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markertek®

The Future of Broadcast Supply.™

Markertek is THE most important supplier in the broadcast industry. Our massive selection of interface and integration solutions is second-to-none for broadcasting, digital media, IPTV, post-production, education, worship, military, government, live events, virtual and augmented reality. We have all of the newest and most exciting solutions to help you process everything that is reshaping the new reality of media. Don't forget about our custom capabilities for non-standard applications! We are fast and easy to work with.

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CAMPLEX® Brand Fiber Gear

Camplex CMX-3GSDI-TR Singlemode 3G/HD/SD SDI Over Fiber Extender

Extend the 3G-SDI signal from your cameras or production switcher over 6 miles of single-mode fiber with the Camplex CMX-3GSDI-TR. Needing just 5-volts of power, it's the perfect compact tool for outside broadcast productions and live event video shoots. Add a Camplex ST fiber optic tactical cable and you're ready to shoot in any long distance environment!

- Extend 3G/HD/SD SDI up to 6.2 miles
- Resolutions up to 1080p@60Hz
- Link, Signal, and Power LED Indicators

CMX-3GSDI-TR • *Reg. $899.95* **Discount $849.95**

Camplex 12G SDI Over Singlemode Fiber Extender SFP-Based Transmission System

Input signals are automatically equalized & reclocked and both the transmitter and receiver have SDI looping outs for monitoring. The Camplex CMX-12GSDI-TR is perfect for outside broadcast, live event production, rental, digital signage and medical applications. The system is backwards compatible for use with 3G-SDI and SD-SDI video signals.

- Extends 12G/6G/3G/HD/SD-SDI up to 6.25 miles over Singlemode Fiber
- SFP Based (small form pluggable) fiber connector • SDI Loop Out • Embedded Audio
- 1 Reclocking SDI Loop Out on TX
- Immune to RP-198 Interference
- Input Signal Detection LED • Rugged Metal Housing
- Watertight Carrying Case is Foam Padded

12G

CAMPLEX® Brand Fiber Gear

CMX-12GSDI-TR • *Reg. $1699.95* **Discount $1599.95**

opticalCON LITE Cables by Camplex

Neutrik opticalCON LITE DUO & QUAD fiber cables by Camplex provide a semi-rugged alternative to opticalCON Advanced systems when the action calls for a compact, lightweight solution. The cable is designed to allow higher bend radius performance typically used in rack interconnects, camera cranes, steadicam rigs, truck bays and other similarly controlled environments. Best of all, It is fully compatible with standard opticalCON DUO connections.

The DUO delivers a ruggedized 2-channel fiber optic connection system for semi and permanent installation. Mated connections are waterproof acc. to IP65 safety standards and the reliable push-pull locking mechanism assures there is never an accidental disconnect. All connections are compatible with standard opticalCON DUO chassis NO2-4FDW-A connectors.

DUO LITE to DUO LITE

HF-OCL2*-0002	2-Foot	$221.49
HF-OCL2*-0003	3-Foot	$221.95
HF-OCL2*-0006	6-Foot	$222.49
HF-OCL2*-0010	10-Foot	$222.95
HF-OCL2*-0015	15-Foot	$224.49
HF-OCL2*-0025	25-Foot	$226.49
HF-OCL2*-0050	50-Foot	$232.49

*M = Multimode / S = Singlemode

QUAD LITE to QUAD LITE

HF-OCL4*-0002	2-Foot	$261.49
HF-OCL4*-0003	3-Foot	$261.95
HF-OCL4*-0006	6-Foot	$262.49
HF-OCL4*-0010	10-Foot	$263.49
HF-OCL4*-0015	15-Foot	$264.49
HF-OCL4*-0025	25-Foot	$263.49
HF-OCL4*-0050	50-Foot	$272.95

*M = Multimode / S = Singlemode

DUO LITE TO ST BREAKOUTS

HF-OCL2*-ST-02	2-Foot	$151.49
HF-OCL2*-ST-03	3-Foot	$151.49
HF-OCL2*-ST-06	6-Foot	$152.49
HF-OCL2*-ST-10	10-Foot	$152.95

*M = Multimode / S = Singlemode

QUAD LITE TO ST BREAKOUTS

HF-OCL4*-ST-02	2-Foot	$177.49
HF-OCL4*-ST-03	3-Foot	$177.49
HF-OCL4*-ST-06	6-Foot	$178.49
HF-OCL4*-ST-10	10-Foot	$179.49

*M = Multimode / S = Singlemode

DUO & QUAD to LC Breakouts & opticalCON LITE tactical reels also available at markertek.com

Camplex CMX-HDMI-TR 4K HDMI Over Fiber Extender

Extend 4K HDMI signals from your cameras, projectors or production switcher over 950 feet of multimode OM3 fiber with the Camplex CMX-HD-MI-TR. It's the perfect compact tool for live events, sports and arena video productions. Add a duplex OM3 LC Camplex fiber optic tactical cable and you're ready for high quality 4K signal transmission in any long distance environment.

