0	0	0	0	1	1	2	2	3	4	4
1.500	1.767	0	0	0	0	0	1	1	2	2	3	4	4
1.525	1.827	0	0	0	0	0	1	1	2	2	3	4	4
1.550	1.887	0	0	0	0	0	1	1	2	2	3	4	4
1.575	1.948	0	0	0	0	0	1	2	2	3	4	4	4
1.600	2.011	0	0	0	0	0	1	1	2	2	3	3	3
1.625	2.074	0	0	0	0	0	1	1	2	3	3	3	3
1.650	2.138	0	0	0	0	0	1	1	2	2	3	3	3
1.675	2.204	0	0	0	0	0	1	1	2	2	3	3	3
1.700	2.270	0	0	0	0	0	1	1	2	2	3	3	3
1.725	2.337	0	0	0	0	0	1	1	2	2	3	3	3
1.750	2.405	0	0	0	0	0	1	1	2	2	3	3	3
1.775	2.474	0	0	0	0	0	1	1	2	2	3	3	3
1.800	2.545	0	0	0	0	0	1	1	2	2	3	3	3
1.825	2.616	0	0	0	0	0	1	1	1	2	3	3	3
1.850	2.688	0	0	0	0	0	1	1	1	2	2	2	2
1.875	2.761	0	0	0	0	0	1	1	1	2	2	2	2
1.900	2.835	0	0	0	0	0	1	1	1	2	2	2	2
1.925	2.910	0	0	0	0	0	1	1	1	2	2	2	2
1.950	2.986	0	0	0	0	0	1	1	1	2	2	2	2
1.975	3.064	0	0	0	0	0	1	1	1	2	2	2	2
2.000	3.142	0	0	0	0	0	1	1	1	2	2	2	2

* Table developed for steel or aluminum alloy conduit. ** Permissible occupied area based on the NEC prescribed 40% fill factor for 3 or more cables. Note: A single cable is permitted to occupy 53% and two cables are limited to 31% conduit fill.

CCTV Coaxial Non-Plenum

Features

- UL® Listed CM
- Black PVC jacket

General use

- CCTV
- Broadcast



MFR PART NO.	DESCRIPTION	AWG STRAND TYPE	DIELECTRIC DIELECTRIC O.D.	SHIELD MATERIAL	NOMINAL O.D.	NOMINAL ATTEN DB/100		NOMINAL IMP PHMS	NOMINAL VEL OF PROP	NOMINAL CAP PF/FT
212070	MINI	25 Solid BC	FPE 0.100"	95% BC Braid	0.135"	50 100	3.6 5.3	75	78%	17.5
211000	RG59/U	22 Solid CCS	PE 0.144"	95% BC Braid	0.242"	50 100 200 400 900	2.4 3.4 4.8 7.1 10.9	73	66%	21.0
212060	RG59/U FLEX	22 7/30 BC	FPE 0.146"	95% BC Braid	0.242"	50 100 200 400 900	2.1 3.0 4.5 6.6 10.1	75	78%	17.3
212065*	PREC VIDEO NON UL	22 Solid BC	PE 0.198"	2-98% BC Braid	0.305"	1 10 50 100 400	0.25 0.78 1.50 2.70 5.30	75	66%	21.0
212053**	RG59/U	20 Solid BC	FPE 0.146"	95% BC Braid	0.242"	50 100 200 400 700	1.8 2.5 3.4 5.4 6.9	75	78%	17.0
211010	RG6/U	18 Solid BC	FPE 0.182"	95% BC Braid	0.278"	10 50 100 400 900	0.64 1.5 2.1 4.9 6.9	75	78%	17.3
211300	RG11/U	14 Solid BC	FPE 0.285"	95% BC Braid	0.405"	50 100 200 400 700	1.0 1.6 2.3 3.8 4.7	75	78%	17.0

* Black polyethylene jacket.

** Available in different jacket colors; contact your local CSC Representative.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

CCTV UTP

For use with CCTV over UTP

General use:

- CCTV



MFR. PART NO.	AWG STRAND TYPE	PAIRS/CONDUCTOR	DESCRIPTION	UL® RATING
590315	24 Solid/16 Stranded	2 Pair/2 Conductor	Category 5e (Video/PTZ/Power)	CL2R
590319	24 Solid/16 Stranded	2 Pair/2 Conductor	Category 5e (Video/PTZ/Power)	CL2P
747841	24 Solid/16 Stranded	2 Pair/2 Conductor	Category 5e (Video/PTZ/Power)	Outdoor Rated

24 AWG 2-Pair Cable white/blue-blue/white; white/orange-orange/white.

PVC and Plenum — 16 AWG cable white/red.

Outdoor Rated — 16 AWG cable black/red.

CCTV Siamese Non-Plenum

Features

- UL® Listed CL2 and/or CM
- PVC jacket (212305 – BLK, 592000 – GRY)

General use indoors for:

- CCTV DC Power & PTZ



MFR. PART NO.	DESCRIPTION	AWG STRAND TYPE	INSULATION	SHIELD MATERIAL	NOMINAL O.D.	NOMINAL ATTEN DB/100		NOMINAL IMP OHMS	NOMINAL VEL OF PROP	NOMINAL CAP PF/FT
212305*	RG59/U	20 SOL BC	FPE/0.144" O.D.	95% BC BRAID	0.242" x 0.460"	50	1.8	75	78%	17.0
	1 Pair**	18 BC 7/26	PVC/0.010" Thick	None		100	2.5			
592000	RG59/U	20 SOL BC	FPE/0.144" O.D.	95% BC BRAID	0.320" x 0.450"	50	1.8	75	78%	17.0
	1 Pair**	18 BC 7/26	PVC/0.010" Thick	None		100	2.5			
	2 Pair†	22 BC 7/30	PVC/0.010" Thick	Each Pair Shielded						

* Available in different jacket colors.

** Color Code • Black/Red.

† Black/Red • White/Green.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

CCTV Siamese Outdoor with Messenger

Features

- Black polyethylene jacket
- Non UL®
- 14 AWG CCS Messenger

General use for:

- Outdoor CCTV



MFR. PART NO.	DESCRIPTION	AWG STRAND TYPE	INSULATION	SHIELD MATERIAL	NOMINAL O.D.	NOMINAL ATTEN DB/100		NOMINAL IMP OHMS	NOMINAL VEL OF PROP	NOMINAL CAP PF/FT
211015	RG6/U	18 SOL BC	FPE/0.180" O.D.	95% BC BRAID	0.270" x 0.680"	10	0.08	75	78%	17.0
	1 Pair	16 BC 19/29	PVC/0.010" O.D.	None		50	1.46			

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

CCTV Outdoor

- Includes moisture-blocking agent



MFR. PART NO.	DESCRIPTION	AWG STRAND TYPE	INSULATION	SHIELD MATERIAL	NOMINAL O.D.	NOMINAL ATTEN DB/100		NOMINAL IMP OHMS	NOMINAL VEL OF PROP	NOMINAL CAP PF/FT
211301	RG59/U	20 SOLID BC	FPE 0.146"	95% BC BRAID	0.242"	50	1.8	75	78%	17.5
						100	2.5			
						200	3.4			
						400	5.4			
						700	6.9			
211011	RG6/U	18 SOLID BC	FPE 0.182"	95% BC BRAID	0.278"	10	0.64	75	78%	17.3
						50	1.5			
						100	2.1			
						400	4.9			
						900	6.9			
211098	RG11/U	14 SOLID BC	FPE 0.285"	95% BC BRAID	0.405"	50	1.0	75	78%	17.3
						100	1.6			
						200	2.3			
						400	3.8			
						700	4.7			
791224	RG6/U**	18 SOLID BC	FPE 0.182"	95% BC BRAID	0.278"			75	78%	17.3
	1 Pair**	18 BC 7/26	PVC/ 0.010" Thick	None	0.525"					

** Overall/jacketed

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

CCTV Plenum

Features

- UL® Listed CL2P and/or CMP
- White polymer alloy PVC jacket
- 75 ohm
- 82% nominal velocity of propagation

General use in air plenums without conduit for:

- CCTV and Broadcast



MFR. PART NO.	DESCRIPTION	AWG STRAND TYPE	INSULATION	SHIELD MATERIAL	NOMINAL O.D.	NOMINAL ATTEN		NOMINAL IMP OHMS	NOMINAL VEL OF PROP	NOMINAL CAP PF/FT
						MHZ	DB/100			
221170	MINI	25 SOLID BC	FFEP 0.078"	95% BC BRAID	0.146"	1	0.5	75	82%	17.0
						5	1.3			
						10	1.8			
						50	3.6			
						100	5.3			
221105	RG59/U	20 SOLID BC	FFEP 0.140"	95% BC BRAID	0.202"	50	1.8	75	82%	16.5
						100	2.6			
						200	3.8			
						400	5.6			
						900	9.4			
220400	RG6/U	18 SOLID BC	FFEP 0.168"	95% BC BRAID	0.238"	50	1.5	75	82%	17.0
						100	2.0			
						200	3.0			
						500	5.2			
						700	6.0			
220500*	RG11/U	14 SOLID BC	FFEP 0.280"	95% BC BRAID	0.348"	50	0.9	75	82%	16.5
						100	1.4			
						200	2.2			
						400	3.6			
						700	4.6			

* Copolymer jacket

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

CCTV Siamese Plenum

Features

- UL® Listed CL2P and/or CMP
- White polymer alloy PVC jacket

General use in air plenums without conduit for:

- CCTV, DC Power and PTZ



MFR. PART NO.	DESCRIPTION	AWG STRAND TYPE	INSULATION	SHIELD MATERIAL	NOMINAL O.D.	NOMINAL ATTEN		NOMINAL IMP OHMS	NOMINAL VEL OF PROP	NOMINAL CAP PF/FT
						MHZ	DB/100			
221125	RG59/U	20 SOL BC	FFEP/0.140" O.D.	95% BC BRAID	0.202" x 0.355"	50	1.8	75	78%	16.5
	1 Pair **	18 BC 7/26	PVC/0.010" Thick	None		100	2.6			
592002	RG59/U	20 SOL BC	FFEP/0.140" O.D.	95% BC BRAID	0.225" x 0.430"	50	1.8	75	78%	16.5
	1 Pair **	18 BC 7/26	PVC/0.010" Thick	None		100	2.6			
	2 Pair†	22 BC 7/30	PVC/0.010" Thick	Each Pair Shielded						

** Color Code • Black/Red.
†Black/Red • White/Green.

All Part Numbers listed are shipped on 1,000' reels. For boxes, see our ReelSimple product line on pages 7-8 – 7-9.

Industry Leading Manufacturers...