- Transmission distance up to 984 feet
- LC Multimode OM3
- Supports 4Kx2K and HMDI 3D
- Up to 4K x 2K@30Hz Resolution
- LC Multimode (OM3) • Compact, lightweight design

CAMPLEX® Brand Fiber Gear

CMX-HDMI-TR • *Reg. $449.95* **Discount $399.95**

Camplex CMX-DVI-TR DVI Multimode Fiber Extender

Extend high resolution DVI signals from your computers and projection systems over 980 feet of multimode OM3 fiber with the Camplex CMX-DVI-TR. It's the perfect compact tool for live event presentations, distance learning applications and more. Add a simplex OM3 LC Camplex fiber optic tactical cable and you're ready for high quality DVI signal transmission in any long distance environment.

- Extend DVI-D up to 984 feet Multimode OM3
- Supports DVI 1920 x 1200 @60Hz
- Transmitter with EDID Learning
- Compact, Lightweight Design

CAMPLEX® Brand Fiber Gear

CMX-DVI-TR • *Reg. $499.95* **Discount $479.95**

DELVCAM®

Delvcam 17.3" 1RU Rack Drawer 3G-SDI Video Monitor with Cross Conversion

Crisp 17.3" IPS display panel with 1920x1080 resolution.

- Built-in HDMI-SDI cross conversion is perfect for KVM system integration while the built-in audio metering and vector scope will simplify camera setups
- Can be mounted in fly-packs or directly in your studio or truck racks and stows away as quickly as a laptop
- inputs including 3G-SDI BNC, DVI, HDMI and Tally
- Auto-power-down function when the monitor is folded shut into the drawer
- Drawer front also houses captive screws to secure the monitor during transport when used in mobile environments

DELV-3GHD-17RD • *Reg. $1249.95*

Your Price $1199.95

DELVCAM®

Delvcam 17.3" Rackmount 1920 x1080 3G-SDI LCD Monitor with HDMI-SDI Cross Conversion V-Mount Plate

The ultimate 17" LCD monitoring choice for TV engineers, directors and technical directors.

- 3G-SDI 17.3-inch LCD screen, LED Backlight
- Slim design with grip handles and integrated mounting bracket • Two User Definable Buttons
- Durable Black Powder-Coated Steel Housing
- Multiple signal inputs and outputs
- Stereo earphone jack • Built-in Speaker
- Built-in Talley Interface • USB for software upgrade
- HDMI/SDI Cross Conversion

DELV-3GHD-17IRM • *Reg. $999.95*

Your Price $899.95

DELVCAM®

Delvcam 10.1" 3G-SDI Camera Monitor with HDMI & VGA Inputs

Features an integrated dustproof front panel that protects the screen from light rain and dust.

- I/O control interface • High contrast: 800:1
- 3G-SDI, HDMI, DVI, VGA & AV inputs
- Display Screen: 10.1" LED IPS
- Resolution: 1280 x 800, support up to 1920 x 1080
- Aspect Ratio: 16:9 • Contrast Ratio: 800:1
- Brightness: 350cd/m2
- Viewing Angle: 170°/170° (H/V)
- Input Signal: 3G-SDI, HDMI, VGA, AV
- Output Signal: 3G-SDI • I/O port: 1 • Speaker: 1
- Battery Plate Compatibility: LPE6, F970, DU21, QM91D
- Input Voltage: DC 7-24V • Current: 800mA
- Power Consumption: <10W

DELV-SDI10-IP • *Reg. $699.95* **Your Price $599.95**

DELVCAM®

Delvcam HD 5.5" Camera-Top LCD Video Monitor - HDMI/SDI Cross Conversion

Delivers pixel perfect images to your world by offering a built in vectorscope, waveform and histogram.

- High Resolution: 1920 x 1080
- High Contrast: 1000:1 • 160° Wide Viewing Angles
- SDI and HDMI Cross Conversion Output
- Waveform, Vectorscope, and Time Code Displays
- Audio Level Meter, Histogram, and Waveform
- Right Channel Speaker and Stereo Earphone Jack
- Two User Definable Buttons
- Rugged Metal Housing • Display Screen: 5.5 inch, IPS
- Aspect Ratio: 16:9 • Brightness: 450cd/m2
- Input: 1 3G-SDI, 1 HDMI • Output: 1 3G-SDI, 1 HDMI
- Current: 1A • Power Consumption: 12W

DELV-HSW5-CC • *Reg. $899.95* **Your Price $849.95**

DELVCAM®

Delvcam 10.1" HDMI In / Out on Camera-Top Touch Screen Monitor

Delvcam creatively integrated waveform, vector scope, video analyzer, and touch control into an on-camera monitor.