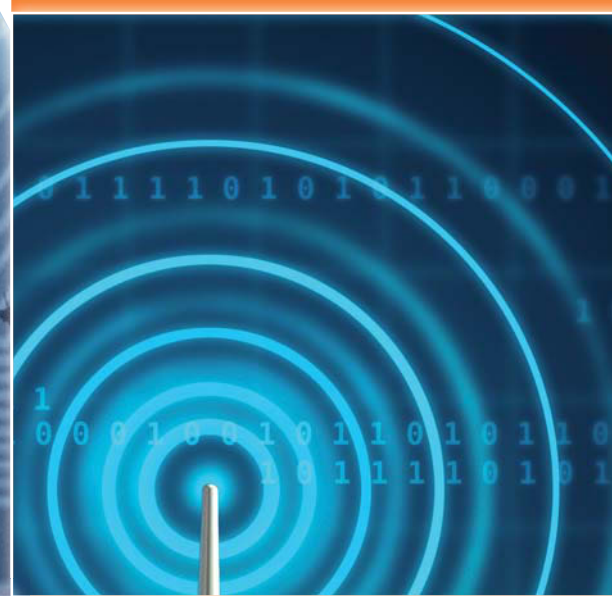


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Wireless

- Wireless Access
- Points & Accessories 8-2 – 8-4
- Switches & Controllers 8-5
- Video Transmission 8-6 – 8-8
- Boxes & Enclosures 8-9



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HotPoint Wireless Access Points

- 802.11 a/b/g/n client access
- Modular design for integration with a Firetide mesh network (see page 8-8)
- Advanced security: WPA2, WEP, AES
- Standalone or controller-based operation and management



MFR. PART NO.	DESCRIPTION
4100	Indoor, 802.11 b/g, Up to 4 SSIDs and 32 Concurrent Users
5100	Indoor, 802.11 a/b/g/n, Dual-Radio, Up to 16 SSIDs and 128 Concurrent Users
5200	Outdoor, 802.11 a/b/g/n, Dual-Radio, Up to 16 SSIDs and 128 Concurrent Users

Firetide WLAN Controllers

- Simple, flexible and ready to deploy
- 4 GigE 10/100/1000-Mbps ports
- Advanced security 802.11i, WPA2, 802.1x
- Easy scaling through stacking



MFR. PART NO.	DESCRIPTION
FWC-2000	Firetide WLAN Controller for 50 Access Points (expandable up to 150 access points)
FWC-1000	Firetide WLAN Controller for up to 50 Access Points and 1000 Wi-Fi Clients



wireless
8

NETGEAR® ProSafe® Wireless Access Points

- Reliable, affordable and simple wireless infrastructure
- Support up to 150 access points and thousands of clients
- Seamless roaming and self-healing RF capabilities
- Lifetime warranty



MFR. PART NO.	DESCRIPTION
WNDAP360	ProSafe Dual Band Wireless-N Access Point — up to 15x the Speed and 10x the Coverage of 802.11a, 802.11g Networks, Stylish Elegant Design
WNDAP350	ProSafe Dual Band Wireless-N Access Point — up to 15x the Speed and 10x the Coverage of 802.11a, 802.11g Networks
WNAP320	ProSafe Wireless-N Access Point — up to 15x the Speed and 10x the Coverage of 802.11g Networks, Stylish Elegant Design
WNAP210	ProSafe Wireless-N Access Point — up to 15x the Speed and 10x the Coverage of 802.11g Networks
WG103	ProSafe 802.11G Wireless Access Point — High-Speed IEEE 802.11g, up to 108 Mbps in Turbo Mode
WAG102	ProSafe Dual Band Wireless Access Point — High-Speed Connectivity, up to 108 Mbps in Turbo Mode, on Both Bands



Ceiling-Mounted Universal Access Point Enclosures

Oberon's 105X series ceiling-mounted wireless access point enclosures are ideal for conveniently and aesthetically securing WAPs in suspended ceiling environments. This series accommodates WAPs from most vendors.



Features

- 2' x 2' locking ceiling tile enclosure; fits into standard suspended ceiling systems
- Attractive, white, powder-coated finish
- UL® Listed; designed to NEC® paragraphs 300.22 and 23 for use in plenum space
- OSHPD Approved
- Interchangeable doors permit simple migration to new WAPs, antennas and technologies

Benefits

- Simplify NEC Code compliance; plenum-rated enclosures eliminate poke-throughs in ceiling tiles
- Simplify compliance with Infection Control Risk Assessment (ICRA) procedures in health care
- Simplify regulation compliance (PCI in retail, FIPS in federal government)
- Aesthetic, professional installation
- Minimize wireless downtime and interruptions



MFR. PART NO.	DESCRIPTION
1052-00	2' x 2' Ceiling Enclosure; Standard Door with Holes for 6 Antennas
1052-CCOAP	2' x 2' Ceiling Enclosure; Door is Designed to Secure Cisco 1140/1260/3500/3600 Series WAPs
1052-CCOANT	2' x 2' Ceiling Enclosure; Door is Designed to Secure Cisco AIR-ANT2451NV-R 6-in-1 Antenna
1052-HFHS-N	2' x 2' Ceiling Enclosure; Door is Designed to Secure Oberon MIMO 3-in-1 Dual Band Antenna
1052-ENT3610	2' x 2' Ceiling Enclosure; Door is Designed to Secure Enterasys 3610 WAP
1052-AP105	2' x 2' Ceiling Enclosure; Door is Designed to Secure Aruba Networks AP-105
1052-AP135	2' x 2' Ceiling Enclosure; Door is Designed to Secure Aruba Networks AP-135
1055-AN	2' x 2' Ceiling Enclosure; Door has 9" Diameter, 4.5" Deep, Impact-Resistant, UL Classified, White ABS Dome
1057-00	2' x 2' Ceiling Enclosure; Door has 12" x 12" x 2" Deep, Impact-Resistant, UL Classified, White ABS Dome
1059-00	2' x 2' Ceiling Enclosure; Door has 14" x 14" x 4" Deep, Impact-Resistant, UL Classified, White ABS Dome
1059-MIMO	2' x 2' Ceiling Enclosure; Door has Mounting Features for 2 Oberon 3-in-1 MIMO Antennas

Wall-Mounted Wireless Access Point Enclosures

Oberon's 102X and 103X series wall-mounted wireless access point locking mounts are ideal for conveniently and aesthetically securing WAPs on or in walls. This series accommodates WAPs from most vendors.



Features

- Steel, impact-resistant UL® Classified ABS and polycarbonate construction; locking
- Attractive, white, powder-coated finish; NEMA enclosures are light grey
- Accommodates access points from most suppliers
- Approved in Cisco Developer Network catalog
- NEMA 4X rated for indoor/outdoor applications

Benefits

- Simplify NEC Code compliance; plenum-rated enclosures eliminate poke-throughs in ceiling tiles
- Simplify regulation compliance (PCI in retail, FIPS in federal government)
- Aesthetic, professional installation
- Minimize wireless downtime and interruptions



MFR. PART NO.	DESCRIPTION
1021-00	NEMA 4X Polycarbonate Enclosure for Wireless Access Points, Indoor/Outdoor, Screw-on Cover
1026-00	NEMA 4X Polycarbonate Enclosure for Wireless Access Points, Indoor/Outdoor, Hinged, Lockable Door
1027-00	Locking, Recess Wall Mount Wireless Access Point Enclosure for Most Suppliers' Wireless Access Points
1029-00	Right-Angle Wall Bracket for Most Suppliers' Wireless Access Points
1030-00	Locking, Surface Wall Mount Wireless Access Point Enclosure, Door Has 12" x 12" x 2" Deep, Impact-Resistant, UL Classified, White ABS Dome
1032-00	Locking, Surface Wall Mount Wireless Access Point Enclosure with 11" x 11" x 2" Deep, Impact-Resistant, UL Classified, White ABS Cover
1032-C	Locking, Surface Wall Mount Wireless Access Point Enclosure with 11" x 11" x 2" Deep, Impact-Resistant, UL Classified, Clear Polycarbonate Cover
1034-00	Locking, Recess Wall Mount Wireless Access Point Enclosure, Door Has 12" x 12" x 2" Deep, Impact-Resistant, UL Classified, White ABS Dome

Retrofit/Adapter Doors for Oberon Wireless Access Point Enclosures

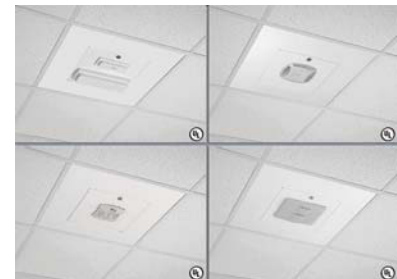
Oberon's 38-X Series gives existing customers the cost-effective option of installing new access points, antennas and technologies, without removing the existing enclosure from the ceiling.

Features

- Installs into Oberon Model 1052-00 2' x 2' locking ceiling tile enclosures
- Attractive, white, powder-coated finish
- UL® Listed, designed to NEC paragraphs 300.22 and 23 for use in plenum space
- OSHPD Approved

Benefits

- Simplify upgrades to new access points, antennas and technologies
- Reduce upgrade costs and labor by keeping existing enclosure
- Help to future-proof network installations
- Aesthetic, professional installation
- Minimize wireless downtime and interruptions



MFR. PART NO.	DESCRIPTION
38-52-CCOANT	Oberon Model 1052 Retrofit Door for Cisco Antennas
38-52-CCOAP	Oberon Model 1052 Retrofit Door for Cisco 1140/3500/3600 Wireless Access Points
38-52-ENT3610	Oberon Model 1052 Retrofit Door for Enterasys3610 Wireless Access Points
38-52-AP105	Oberon Model 1052 Retrofit Door for Aruba Networks AP105 Wireless Access Points
38-52-AP135	Oberon Model 1052 Retrofit Door for Aruba Networks AP135 Wireless Access Points

Ceiling-Mounted Wireless Access Point Locking Mounts

Oberon's 106X series ceiling-mounted wireless access point locking mounts are ideal for conveniently and aesthetically securing WAPs in suspended ceiling environments. This series accommodates WAPs from most vendors.



Features

- 2' x 2' locking ceiling tile enclosures; fits into standard suspended ceiling systems
- Attractive, white, powder-coated finish
- UL® Listed, designed to NEC® paragraphs 300.22 and 23 for use in plenum space
- OSHPD Approved
- Model 1068-00 has interchangeable mounting brackets for most suppliers' WAPs

Benefits

- Simplify NEC Code compliance; plenum-rated mounting solutions eliminate poke-throughs in ceiling tiles
- Simplify compliance with Infection Control Risk Assessment (ICRA) procedures in health care
- Simplify regulation compliance (PCI in retail, FIPS in federal government)
- Aesthetic, professional installation
- Minimize wireless downtime and interruptions



MFR. PART NO.	DESCRIPTION
Model 1060-00	2' x 2' Suspended Ceiling, Locking Mounting Solution for Cisco 1130a/g WAPs
Model 1060-T	2' x 2' Suspended Ceiling, Locking Mounting Solution for Cisco 1130a/g WAPs; Tegular Ceiling Tile Design
Model 1064-00	2' x 2' Suspended Ceiling, Locking Mounting Solution for Cisco 1140/3500/3600 Series WAPs.
Model 1064-T	2' x 2' Suspended Ceiling, Locking Mounting Solution for Cisco 1140/3500/3600 Series WAPs; Tegular Ceiling Tile Design
Model 1066-00	2' x 2' Suspended Ceiling, Locking Mounting Solution for Aruba Networks AP-135 WAPs
Model 1068-00	2' x 2' Suspended Ceiling, Locking Mounting Solution for Most Suppliers' WAPs

Antennas

Aesthetic Wi-Fi and cellular antennas designed for installation in Oberon secure ceiling and wall enclosures.

Features

- Dual-band Wi-Fi and cellular bands available
- Color-matched to enclosures
- Omni-directional antenna pattern
- Simple, secure installation

Benefits

- Offer superior pattern coverage
- Install in Oberon enclosures for a cohesive, professional look
- Aesthetic, professional installation
- Minimize wireless downtime and interruptions



34-CELLULAR-PCS

MFR. PART NO.	DESCRIPTION
34-ZDUAL-RPTNC	Omni-Directional, Dual-Band Wi-Fi Antenna to Mount on Enclosure Doors, RPTNC Connector
34-ZDUAL-RPSMAM	Omni-Directional, Dual-Band Wi-Fi Antenna to Mount on Enclosure Doors, RPSMAM Connector
34-ZMIMO3X1	Omni-Directional, Dual-Band Wi-Fi Antenna, 3X1 for MIMO Access Points, to Mount on Enclosure Doors
34-ZMIMO6X1	Omni-Directional, Dual-Band Wi-Fi Antenna, 6X1 for MIMO Access Points, to Mount on Enclosure Doors
34-MIMO	Omni-Directional, Dual-Band Wi-Fi Antenna, 3X1 for MIMO Access Points, to Mount on Enclosure Doors
34-CELLULAR-PCS	Omni-Directional Cellular Antenna for In-Building Wireless and DAS, to Mount on Enclosure Doors
34-MULTICARRIER	Omni-Directional, Cellular and Wi-Fi Antenna for In-Building Wireless and DAS, to Mount on Enclosure Doors

Firetide Mobility Controller

- Reliable connectivity at 90 mph
- Dynamic mesh networking
- High-speed infrastructure mobility and seamless client roaming
- 4 GigE 10/100/1000-Mbps ports



MFR. PART NO.	DESCRIPTION
FMC-2000	Firetide Mobility Controller for Mobility up to 64 Meshes

NETGEAR® ProSafe® Wireless Controller and Switches

- Fully-featured architecture for medium-sized businesses, schools and hospitals with 1,500+ users
- Supports up to 150-APs, including redundancy and Wireless-N with appropriate licenses
- Robust top-end security, L2/L3 fast roaming, VoWi-Fi QoS
- Lifetime warranty



WMS105-10000S



WC7520-100NAS



WMS5316-100NAS

MFR. PART NO.	DESCRIPTION
WC7520-100NAS	ProSafe 20 AP WLS Controller
WMS5316-100NAS	ProSafe 16-Ap Wireless Manager

MFR. PART NO.	DESCRIPTION
WMS105-10000S	ProSafe 5-Ap Wireless Manager SW

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Fluidmesh 1100 MITO

The Fluidmesh 1100 MITO is a tri-band MIMO-based wireless product designed and manufactured for back-hauling mission-critical applications. Thanks to a compact form-factor and state-of-the-art radio technology, the 1100 MITO can be used as an alternative to fiber to transmit video, voice and data up to 20 miles in line-of-sight.

Features

- Point-to-point, point-to-multipoint and mesh topology
- 4.9 and 5.1–5.8 GHz transmission
- 300 Mbps modulation speed
- Up to 20 miles of LOS range
- Includes PoE injector
- AES 128-bit encryption available

Benefits

- High reliability and low latency — prodigy intelligent transmission protocol
- Cost-effective — pay-as-you-grow bandwidth model
- Includes enterprise network management software
- Small form-factor
- Solar power-friendly due to low consumption



MFR. PART NO.	DESCRIPTION
FM1100M-HW	Fluidmesh 1100 MITO, Single MIMO Radio Device, 1 Mbps Ethernet Throughput, 4.9–5.8 GHz with Integrated Panel Antennas; 2 Ethernet Ports; Includes Passive PoE Injector and 90–240 VAC Power Supply
FM1100M-02	Enable 2.5 Mbps Ethernet Throughput in FM1100M Devices
FM1100M-05	Enable 5 Mbps Ethernet Throughput in FM1100M Devices
FM1100M-10	Enable 10 Mbps Ethernet Throughput in FM1100M Devices
FM1100M-30	Enable 30 Mbps Ethernet Throughput in FM1100M Devices
FM1100M-60	Enable 60 Mbps Ethernet Throughput in FM1100M Devices
FM1100M-UN	Enable Unlimited Ethernet Throughput (100 Mbps) in FM1100M Devices
FM1100M-UPG-0205	Upgrade Ethernet Throughput from 2.5 Mbps to 5 Mbps for FM1100M
FM1100M-UPG-0210	Upgrade Ethernet Throughput from 2.5 Mbps to 10 Mbps for FM1100M
FM1100M-UPG-0230	Upgrade Ethernet Throughput from 2.5 Mbps to 30 Mbps for FM1100M
FM1100M-UPG-0260	Upgrade Ethernet Throughput from 2.5 Mbps to 60 Mbps for FM1100M
FM1100M-UPG-02UN	Upgrade Ethernet Throughput from 2.5 Mbps to Unlimited (100 Mbps) for FM1100M
FM1100M-UPG-0510	Upgrade Ethernet Throughput from 5 Mbps to 10 Mbps for FM1100M
FM1100M-UPG-0530	Upgrade Ethernet Throughput from 5 Mbps to 30 Mbps for FM1100M
FM1100M-UPG-0560	Upgrade Ethernet Throughput from 5 Mbps to 60 Mbps for FM1100M
FM1100M-UPG-05UN	Upgrade Ethernet Throughput from 5 Mbps to Unlimited (100 Mbps) for FM1100M
FM1100M-UPG-1030	Upgrade Ethernet Throughput from 10 Mbps to 30 Mbps for FM1100M
FM1100M-UPG-1060	Upgrade Ethernet Throughput from 10 Mbps to 60 Mbps for FM1100M
FM1100M-UPG-10UN	Upgrade Ethernet Throughput from 10 Mbps to Unlimited (100 Mbps) for FM1100M
FM1100M-UPG-3060	Upgrade Ethernet Throughput from 30 Mbps to 60 Mbps for FM1100M
FM1100M-UPG-30UN	Upgrade Ethernet Throughput from 30 Mbps to Unlimited (100 Mbps) for FM1100M
FM1100M-UPG-60UN	Upgrade Ethernet Throughput from 60 Mbps to Unlimited (100 Mbps) for FM1100M

Fluidmesh 3100 MITO

The Fluidmesh 3100 MITO is a tri-band MIMO-based wireless product designed and manufactured for back-hauling mission-critical applications for video, voice and data. Thanks to a 90° sector antenna, the FM3100 can be used to create point-to-multipoint networks with up to 30 clients offering an aggregate throughput of up to 100 Mbps.

Features

- 90° integrated sector antenna
- 4.9 and 5.1–5.8 GHz transmission
- 300 Mbps modulation speed
- Up to 20 miles of LOS range
- Includes PoE injector
- AES 128-bit encryption available

Benefits

- High reliability and low latency — prodigy intelligent transmission protocol
- Cost-effective — pay-as-you-grow bandwidth model
- Includes enterprise network management software
- Small form-factor
- Solar power-friendly due to low consumption



MFR. PART NO.	DESCRIPTION
FM3100M-HW	Fluidmesh 3100 MITO, Single MIMO Radio Device, 10 Mbps Ethernet Throughput, 4.9–5.8 GHz with Integrated 90° Sector Antennas; 1 Ethernet Port; Includes Passive PoE Injector and 90–240 VAC Power Supply
FM3100M-30	Enable 30 Mbps Ethernet Throughput in FM3100M Devices
FM3100M-60	Enable 60 Mbps Ethernet Throughput in FM3100M Devices
FM3100M-UN	Enable Unlimited Ethernet Throughput (100 Mbps) in FM3100M Devices
FM3100M-UPG-3060	Upgrade Ethernet Throughput from 30 Mbps to 60 Mbps for FM3100M
FM3100M-UPG-30UN	Upgrade Ethernet Throughput from 30 Mbps to Unlimited (100 Mbps) for FM3100M
FM3100M-UPG-60UN	Upgrade Ethernet Throughput from 60 Mbps to Unlimited (100 Mbps) for FM3100M

Fluidmesh ENDO Series

Features

- Available with single or dual radio configuration
- 2.4, 4.9 and 5.1–5.8 GHz transmission
- 108 Mbps modulation speed
- Up to 20 miles of LOS range
- Small form-factor for embedded applications
- AES 128-bit encryption available

Benefits

- High reliability and low latency — prodigy intelligent transmission protocol
- Cost-effective — pay-as-you-grow bandwidth model
- Includes enterprise network management software
- Small form-factor
- Solar power-friendly due to low consumption



MFR. PART NO.	DESCRIPTION
FM2100E-ENDO	Fluidmesh 2100 ENDO, Single-Radio Wireless Mesh Router Operating at 2.4 GHz and 4.9–5.8 GHz, 5 Mbps Ethernet Throughput, 3 Ethernet Ports; for Indoor Use with External Power Supply Operating at 12 VDC or 110–240 VAC
FM2100E-ENDO-15	Enable 15 Mbps Ethernet Throughput in FM2100E-ENDO Devices
FM2100E-ENDO-UN	Enable Unlimited Ethernet Throughput in FM2100E-ENDO Devices
FM2100E-ENDO-UPG-15UN	Upgrade Ethernet Throughput from 15 Mbps to Unlimited in FM2100E-ENDO Devices
FM2200E-ENDO	Fluidmesh 2200 ENDO, Dual-Radio Wireless Mesh Router Operating at 2.4 GHz and 4.9–5.8 GHz, 2 Ethernet Ports; for Indoor Use with External Power Supply Operating at 12 VDC or 110–240 VAC



Fluidmesh Extended Warranty Plans

MFR. PART NO.	DESCRIPTION
FM-EEW-3Y	Limited Warranty Extension to 3 Years and Enhanced Warranty Including Advanced Replacement; Plan is Valid for 1 Product and Must be Associated with the Product Serial Number Prior to Physical Installation On-Site
FM-EEW-5Y	Limited Warranty Extension to 5 Years and Enhanced Warranty Including Advanced Replacement; Plan is Valid for 1 Product and Must be Associated with the Product Serial Number Prior to Physical Installation On-Site
FM-EW-2Y	Limited Warranty Extension for Additional 2 Years After the Standard 2-Year Warranty Expiration; Plan is Valid for 1 Product and Must be Associated with the Product Serial Number Before the Standard Warranty Expires



Optional Software Plug-Ins

MFR. PART NO.	DESCRIPTION
FM-AES	AES Plug-In — Enables AES 128-Bit Hardware-Based Encryption on 1 Fluidmesh Product; 1 Plug-In is Required for Each Hardware Device in which Encryption is Desired
FM-VLAN	VLAN Plug-In — Enables Port-Based and MAC Address-Based VLANs on 1 Fluidmesh Product; All Fluidmesh Hardware Devices in a Network Must Have a Plug-In for VLAN to Operate
FM-MOB	Fluidity Software Plug-Ins for Mobility Applications that Require Fast Roaming; Only Available for MITO Series; Previous Approval by Fluidmesh is Required Before Ordering

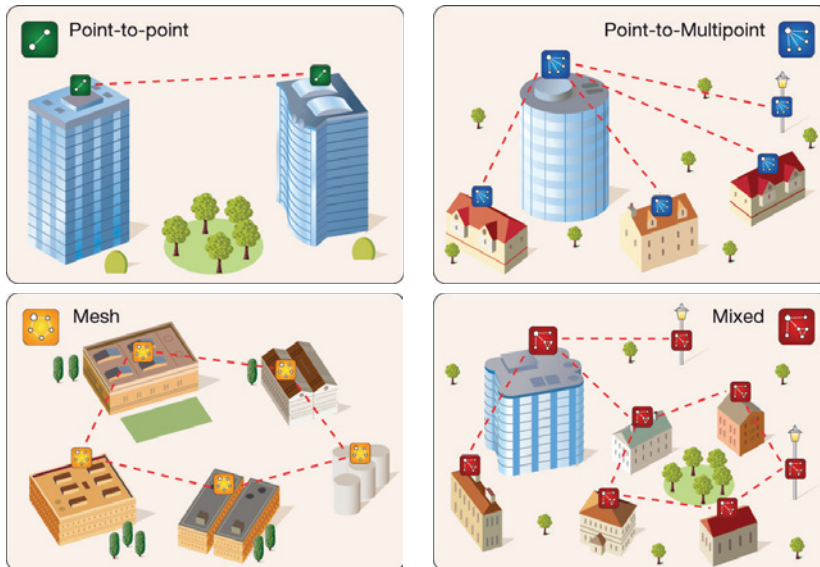


Fluidmesh On-Site Support

MFR. PART NO.	DESCRIPTION
FM-FIELD-1D	Fluidmesh Engineer Field Support/System Commissioning Fee for 1 Day (8 hours) — Field Assistance by a Fluidmesh Engineer; Traveling Expenses are Included but Additional Traveling Fees May Apply Depending on Location



Types of Topologies You Can Achieve by Using Fluidmesh Products



Firetide Point-to-Point Wireless Bridges

- Low-cost, high-capacity connectivity between two locations
- Up to 150 Mbps user throughput (MIMO bridge)
- Designed for easy installation: antennas and accessories included
- Web-based management and antenna alignment tools



MFR. PART NO.	DESCRIPTION
FWB-205	2 FWB205 MIMO Wireless Nodes (5 and 4.9 GHz, 400 mW) with 2 Outdoor MIMO Panel Antennas

HotPort Wireless Mesh Nodes

- Up to 400 Mbps mesh capacity indoors, 300 Mbps outdoors
- Dual 802.11n MIMO-based radios: 2.4 GHz, 4.9 GHz (public safety) and 5 GHz
- AutoMesh™ protocol; AES 256 bit encryption; FIPS 140-2 available
- Tools: Antenna Alignment, Spectrum Analyzer and Power Meter



MFR. PART NO.	DESCRIPTION	MFR. PART NO.	DESCRIPTION
7010	Indoor, MIMO and Dual-Radio Capable (order separately)	SW-7000-MIMO	Activation License for MIMO
7020	Outdoor, MIMO and Dual-Radio Capable (order separately)	3000-9000-ELE	HotView Pro Network Management Software, 30-Node License
SW-7000-RADIO-1	Activation License for Radio 2		

wireless

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Wireless Cards



SONY®

SNCA-CFW1

SNCA-CFW5

MFR. PART NO.	DESCRIPTION
SNCA-CFW1	CF Type IEEE 802.11b Compliant Wireless LAN Card
SNCA-CFW5	CF Type II IEEE 802.11b/11g Compliant Wireless LAN Card



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Wi-Fi Box

Features

- Mounts wireless routers in standard ceiling tiles
- Rotating center swing section allows antenna to be repositioned
- Locks for restricted access

Benefits

- Secures wireless routers in public areas
- Smooth white finish blends with ceiling tiles



MFR. PART NO.	DESCRIPTION
BS2-2424WFB	Wi-Fi Box, 24"H x 24"W x 3.5"D

Workspace Telecom Enclosures (WTE)

Oberon's 107X and 108X Series workspace telecommunications enclosures are designed for ceiling or wall mounting in the workspace. These products accommodate access points, DAS components, antennas, etc.

Features

- 2' x 2' locking ceiling tile enclosures; fits into standard suspended ceiling systems
- Attractive, white, powder-coated finish
- UL® Listed, designed to NEC® paragraphs 300.22 and 23 for use in plenum space
- OSHPD Approved
- Approved in Cisco Developer Network (CDN) catalog

Benefits

- Simplify NEC Code compliance; plenum-rated enclosures eliminate poke-throughs in ceiling tiles
- Simplify regulation compliance (PCI in retail, FIPS in federal government)
- Aesthetic, professional installation
- Minimize wireless downtime and interruptions
- Bring bandwidth closer to user



MFR. PART NO.	DESCRIPTION
1070-00	2' x 2' Suspended Ceiling-Mounted Zone Enclosure for Active Components; Highly Perforated Door
1072-00	2' x 2' Suspended Ceiling-Mounted Zone Enclosure for Active Components; Doors for Different Antennas and A/V Components
1080-00	39" x 26" x 4" Vertical Wall Mount Enclosure for Datacomm Components; Highly Perforated Door
1082-00	24" x 24" x 4" Vertical Wall Mount Enclosure for Datacomm Components, Including Wireless Router; Impact-Resistant, White ABS Locking Door
1090-00	Ceiling-Mounted, General-Purpose Telecommunications Enclosure for Wireless Networking Components

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ReelSimple™ Cart

CSC PART NO.: 470092-98417

Dimensions, fully extended: 54.4"L x 24.4"W x 43.1"H

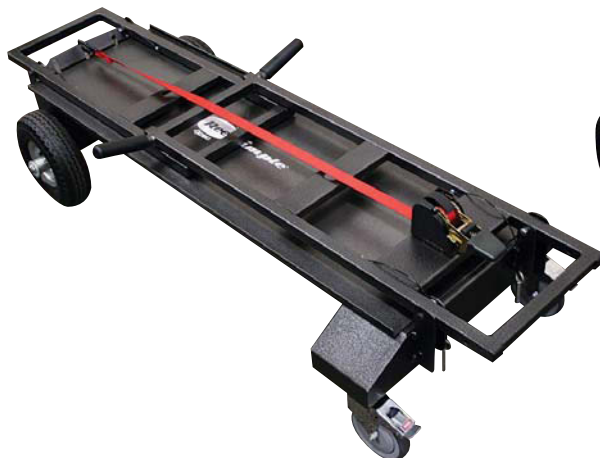
Dimensions, shipping: 61.5"L x 24.4"W x 16.1"H

Weight: 75 lbs. (100 lbs. shipping)

Wheels: 2 pneumatic, 2 caster with brakes

ReelSimple™ Material Capacity: up to 15 boxes

Load-Bearing Capacity: 750 lbs.



wireless

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Features

Large platform

Large wheels with brakes

Strong strap with ratchet

Stable platform

Fold-flat design

Quick release pins with lanyards

Heavy-duty construction with polyester powder-coat surface

Foam rubber-coated handles

Benefits

Large carrying capacity reduces material handling time.
 Pull more runs at the same time — carry other needed equipment or materials.
 Spend less time going back and forth to the material staging area.

Easily roll material to pull location. Easily reposition material.

Confidently holds stacks of boxes for secure pull.
 Easily adjusts to varying sized pulls and miscellaneous hauling needs.

Securely holds material for pulling. Tip resistant. Lipped edge to keep boxes in place.

Requires less space in truck and storage space.

Enables quick set up and tear down.
 Solidly secures end supports to keep load in place.

Stands up to wear and tear at job site.
 Dent, scratch, bend, peel, fade and rust resistant.
 Long life — designed to outlast competition.

Easy to grip and maneuver cart in all weather conditions.

Only available from CSC

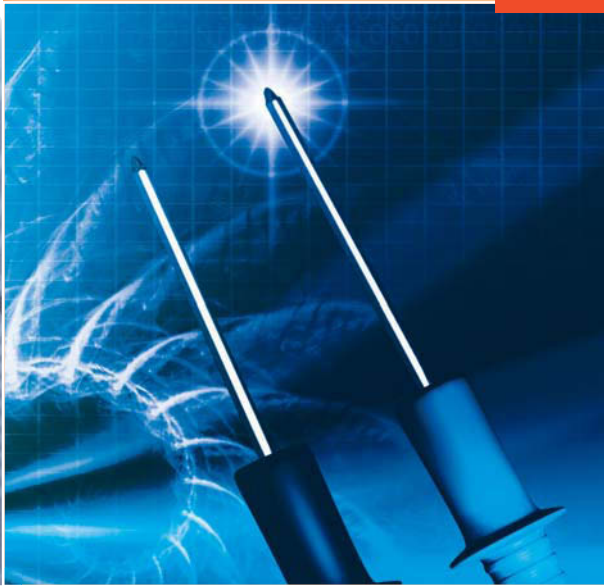
View the product video at gocsc.com/ReelSimple

Industry Leading Manufacturers...



Tools, Test Equipment & Installation Supplies

Installation Tools 9-2
Test Equipment 9-3
Labeling 9-4 – 9-6



gocsc.com

Belden Cable Pro Compression and Cable Strip Tools

Cable Pro features one-step, self-adjusting compression tools that provide precise and consistent compression, eliminating the need for recalibration and additional adjustment pieces.

- Cable Pro compression/installation tools are manufactured with the highest quality materials
- Cable strip tools feature a patented cable stop for precise 1/4-1/4" preparation
- Cable Pro tools and Double Bubble connectors work together as a system
- Experience the complete tool and connector system with a Double Bubble Starter Kit



MFR. PART NO.	DESCRIPTION
CPLCRBC-BR	Double Bubble Compression Tool Compresses Double Bubble F, RCA and BNC Connectors for RG-6, RG-59, RGB/Mini, Plenum and Security (CCTV) Cables
PSA59/6	Preps RG-6 and RG-59 Cable, Features Integrated RG-6 Side-Flaring Tool and Extra Replacement Blade Cartridge
PS59/6/RGB	Preps RG-6, RG-59 and Mini Coaxial Cable, Extra Replacement Blade Cartridges (red for RGB/mini; blue for RG-6 and RG-59)
FIT-59	Cable Pro Flaring and Insertion Tool Expands the RG-59 Cable Jacket to Ease the Insertion of Connectors onto the Cable

OmniSeal™ PRO XL Compression Tool

The OmniSeal™ PRO XL Compression Tool is the tool of choice for professional installers. The OmniSeal requires no additional attachments to terminate IDEAL branded compression connectors.

- Factory pre-set to compress F-Type, BNC, RCA, RG-11 and mini coax connectors
- High-strength aluminum tool is durable and lightweight
- Spin knob for fast depth adjustment
- Made in U.S.A.



MFR. PART NO.	DESCRIPTION
30-793	OmniSeal™ Compression Tool

Cable/Satellite/CCTV Coax Stripper

Easy-to-use coax stripper for a variety of applications.



- Designed for fast and easy 1/4" x 1/4" strip lengths
- Blade auto-adjusts to different diameter coax cables
- Spinner ring for fast stripping
- Strips RG-6/6Quad and RG-59 coax cable
- Economical and a great value for coax installation



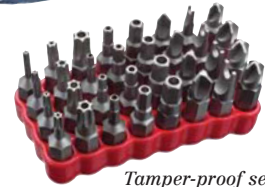
MFR. PART NO.	DESCRIPTION
45-321	Cable/Satellite/CCTV Coax Stripper

Quick Change Screwdriver with 32-Piece Tamper-Proof Bit Block

The ultimate multi-bit tool is as durable as it is useful. Bits fit all standard multi-bit screwdrivers.



- Patented Sure-Loc™ quick-change chuck eliminates magnetic debris pick-up and dropped bits
- Built-in storage container holds up to 5 extra insert bits
- Includes 32 commonly used tamper-proof bits in one portable block
- Black oxide-coated steel for maximum durability and corrosion resistance



Tamper-proof set



Standard set

MFR. PART NO.	DESCRIPTION
35-933	Quick Change Screwdriver Set with 32-Piece Tamper-Proof Bit Block
35-933TP	32-Piece Tamper-Proof Bit Block Only
35-933STD	32-Piece Standard Bit Block Only



Coax Security Termination Kit

This installation kit is for anyone working with security cameras, cable or satellite TV, or general coax compression.

- Kit includes OmniSeal™ PRO XL compression tool, Data T® Cutter, Coax/UTP Stripper and 1/8" Cabinet Tip Screwdriver
- Hip pouch with belt clip firmly holds tools from falling out while bending and working



MFR. PART NO.	DESCRIPTION
33-624	Coax Termination Hip Kit

SecuriTEST™ PRO CCTV/Security Tester

SecuriTEST™ PRO is a versatile all-in-one installation and troubleshooting tool for the CCTV professional. Since all connections (video, communications, DMM) attach to a single unit, SecuriTEST PRO eliminates the need to juggle several devices while on a ladder or lift, making safer working conditions and increasing productivity.

- Combines 7 essential CCTV tools — CCTV video tester, PTZ camera controller, digital multimeter, UTP cable tester, video test pattern generator, PTZ protocol analyzer and camera programmer — in a single compact package
- Save time and money — test, aim, focus and program cameras while working alone
- Sharp, bright 2.5" color LCD screen with display for PTZ control diagnostics and DMM readouts
- PTZ Protocol Analyzer — compatible with 20+ PTZ protocols to test and program cameras in the field; decodes and identifies output from PTZ console to aid in troubleshooting
- Includes IRE video level, sync tests and sound level test through integrated speaker and on-screen level indicator
- Includes high-capacity lithium ion battery, carrying case, leads and auto/wall charger



MFR. PART NO.	DESCRIPTION
33-892	SecuriTEST PRO CCTV/Security Tester

tools, test equipment & installation supplies

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Your information is only as SAFE as your NETWORK INFRASTRUCTURE

Network Security Infrastructure Solutions

Secure(it) is designed exclusively for CSC's government customers to comply with the Information Assurance initiative, simplifying secure network deployments for the following types of projects:

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- PDS Installations
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- C4ISR Building Construction
- Continuity of Operations
- High Assurance Networks
- DoDIIS Trusted Workstation Deployments
- Data Center Construction
- BRAC Design/Build Projects
- OSP Network Deployments
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- Joint Intelligence Operations Centers
- Red/Black Equipment Storage
- SCIF-in-a-Box

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IDXPERT™ Consumables



XPERT-ABC

tools, test equipment & installation supplies

MFR. PART NO.	DESCRIPTION
XPRT-ABC	Handheld Labeler, ABC Style Keyboard
X-19-498	XPRT Repo Vinyl Cloth — 1" x 1"
X-103-498	XPRT Repo Vinyl Cloth — 1.25" x 1"
XC-318-498	XPRT Repo Vinyl Cloth — 26' Roll x 0.318"
X-17-422	XPRT Gloss Polyester — 0.5" x 1"
X-30-422	XPRT Gloss Polyester — 0.75" x 1.5"
X-19-422	XPRT Gloss Polyester — 1" x 1"
X-7-422	XPRT Gloss Polyester — 0.5" x 0.5"
XC-500-422	XPRT Gloss Polyester — 0.5" x 30' Cont
XC-375-422	XPRT Gloss Polyester — 0.375" x 30' Cont
X-61-483	XPRT Ultra Polyester — 0.5" x 2"
XC-1000-595-WT-BK	Indoor/Outdoor Vinyl, 1.0" Black on White
XC-500-595-WT-BK	Indoor/Outdoor Vinyl, 0.5" Black on White
XC-1500-595-WT-BK	Indoor/Outdoor Vinyl, 1.5" Black on White
XC-750-595-WT-BK	Indoor/Outdoor Vinyl, 0.75" Black on White
XC-1500-595-RD-WT	Indoor/Outdoor Vinyl, 1.5" White on Red
XC-500-595-BL-WT	Indoor/Outdoor Vinyl, 0.5" White on Blue

MFR. PART NO.	DESCRIPTION
XSL-96-427	XPRT Selflam Wt — 0.75" x 1" x 0.37" Write
XSL-19-427	XPRT Selflam Wt — 1" x 1" x 0.37" Write
XSL-103-427	XPRT Selflam Wt — 1.25" x 1" x 0.5" Write
XSL-31-427	XPRT Selflam Wt — 1.5" x 1" x 0.5" Write
XSL-21-427	XPRT Selflam Wt — 2.5" x 1" x 0.75" Write
XSL-11-427	XPRT Selflam Wt — 0.75" x .5" x 0.37" Write
XSL-17-427	XPRT Selflam Wt — 1" x 0.5" x 0.37" Write
XSL-18-427	XPRT Selflam Wt — 1" x 0.75" x 0.37" Write
XSL-102-427	XPRT Selflam Wt — 1.25" x 0.5" x 0.37" Write
XSL-115-427	XPRT Selflam Wt — 1.25" x 1.5" x 0.5" Write
XSL-29-427	XPRT Selflam Wt — 1.5" x 0.5" x 0.5" Write
XSL-32-427	XPRT Selflam Wt — 1.5" x 1.5" x 0.5" Write
XSL-116-427	XPRT Selflam Wt — 2.5" x 1.5" x 0.75" Write
XSL-23-427	XPRT Selflam Wt — 4" x 1" x 1" Write
XSL-34-427	XPRT Selflam Wt — 6" x 1.5" x 1.5" Write
XPS-125-1	XPRT Permasleeve Wht — 0.125" Dia. x 1"
XPS-250-1	XPRT Permasleeve Wht — 0.250" Dia. x 1"

LaserTab® Laser Printable Labels

Blank, printable, polyester labels for laser printers. Easy application — print and put label in place.

Features

- Cost-effective
- Choose from various sizes for multiple labeling applications
- Made to withstand harsh environments
- Ideal for small-volume production runs

Benefits

- Print labels using current laser printers
- Small sizes fit into limited application spaces
- Images remain clean and crisp, even after repeated handling



MFR. PART NO.	DESCRIPTION
LAT-24-747-1	1.750" x 1.000" (44.45mm x 25.40mm), White
LAT-44-707-2.5	3.600" x 0.375" (91.44mm x 9.53mm), White
LAT-7-707-10	1.000" x 0.500" (25.40mm x 12.70mm), White
LAT-47-707-10	1.500" x 0.500" (38.10mm x 12.70mm), White
LAT-41-707-10	1.500" x 0.375" (38.10mm x 9.53mm), White
LAT-176-124	1.975" x 0.375" (50.17mm x 9.53mm), White
LAT-8-707-10	1.000" x 0.375" (25.40mm x 9.53mm), White

MFR. PART NO.	DESCRIPTION
LAT-34-707-1	3.000" x 1.437" (76.20mm x 36.50mm), White
LAT-45-707-10	0.500" x 0.375" (12.70mm x 9.53mm), White
LAT-17-361	1.000" x 1.000" (25.40mm x 25.40mm), White/Translucent
LAT-18-361	1.000" x 1.330" (25.40mm x 33.78mm), White/Translucent
LAT-19-361	1.000" x 3.167" (25.40mm x 80.44mm), White/Translucent
LAT-177-124	7.900" x 0.475" (200.81mm x 12.07mm)

BMP®51 and BMP®53 Label Makers

The BMP51 and BMP53 Label Makers are compact, versatile, portable printers with built-in Bluetooth® technology for wireless printing. Design and print labels with these printers using the free Brady Mobile App and an Android Phone.

Features

- Quick and easy label design
- Hassle-free printer cartridges
- Wireless printing capabilities
- Rugged industrial printer and materials

Benefits

- 300 dpi print head and 1" per second print speed
- Ribbon and label materials in a single cartridge
- Create, edit, print and save labels with an Android phone and the Brady Mobile App
- 20 different materials available — you can have the right material for your specific job
- Durable materials that won't fade, smear or fall off — you only need to label something once



MFR. PART NO.	DESCRIPTION
75447314708	BMP53 Label Maker with AC Adapter
75447314703	BMP51 Label Maker with Battery Pack and AC Adapter
M-11-427	MSeries B427 Black on White/Semi-Clear, 0.75" x 0.5" x 0.375", 360/Roll, Self-Laminating Vinyl
M-11-498	MSeries B498 Black on White, 0.50" x 0.75", 220/Roll, Repositionable Vinyl Cloth
M-18-498	MSeries B498 Black on White, 0.75" x 1.00", 180/Roll, Repositionable Vinyl Cloth
M-19-427	MSeries B427 Black on White/Semi-Clear, 1" x 1" x 0.375", 200/Roll, Self-Laminating Vinyl
M-21-427	MSeries B427 Black on White/Semi-Clear, 1" x 2.5" x 0.75", 80/Roll, Self-Laminating Vinyl
M-31-427	MSeries B427 Black on White/Semi-Clear, 1.5" x 1" x 0.5", 200/Roll, Self-Laminating Vinyl
MC-1500-595-CL-BK	MSeries B595 Black on Clear, 1.50" x 20', 1 Roll, Vinyl Film with Permanent Adhesive
MC-1500-595-WT-BK	MSeries B595 Black on White, 1.50" x 25', 1 Roll, Vinyl Film with Permanent Adhesive
MC-375-422	MSeries B422 Black on White, 0.375" x 25', 1 Roll, Permanent Polyester
M50-SC	Soft Carrying Case for BMP51 or BMP53
MC-1000-595-BL-WT	MSeries B595 White on Blue, 1.00" x 25', 1 Roll, Vinyl Film with Permanent Adhesive
MC-1000-595-CL-BK	MSeries B595 Black on Clear, 1.00" x 20', 1 Roll, Vinyl Film with Permanent Adhesive

NOTE: The BMP53 does not come with keyboard or screen. It acts as a peripheral label maker.

LabelMark™ Software

LabelMark™ 5 design software is written specifically for identification applications in the datacomm, telecomm, aerospace, defense, electrical, control panel and general identification industrial markets.

Features

- Integration with AutoCAD® and MS Office applications allows user to insert/edit an AutoCAD object and data extraction add-ins (Excel®, Visio®, AutoCAD)
- Software wizard allows user to pick labels to fit specific customer hardware (ex. Hubbell, Siemon, etc.)
- Print multiple label files simultaneously
- Combined fixed text and graphic design functionality
- For use in conjunction with the BBP33 Label Printer

Benefits

- Save time with single-click importing and serialization
- Quickly create, view and print with easy editing features
- Seamless integration with NetDoc™ Network Documentation and Cable Management Software — export network asset IDs directly into the LabelMark software for quick and easy printing, labeling and network documentation updates and management



MFR. PART NO.	DESCRIPTION
LM5STD CD	LabelMark 5 Software — Standard
LM5PRF CD	LabelMark 5 Software — Professional

NOTE: Volume licenses available; contact your local CSC Representative.

tools, test equipment & installation supplies

BMP™21

- Rugged design to withstand harsh industrial environments
- Prints continuous labels up to 3/4" wide
- Offers 4 sizes of self-laminating labels, up to 1.5" in length
- User-friendly design for simple operation
- Large display screen for indoor, low-light or outdoor viewing



MFR. PART NO.	DESCRIPTION
BMP21	BMP21 Printer
BMP21-TOOL	BMP21 Multifunctional Accessory
M21-375-499	Tape Cartridge B499 Nylon Cloth, Black on White, 3/4" x 16'
M21-500-499	Tape Cartridge B499 Nylon Cloth, Black on White, 1/2" x 16'
M21-750-499	Tape Cartridge B499 Nylon Cloth, Black on White, 3/4" x 16'
M21-750-595-WT	CART BMP21 B595 3/4" x 21' Indoor/Outdoor Vinyl, Black/White
M21-500-595-WT	CART BMP21 B595 1/2" x 21' Indoor/Outdoor Vinyl, Black/White
M21-375-595-WT	CART BMP21 B595 3/8" x 21' Indoor/Outdoor Vinyl, Black/White
M21-750-595-YL	CART BMP21 B595 3/4" x 21' Indoor/Outdoor Vinyl, Black/Yellow
M21-500-595-YL	CART BMP21 B595 1/2" x 21' Indoor/Outdoor Vinyl, Black/Yellow
M21-375-595-YL	CART BMP21 B595 3/8" x 21' Indoor/Outdoor Vinyl, Black/Yellow
M21-750-427	Tape Cartridge B427 Self-Laminating Labels 0.375" x 0.75", Black on White, 3/4" x 14'
M21-1000-427	Tape Cartridge B427 Self-Laminating Labels 0.375" x 1", Black on White, 1" x 14'
M21-1250-427	Tape Cartridge B427 Self-Laminating Labels 0.5" x 1.2", Black on White, 1 1/8" x 14'
M21-1500-427	Tape Cartridge B427 Self-Laminating Labels 0.5" x 1.5", Black on White, 1 1/2" x 14'
BMP21-AC	BMP21 AC Adapter
M21-375-499-TB	Tape Cartridge B499 Nylon Cloth Terminal Block, 3/8" x 16'
M21-500-499-TB	Tape Cartridge B499 Nylon Cloth Terminal Block, 1/2" x 16'

BBP®33 Label Printer

The BBP33 printer offers high-performance "Full Hassle-Free" printing. Smart chip supplies automatically set up label, eliminating calibration steps and label waste. Drop, lock and print labels and ribbons.

Features

- Automatic label setup
- Record-fast material changeovers
- Prints on first label
- Impressive material lineup
- Uses LabelMark™ Labeling Software

Benefits

- No label calibration or adjustments
- Foolproof 'drop-in' ribbon and label cartridges
- No more wasted labels — even on sleeves
- More than 400 label cartridges and 38 materials to choose from



MFR. PART NO.	DESCRIPTION
BBP33-C	BBP33 with Auto Cutter (NA) Printer only
BBP33-C-LMP	BBP33 with Auto Cutter (NA) + LabelMark™ Pro Software CD
BBP33-C-LMP-MWS	BBP33 with Auto Cutter (NA) + LabelMark Pro + MarkWare Standard Software
B30-R4300	B30, Ribbon, R4300, Black, 4.33" x 200'
B33-10-427	B33, B427, White, 3.75" x 1", Self-Laminating Vinyl
B33-113-427	B33, B427, White, 1" x 0.5", Self-Laminating Vinyl
B33-116-427	B33, B427, White, 1" x 1", Self-Laminating Vinyl
B33-118-427	B33, B427, White, 1" x 1.5", Self-Laminating Vinyl

MFR. PART NO.	DESCRIPTION
B33-119-427	B33, B427, White, 1.5" x 1.5", Self-Laminating Vinyl
B33-120-427	B33, B427, White, 1" x 1.75", Self-Laminating Vinyl
B33-121-427	B33, B427, White, 1.5" x 1.75", Self-Laminating Vinyl
B33-27-427	B33, B427, White, 3.75" x 2", Self-Laminating Vinyl
B33-56-427	B33, B427, White, 0.937" x 0.75", Self-Laminating Vinyl
B33-73-427	B33, B427, White, 1.75" x 0.75", Self-Laminating Vinyl
B33-75-427	B33, B427, White, 2.25" x 1", Self-Laminating Vinyl
B33-80-427	B33, B427, White, 0.75" x 0.5", Self-Laminating Vinyl
B33-9-427	B33, B427, White, 1.437" x 1", Self-Laminating Vinyl



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Aiphone Corporation is the North American division of Aiphone Company, Ltd., an industry-leading intercom manufacturer. Aiphone products range from simple, audio-only two-station systems to IP Direct video direct intercoms for use in various applications, including educational, commercial and residential. Aiphone is the first and only intercom manufacturer worldwide to receive the coveted Deming Prize for quality control, as well as ISO-14001 and ISO-9001:2008 certification.



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Without clean, uninterrupted power, security systems are essentially vulnerable. With more than 30 years of powering experience and millions of solutions installed worldwide, Alpha is recognized as one of the industry leaders in customized indoor and outdoor UPS and backup power solutions for security applications in the harshest and most challenging environments. Alpha is proud to partner with CSC as a supplier of solutions for the full spectrum of critical security applications: CCTVs, access control systems, perimeter security systems, X-ray/metal detectors for airports, power plants, port and border security, parking facilities and many more.



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Altronix is a leading designer and manufacturer of low-voltage electronics for the video surveillance, security, fire, access control and automation markets, offering innovative products that deliver "more than just power." Since its inception in 1984, Altronix has stayed ahead of industry trends to deliver cutting-edge, reliable solutions that integrate with the latest systems technologies. Altronix products include eBridge™ Ethernet Adapters, NetWay™ Midspan PoE Power Injectors, HubWay™ UTP Transceiver Hubs, Maximal™ Access Power Controllers, Strikelt™ Panic Device Power Controllers, VertiLine™ Rack Mount Power Solutions, ReServ™ UPS Power Supplies, WayPoint™ Outdoor Power Solutions and more. Altronix products are made in the U.S. and backed by a lifetime warranty. The Altronix U.S. headquarters, located in Brooklyn, New York, occupies over 100,000 square feet with the latest manufacturing technologies. Altronix is an ISO 9001:2008 registered firm.



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APC by Schneider Electric, a global leader in critical power and cooling services, provides industry-leading products, software and systems for home, office, data center and factory floor applications. Backed by the strength, experience and wide network of Schneider Electric's Critical Power & Cooling Services, APC delivers well planned, flawlessly installed solutions that are maintained throughout their lifecycle. Through their unparalleled commitment to innovation, APC delivers pioneering, energy-efficient solutions for critical technology and industrial applications. APC solutions include uninterruptible power supplies (UPS), design and management software, precision cooling units, racks, physical security and APC's InfraStruXure® architecture, a comprehensive integrated power, cooling and management solution.



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Arecont Vision, an industry leader in megapixel IP video, offers one of the largest selections of megapixel cameras available worldwide. Their product line includes H.264 and JPEG 1.3-, 2-, 3-, 5-, 8-, 10- and 20-megapixel models available in their MegaVideo® Compact, MegaVideo®, MegaDome™, MegaView™ D4F/D4s and SurroundVideo® lines. All offer a superior price/performance ratio and integration with best-in-breed VMS platforms. Arecont Vision's suite of multi-megapixel cameras will improve any IP video network execution, and deliver a higher ROI than conventional cameras. Arecont Vision is leading the way in IP video with cutting-edge innovations, superior performance and a broad selection of megapixel IP cameras.



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Since 1934, Atlas Sound has enjoyed a reputation as an industry leader in manufacturing communications products for the commercial, broadcast, industrial, institutional, security, custom installation (home) and professional music markets. Our product groups include: sound reinforcement systems; emergency communications systems; intercom/telecom products; residential infrared electronics; sound masking systems; IP-addressable PA speaker systems, power management, electronic equipment cabinetry; indoor/outdoor loudspeaker systems; microphone stands, speaker stands and accessories.



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ATV has been a force in the security business since their breakthrough video multiplexer products first established them as a market leader in 1983. Since then, they've delivered products with unmatched reliability and value to the security industry. Today ATV is stronger than ever, with a complete lineup of CCTV products that sets the industry standard for dependability and support. Competitively priced cameras and recorders are loaded with features and ATV backs those products with outstanding customer service and technical support. It's clear that whatever the needs or the application, ATV offers just what you demand.



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A market leader in network video, Axis is paving the way to a smarter, safer, more secure world by driving the shift from analog to digital video surveillance. Axis' network video solutions for professional installations are based on an innovative, open technology platform. Axis has more than 1,000 dedicated employees in 40 locations around the world and cooperates with partners covering 179 countries. Founded in 1984, Axis is a Sweden-based IT company listed on NASDAQ OMX Stockholm under the ticker AXIS.



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Belden makes it easier to create reliable, high-performance security systems. With products for access control to security surveillance, Belden can help you achieve a system that meets your application needs, whether it is for legacy analog or state-of-the-art networked IP systems. From planning to post-installation support, working with Belden and CSC for your security system means fewer hassles and a better solution delivered efficiently. We are a trusted advisor for networks, audio/visual and building automation systems deployment, with a product portfolio that spans the entire range of applications. Belden cables, connectivity and GarrettCom switches combined with CSC's breath of camera equipment, deliver an integrated security solution for commercial buildings, oil and gas, utilities and other harsh environments.



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Blonder Tongue Laboratories, Inc. and its wholly owned subsidiary R. L. Drake Holdings, LLC offer customers more than 130 combined years of engineering and manufacturing excellence and solid histories of delivering reliable, quality products. Their system operators and integrators serve the cable, broadcast, satellite, IPTV, institutional and professional video markets with comprehensive solutions for content contribution, distribution and video delivery. They design, manufacture, sell and support an equipment portfolio of standard and high-definition digital video solutions, as well as core analog video and high-speed data solutions for distribution over coax, fiber and IP networks.



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Brady Corporation is an international manufacturer and marketer of complete solutions that identify and protect premises, products and people. Brady has millions of customers in the electronics, telecommunications, manufacturing, electrical and other industries. Their high-quality, innovative products include high-performance labels and signs, safety devices, printing systems, software and precision die-cut materials. Brady's security offerings range from standard and custom tamper-indicating labels to sophisticated brand authentication technologies and services for gray market protection and anti-counterfeiting. Through the use of custom-engineered labels and seals, Brady can create security solutions to fit every need.



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Cooper Notification is a leading supplier of integrated life safety notification and mass notification system (MNS) solutions. Cooper's line of notification products includes fire and security notification appliances and devices, voice evacuation systems, industrial signals and emergency text, desktop and voice alerting. With decades of experience, Cooper is a name you can trust in an emergency.



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Communications Supply Corporation's line of low-voltage cable is manufactured to our demanding specifications, which exceed all industry standards. Because our cable is custom manufactured, you are sure to receive the same quality product every time you order. Select from our full line of plenum and non-plenum multi-conductor and coaxial products for low-voltage subsystem applications including access control, building controls, CATV, CCTV/video surveillance, fire/life safety, security, sound & paging and voice systems. *For Reel-in-a-Box packaging, see ReelSimple by CSC.*



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DIGIOP, Inc. is an innovative software development company that integrates integration video and data to provide real-time and recorded video-enhanced business intelligence for the retail, finance and healthcare industries. By combining the power of video with information from back-office systems, DIGIOP extends the value of video well beyond the traditional surveillance benefits of loss prevention, risk management and security. With a complete line of network and hybrid options, DIGIOP scalable systems can utilize your existing investments in analog cameras to create a seamless migration path to either IP or megapixel cameras. All DIGIOP solutions feature purpose-built Dell hardware, specifically designed for long lifecycle support to provide long-term stability and operational consistency.



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Digital Acoustics offers IP audio solutions in mass notification, overhead paging and intercom applications for security, education, remote monitoring, transportation, corrections and VoIP telephony. Since 1991, Digital Acoustics has been on the cutting edge of the audio/speech and data communications. Their mission is to continue to integrate speech sciences to create innovative products for the people who need them. Their products deliver voice-quality audio over fiber, wireless and Ethernet over local and wide-area networks.



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DITEK Corporation has been an industry leader in the design and manufacturing of surge protection devices and systems for more than 20 years. They provide total surge solutions for IP Video Surveillance (Digital/IP and Analog/CCTV), Fire and Intrusion, Access Control, and Voice/Data/Signal applications. They also offer a complete line of surge protective devices for main and distribution panels. As a veteran-owned small business, DITEK proudly makes their products in the USA.



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Dortronics Systems, Inc. manufactures high-quality electro-magnetic locks, key switches, push buttons, Mantrap/Interlocks and control consoles — all in the US. They also offer a full line of exit alarms, including door props, emergency pull stations and delayed egress systems. In 1990, Dortronics became a subsidiary of Sag Harbor Industries, a custom electronics manufacturer founded by Thomas Edison's son Charles in 1946. Dortronics and our parent company are committed to innovation, offering at least five new products every year, many of which are developed as a result of customer feedback. Dortronics offers free technical support from their friendly, cross-trained staff.



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As a diversified power management company with \$16 billion in sales last year, Eaton is dedicated to ensuring that reliable, efficient and safe power is available when it's needed most. With unparalleled knowledge of electrical power management across industries, experts at Eaton deliver customized, integrated solutions to solve customers' most critical challenges. For more than 100 years, Eaton has focused on delivering the right solution for each application. When decision makers demand more than just innovative products, they turn to Eaton for an unwavering commitment to personal support that makes customer success a priority.



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EtherWAN Systems, founded in 1996 and headquartered in Anaheim, CA, has become a leader in Ethernet connectivity for IP surveillance, Intelligent Transportation Systems (ITS), renewable energy, oil and mining, smart grid and factory automation. EtherWAN specializes in designing and manufacturing Ethernet equipment for harsh environments, designing products with built-in protection from extreme temperatures, shock and vibration, power surge and ESD. Commitment to quality and fault tolerance under extreme environmental conditions continues to drive EtherWAN Systems' engineering capability. Their products — including switches, media converters, serial servers and Ethernet extenders — are certified for various industries. They strive to ensure customers' network availability in the most strenuous environments.



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Exacq Technologies Inc., headquartered in Indianapolis, IN, is a leading developer of open architecture, Video Management System (VMS) solutions for security and surveillance applications. Their exacqVision VMS client-server solutions are scalable from a small single-camera operation to large-scale corporate or campus systems equipped with thousands of cameras. Real-time and recorded video can be viewed, managed and configured from any location on the network. A continuously expanding company, Exacq has landed on the Inc. 500 list for the past two years.



For ordering information, see pages 1-49 and 1-55.



Firetide is a leading provider of wireless infrastructure mesh networks that enable concurrent video, voice and data applications for municipal, public safety, government, transportation and industrial customers worldwide. Firetide provides reliable, high-performance wireless infrastructure mesh and access solutions for video surveillance, Internet access, public safety and temporary networks wherever rapid deployment, mobility and ease of installation are required. Headquartered in Los Gatos, CA, Firetide is a privately held company with thousands of customers in more than 40 countries across the globe.



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Fluidmesh Networks is a worldwide leader in wireless systems for security, industrial and mission-critical applications. Their range of solutions covers point-to-point, point-to-multipoint and mesh networks with reliability, flexibility and ease of use. They are focused on the development of top-quality wireless products for security, video-surveillance, condition monitoring and data communication in large areas at risk. Fluidmesh Networks' engineers come from top academic institutions and are active contributors to leading trade publications. Founded by a group of engineers and researchers from the Massachusetts Institute of Technology and the Politecnico di Milan, Fluidmesh serves its customers worldwide from its offices in Boston and Italy.



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CSC's FTL Portal quickly and easily configures complete end-to-end IP Video Surveillance Systems with crystal-clear video, ample bandwidth, high-speed processing and scalable video storage. Take the guesswork out of your design and let the portal do the work. The CSC FTL Portal will guide you through a few quick steps to capture the requirements of your installation. Based on your input, the CSC FTL Portal uses state-of-the-art algorithms to analyze and access your unique storage and processing needs, camera load, infrastructure requirements and more. This creates a customized surveillance system that is guaranteed to work for your unique installation.



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Great Lakes Case & Cabinet is a manufacturer of wall mounts, racks, security consoles and AV equipment for the broadcast, sound and security industries. Accessories can be added to any product to create a complete solution; they'll even install the accessories for you. They are a woman-owned, ISO 9001:2008 registered business, headquartered in Edinboro, PA with distribution centers in Reno, NV and Dublin, Ireland. In addition to a robust portfolio of standard products and accessories, Great Lakes is one of the strongest companies in the industry for the design, engineering and manufacturing of custom products for the electronic, voice, video and data communications markets.



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For more than 35 years, Hanchett Entry Systems, Inc.® (HES) has delivered cutting-edge strike and locking solutions to the market. Headquartered in Phoenix, AZ, HES is a leading manufacturer of electric strikes and locking devices for the access control industry. They are committed to providing electromechanical locking solutions and support that create safety, security and peace of mind for their customers. Backed by the strength of ASSA ABLOY, the global leader in door opening solutions, HES continues to grow, leading the industry in quality, service and innovation. Their new, eco-friendly, LEED Silver designed building features improved energy efficiency, air quality and sustainability.



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HID Global is a trusted leader in the delivery of secure identity solutions to millions of customers around the world. They are focused on robust products and innovation, supplying solutions for technology-based access, issuance, embedded technology and logistics technology. HID also develops, manufactures and markets ID components, products and services typically deployed with national ID and e-passport programs, corporate access control, contactless smart cards, supply chain management, animal tagging, financial transactions, transport and various industrial or manufacturing solutions. Headquartered in Irvine, CA, HID has over 2,100 employees worldwide with international offices that support more than 100 countries.

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Hikvision Digital Technology Co., Ltd. is a leading supplier of video surveillance products and solutions. Established in 2001, Hikvision has grown from a small company of 28 people into a global enterprise with more than 6,000 employees, including one of the largest R&D teams in the industry. Hikvision offers hybrid DVRs, NVRs, standalone DVRs, digital video servers, compression cards, high-definition IP cameras and speed domes. Headquartered in Hangzhou, China, Hikvision has expanded to a global operation with regional branch offices in Los Angeles, Amsterdam and Dubai. For the past three years, Hikvision has been listed in Security 50, a market survey recognizing the top 50 security vendors in the global security market.



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Hoffman® is a leading global manufacturer of enclosures that safely and reliably protect electronic controls and electrical systems. Safeguard your technology investment with a Hoffman brand networking solution. Whether you need highly engineered data center cabinets, wall-mount cabinets with thermal management, fiberglass WiFi enclosures or aluminum solutions for outside plant applications, you can confidently select a Hoffman equipment protection solution. Hoffman has been a pioneer in the enclosure industry since the company was founded in 1945.



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For nearly 100 years, IDEAL Inc. has manufactured products and provided services dedicated to the installation, connection and testing of infrastructure cabling in the electrical and data communication trades. Since the mid 1980s, IDEAL has been a leading supplier in the networking (LAN), telecommunications, broadcast (television) and security (CCTV/Alarm) markets. Their product portfolio was developed around our CSTT philosophy to properly cut, strip, terminate and test cables, and provide a best practices approach to the installation of coaxial, twisted pair and fiber cabling. IDEAL continues to develop innovative new products designed to make the installation simpler and quicker while enabling peak performance. IDEAL builds tools that last and stand behind their products.



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By making environments safe, comfortable and efficient, Ingersoll Rand enables customers to achieve progress and create a positive impact in their world. Ingersoll Rand is a \$14 billion global company committed to sustainability business practices within their company and for their customers. Their brands, including Schlage and Von Duprin, serve a wide variety of industries. For more than 85 years, Schlage has been providing innovative security solutions. Today, Schlage is at the forefront of cutting-edge technology such as wireless security products, biometrics and video solutions. Von Duprin manufactures the widest range of exit devices and outside trim operations as well as a full line of electromagnetic locks, electric strikes, card readers and keypad-type access control systems.



company.ingersollrand.com

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Interlogix provides global security solutions to meet the demands of the modern world. Security is a growing concern, and Interlogix is expanding to include new brands that are synonymous with innovative security technology. These include some of the most-trusted product names covering all aspects of security: intrusion, video, transmission, fire and access. These progressive brands are backed by Interlogix's commitment to offer advanced designs that keep pace with requirements as they change over time. Over the long term, effective security will help you stay two steps ahead of the threats.



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Founded in 2003 and headquartered in Norfolk, VA, ipConfigure, Inc. is a privately owned research and development software company. A leading developer of enterprise IP video surveillance solutions, ipConfigure offers a variety of products, all of which leverage a browser-based interface and are capable of seamlessly supporting unlimited cameras, locations and users in a centralized or distributed architecture. ipConfigure has successfully deployed systems in facilities ranging from nuclear power plants to universities, all based on a non-proprietary architecture that supports third-party IP cameras, servers, storage and switching hardware. ipConfigure is committed to developing products based on open architecture while facilitating the convergence of physical security and IT technologies in the security industry.



www.ipconfigure.com

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IQinVision has been designing, manufacturing and marketing the IQeye line of HD megapixel IP cameras since 1998. A world leader in IP network camera products, IQinVision products are renowned for their image quality, stability and reliability in the harshest environments. ONVIF and PSIA compliant, IQeye cameras are integrated with all leading Network Video Recorders (NVR) and are backed by one of the industry's longest and most comprehensive warranty programs. The company's products are widely deployed in government, military, city center, property management, education, retail, casino, transportation and other applications. IQinVision is a privately held corporation headquartered in San Juan Capistrano, CA with a regional office in Amsterdam.



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JVC Professional Products Company, a division of JVC Americas Corp., located in Wayne, NJ, is a leading supplier of IP network and analog security cameras, network video recorders, monitors and management systems for the video security industry. Its V.Networks product line of has earned a solid reputation for quality and reliability, and provides superior picture quality for thousands of installations worldwide. As an early pioneer in the capture, display and recording of moving images, JVC has a rich legacy of technological innovation. From top-performing simulation projectors to groundbreaking 4K camcorders, JVC continues to offer a succession of distinctive products that deliver sound and images with the power to move people.



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Keyscan has been dedicated to the design, engineering and manufacturing of premium access control equipment and software for more than 26 years. Their experienced engineers continuously strive for excellence, creating products that are not only reliable 365 days a year, but are also easily installed and managed. As powerful features and capabilities are designed into every aspect of their product line, you can be confident that Keyscan has the solution you are looking for today, with the scalability and vision to support you well into the future.



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Liberty AV Solutions has evolved from being one of the world's premier suppliers of wire and cable into a solutions-based company known for its wide-ranging catalog that includes everything from equipment enclosures and mounts to power distribution products and more. Liberty remains focused on customer service and education, offering a line of digital components designed to help its customers successfully navigate the analog to digital transition. Liberty's efforts in the latter category were bolstered in 2011, when Intelix extenders, switchers and baluns became a brand within the company. Liberty can help you bolster your profits and increase your market share.



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Part of the Commercial AV division of Legrand, North America, Middle Atlantic Products manufactures exceptional support and protection products to mount integrated systems in residential, commercial, broadcast and security applications. Products are engineered to maximize system reliability and meet the needs of the installer. From thermal considerations and built-in cable management on racks and enclosures, to pre-installed washers on rack screws, Middle Atlantic builds in ways to save time and simplify the job. Free electronic tools, including RackTools™ rack specification software and Middle Atlantic Designer™ 3D layout software for technical furniture and video walls, make it easy to design your layouts and quickly generate purchase orders and quotes.

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Milestone Systems is a leading provider of open platform IP video surveillance software. For more than a decade, Milestone has led the way in providing easy-to-use, powerful video management software (VMS) in more than 100,000 installations worldwide. Milestone XProtect® products are designed as an open platform and are compatible with more IP cameras, encoders and digital video recorders than any other manufacturer. Because Milestone provides a truly open platform, you have the ability to integrate with today's best analytics and business solutions and to expand what is possible with future innovations. XProtect is a top option for today and tomorrow.



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MOBOTIX AG is a global market leader in high-resolution megapixel IP cameras. We see ourselves as a software company with in-house hardware development in the area of digital, high-resolution and network-based video security solutions, focusing on the development of complete system solutions. The publicly traded company with headquarters in Langmeil, Germany, has been a pioneer in network camera technology since it was founded in 1999. From 2010 onwards, MOBOTIX will extend its product range to include intelligent home automation products that are developed in-house. Whether in embassies, airports, railway stations, ports, gas stations, hotels or highways, hundreds of thousands of MOBOTIX video systems have been in operation on every continent for years.



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Moog Videolarm is an innovative designer and U.S.A. manufacturer of high-quality, scalable physical security solutions. Camera housings, complete camera systems, infrared illuminators, mounting poles, lowering devices and accessories are a few of the surveillance solutions Moog Videolarm provides to the global marketplace through an international network of distributors, dealers, integrators and installers. Moog Videolarm stands behind every product manufactured with 24/7/365 technical support, regional support in 26 countries and industry-leading 3- and 5-year warranties.



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Midmarket customers turn to NETGEAR to lower costs and escape traditional big IT complexities. NETGEAR ProSecure, ReadyNAS Storage and ProSafe Networking are the ideal solutions for content filtering, data backup, disaster recovery, file sharing and virtualization applications in midsize IT environments. Since 1996, we have supplied products that are tailored to deliver the reliability, affordability and simplicity that modern businesses demand.



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Next Level Security Systems is a physical security manufacturer that delivers a new breed of unified networked security technologies. The NLSS Gateway, Next Level's flagship product, is an award-winning, IP-based security management platform that integrates video management, access control, video analytics and remote management into a single appliance. It is successfully used in the retail, commercial, education, transportation and government markets. All of Next Level's products, sold through distribution worldwide, combine the performance, sophistication and functionality of enterprise-class security systems into a compact, unified and affordable solution.



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Network Video Technologies is a world leader in UTP-based hybrid analog video and camera power transmission. Their focus on this technology has enabled them to help customers connect the world of cost-effective analog cameras and UTP to a thoughtfully deployed digital future. Now, with the introduction of the NVT Ethernet-over-Coax product range, NVT is deploying technology that allows customers to connect and power IP cameras over installed coax cable at distances beyond PoE. Network Video Technologies has a reputation for supplying products that are best in class, easy to use, well supported and feature a lifetime warranty.



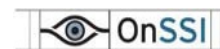
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Since 1999, Oberon, Inc. has been providing products and services to integrators and end users of wireless LAN "Wi-Fi" network products. Oberon's wireless enclosures and antenna products are used where RF coverage, infrastructure security, environmental robustness and aesthetics are paramount in the network design and implementation. Oberon offers ceiling-mounted telecommunications enclosures for Ethernet switches, patch panels, wireless controllers and other networking and AV components — ideal for structured cabling and Fiber-to-the-Enclosure (FTTE) deployments. Oberon's products and services have helped thousands of integrators and end users in the global healthcare, government, transportation and logistics, education, retail, hospitality and manufacturing industries achieve reliable indoor network connection mobility.



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OnSSI is creating a new era in video surveillance in which intuitive software seamlessly connects and improves security processes and makes up for the limits of human capacity. This is driven by the modern world's need for proactive, results-oriented security solutions that can help prevent incidents, instead of merely record them. OnSSI's Ocularis delivers scalability and automation at reduced operating costs. Convenient automated features intelligently combine multiple alarms into meaningful events. Open architecture and collaboration with third-party vendors adds cutting-edge capabilities and expands the benefits of Ocularis to end users. OnSSI points the way to the future, with software designed to meet increasingly complex global security demands that go beyond traditional surveillance models.



www.onssi.com

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OpenEye designs and manufactures a wide range of video security and surveillance products, including digital video recorders, cameras, remote multi-site monitoring/management software and network video management systems. OpenEye recorders can be configured to fit virtually any application and scaled from one system to hundreds. OpenEye is committed to advancing its current technologies while continuing to develop new and exciting products based on emerging IP video technologies. In-house technical support, advanced replacement and exceptional warranties are some of the ways OpenEye demonstrates a commitment to customer service. With a reputation for innovation, ease of use and customer satisfaction, OpenEye is consistently chosen by leading security professionals everywhere.



www.openeye.net

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ORION Images Corporation leads the industry in the design, development and manufacture of commercial-grade LCD Monitors and display products ranging in size from 2.5" wrist-mount tech displays to up to 70" large format displays and video walls. Markets served include security, medical, gaming, government/military, pro-AV and broadcast television. ORION products are specifically designed and built to withstand the rigors of 24/7/365 operation common in control room and mission-critical applications. Both its people and products help ORION Images Corporation continue to build on its reputation for providing superior technology, innovative solutions, competitiveness, performance, reliability and the servicing of a diverse range of applications and market segments.



www.orionimages.com

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Peerless-AV, a Peerless Industries, Inc. company, is a leading designer, manufacturer and distributor of US-made audio-visual solutions. Their innovative product line includes mounts, wireless technology, motorized mount solutions, cables, interactive kiosks, AV support, precision gear products, surge protection, screen cleaning products and a full assortment of accessories. A 70-year-old global company, Peerless-AV has remained at the forefront of the industry, creating new AV technologies that push the envelope and provide ideal solutions to meet the needs of the consumer and pro markets. Peerless-AV manufactures over 3,600 products that serve original equipment manufacturers, commercial integrators and consumer retailers in 28 vertical markets worldwide through direct sales representatives and authorized distribution.



www.peerlessmounts.com

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ReelSimple's tough, tangle-free design makes pulling wire faster and easier. Don't let other wire boxes slow you down. Take the ReelTough Box to any job site and experience labor-saving, time-saving, hassle-free runs that take the pain out of the pull. At the same price of other brands, the choice is ReelSimple. Only available from CSC.



www.gocsc.com/ReelSimple

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Based on optical and image processing technologies accumulated over 30 years, Samsung Techwin has solidified its leadership position in the field of security solutions by developing and manufacturing cutting-edge security systems, including security cameras, digital video recorders and network control systems. Samsung Techwin America is committed to acquiring the world's best technology to expand its product portfolio. Our leading imaging technology allows us to provide a comprehensive range of products and complete solutions ranging from city surveillance to the protection of streets, airports, ports, industrial facilities and military installations. Take a look at Samsung Techwin's complete line of products and you'll see the Samsung advantage.



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SDC is an American manufacturer of premium-grade access control hardware specified by security consultants for prominent facilities worldwide. Recipient of 24 SIA Awards and recognition for innovative products, SDC is also popular among integrators and manufacturers for private labeling and custom product design services, from controllers to hardware electrification. SDC develops, manufactures and markets mechanical door locks and exit devices, access controls, electronic locking devices and security systems. SDC's locking systems can be found in virtually any application where access control of a door is required, including retail facilities, nuclear power plants, laboratories, museums, schools and universities, airports and military bases throughout the world.



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One of the world's most complete suppliers of electric locking systems and access control components, Securitron manufactures a wide range of quality products. From electromagnetic locks and accessories, to exit bars and devices, power supplies, digital entry systems and much more, Securitron is known for its commitment to excellence in customer service and product quality. An industry leader, Securitron was the first electric lock manufacturer to receive the prestigious ISO 9001 certification for their international Quality Management System. Their award-winning MagnaCare® warranty replaces any product that they manufacture, for any failure reason, for the life of the installation. The Security Industry Association recently honored the MagnaCare® warranty program with the Business Product Achievement Award.



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Maintaining a secure environment for staff, customers and the world at large is a key concern for any business. Signamax can provide a security network infrastructure that is up to those challenges. Their systems are composed of active equipment and wiring solutions, with a wide range of high-performance copper and optical fiber components. Whether you're upgrading an existing security network, building a new IP video surveillance platform or implementing perimeter security systems in harsh environments, Signamax has a broad range of solutions. Signamax systems and products are designed and engineered for the most demanding applications and stringent standard specifications, and then tested to ensure that they exceed those standards.



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As a renowned world leader in the broadcast and professional video industry, Sony was one of the first manufacturers to drive the IP video surveillance market. Sony's video legacy has translated to security products so well that they are in their fifth generation of IP-based products. Sony builds cameras using their own imagers — they are a leader in the market with H.264 streaming video — and developed the original Intelligent Video Analytics. With a lineup of network video cameras, recorders, video encoders, software and accessories, Sony offers the complete security solution. From small operations to large-scale deployments, Sony provides security systems that meet the most demanding requirements.

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For more than 55 years, Speco Technologies has been dedicated to providing the latest innovations in video surveillance and electronic accessories, as well as the highest quality audio products for residential and commercial use. They provide affordable and dependable merchandise, delivering exceptional customer service and offering extensive product training, as well as technical and marketing support. Speco Technologies has also made significant investments in American engineering to create Digital Deterrent®, a state-of-the-art surveillance technology that that serves as a visible and audible deterrent to crime. Speco Technologies is devoted to adding value to their products and services and allowing customers to grow with them.



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For more than 75 years, Talk-A-Phone Co. has been an innovative manufacturer of high-technology communication products. Their IP and analog mass notification and emergency communications solutions include highly visible towers, attractive wall mounts, indoor and outdoor paging units and more. Talk-A-Phone's equipment is widely used at college and corporate campuses, parking facilities, hospitals and mass-transit locations worldwide. Talk-A-Phone's Wide-area Emergency Broadcast System, WEBS®, provides security officials with a robust mass notification platform, capable of delivering the right message to the right people in real time. Exterior and interior paging units, emergency phones, LED signage, SMS, RSS, e-mail, fire alarm systems and other technologies previously viewed as independent notification mediums can be integrated into a comprehensive crisis management solution.



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Founded in 1972, Tatung Company of America, Inc. is a worldwide provider of technologically advanced products, customer solutions and manufacturing services. Based in Long Beach, CA, Tatung Company of America distributes a variety of products and offers a full range of manufacturing services and solutions for the world's leading PC and electronics original equipment manufacturers. Tatung Company of America serves the world with quality people, quality products, quality services and solutions.



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With more than 20 years of growth and expertise in hardware manufacturing, Transition Networks offers the ability to affordably integrate the benefits of fiber optics into any data network, in any application, in any environment. The company's media converters make conversion between disparate media types possible, providing conversion technology solutions that offer the necessary adaptations without affecting the performance, nature or appearance of the network. By offering support for multiple protocols, any interface and a multitude of hardware platforms, Transition's portfolio — backed by CSC's supply chain and logistics expertise — gives you the power to deliver and manage your network traffic reliably over fiber.



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Viking Electronics, Inc. manufactures innovative and reliable security and telecommunication products. All made in the USA, Viking products include ADA-compliant emergency phones, accessible door entry systems, video entry systems, paging/ringing amplifiers, mass notification systems, fax/modem line sharing devices, remote access devices, "Hot Line" and alarm dialers and phones. If you need product support, you will be talking to a Viking employee right in their Wisconsin plant. They have more than 40 years of experience, 250+ products and thousands of security and communication solutions.



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VIVOTEK is one of the largest manufacturers of network video solutions in the world, with distribution and integrator partners in more than 70 countries, and more than one million network cameras and video servers sold to date. VIVOTEK offers a comprehensive product lineup, including network cameras, video servers, video receivers, NVRs and central management software. Our products comply with industry standards such as ONVIF, and are integrated into many of the most popular VMS platforms and recording solutions. VIVOTEK's product portfolio ranges from aggressively cost-effective basic cameras to competitive, feature-rich models. VIVOTEK delivers reliable, practical, state-of-the-art IP surveillance solutions to the global market at competitive prices.



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Winsted is a worldwide leader in security console and furniture solutions. They create attractive, ergonomic consoles that work with your operators to improve comfort and optimize efficiency. Winsted offers stock, customized and custom consoles suitable for any control room application. Whether you are building a state-of-the-art control room from the ground up, or simply upgrading your operations, Winsted can provide the ideal solution. Their experts combine the disciplines of industrial design, ergonomics and interior design to create solutions that are efficient and eye-catching. They give special consideration to the ergonomic requirements of your operators to build consoles that reduce fatigue, improve productivity and inspire. Their commitment to customer service is second-to-none and your satisfaction is guaranteed.



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Security Solution Manufacturers

Customers work with CSC because they know we're passionate about delivering consistent, reliable service and results — day in and day out. Our Manufacturers share in this commitment by providing high-quality, innovative products and solutions.

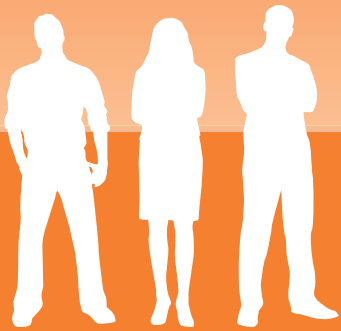


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