- Multi-touch capacitive screen (for monitor controls only)
- Color/RGB histogram, waveform, vector scope
- Audio level meter • IPS panel 170° wide viewing angles
- High contrast: 800:1 • Abundant interfaces,
- Wide voltage: DC 7-24V • Tally indicating
- Display Screen10.1" LED IPS
- Touch Panel Multi-touch capacitive (Touch Screen functions are for Monitor Controls Only)
- Physical Resolution 1280x800, support up to 1920x1080
- Aspect Ratio 16:9 • Brightness 350cd/m2
- Contrast 800:1 • Viewing Angle 170°/170°(H/V)

DELV-TOUCH-10 • *Reg. $629.95*

Your Price $599.95

DELVCAM®

Delvcam 28" 4K UHD HDMI 3G-SDI Quad View LED Broadcast Monitor

Ideal for ENG news crews, TV stations, production studios, and directors in live and post production applications.

- 28" Screen • Viewing Options: Full Screen, Split, Quad
- Multiple Interfaces • 1 3G-SDI Input
- 4 HDMI Inputs: 1-4K, 3-1080P • High Contrast
- Removable carrying case for 100x100 & 75x75 VESA mount and rack mounting
- Aspect Ratio: 16:9 • Brightness: 450/cd/m²
- Contrast: 1000:1 • Viewing Angle: 170°/160°(H/V)
- Native Resolution: 4K, 3840x2160
- Tally Interface, Check Field, Image Flip, Overscan, Underscan, Image Freeze, Color Temperature, User Definable Function Buttons

DELV-4KSDI28 • *Reg. $1199.00* **Your Price $1079.95**

DELVCAM

Delvcam 5" Triple Rackmount 3G-SDI HDMI Video Monitor

Three 5-Inch LCD screens provide the ideal solution for fly-packs, production trucks and OB vans.

- 3 vibrant color 5-inch LCD screens
- Ultra-slim design with grip handles
- Durable black powder-coated steel 2RU cabinet
- Stereo earphone 3.5mm jack
- Customizable function buttons
- 3 color Tally Indicator controlled via DB-15 port
- 3G/HD/SD-SDI loop output • Camera 5D II Mode
- Resolution: 800 x 480 x 3 (RGB)
- Brightness: 500cd/m² • Contrast: 500:1
- Aspect Ratio: 16:9
- Viewing Angle: 70°/70°(L/R) 50°/70°(U/D)
- Color Format: PAL-4.43 / NTSC-3.58
- Power Input: 12VDC 4-pin XLR
- Each Screen: 3G/HD/SD-SDI input, 3G/HD/SD-SDI loop output, HDMI input, HDMI loop output, CVBS input, CVBS output, Audio(L/R) input, Stereo Earphone output, USB for Software Upgrade

DELV-3LCD-3GHD • *Reg. $1099.95*
Your Price $1049.95

DELVCAM

Delvcam 15" 4K UHD HDMI 3G-SDI Quad View LED 6RU Broadcast Monitor

Get the immediate satisfaction of visualizing what your viewers will see and seize control of your imagery.

- Rack Mountable - fits standard 19" 6RU equipment rack
- 15-inch Viewing Screen
- Multiple Viewing Options - Full Screen, Split, Quad
- Multiple Interfaces • 1 3G-SDI Input
- 4 HDMI Inputs: 1-4K, 3-1080P • High Contrast
- Removable carrying case for 100x100 & 75x75 VESA mount and rack mounting
- Aspect Ratio: 16:9 • Brightness: 330/cd/m²
- Contrast: 1000:1 • Viewing Angle: 176°/176°(H/V)
- Native Resolution: 4K, 3840x2160
- Special Functions: Tally Interface, Check Field, Image Flip, Overscan, Underscan, Image Freeze, Color Temperature, User Definable Function Buttons
- Image Control: Peaking, Split Screen, Quad View, User Adjustable Markers
- Input: 1 3G-SDI, 1 HDMI 2.0 (4K), 3 HDMI 1080P, 1 DVI, 1 VGA, 1 Audio • Loop Out: 1 3G-SDI

DELV-4KSDI15 • *Reg. $949.95* **Your Price $899.95**

DELVCAM

Delvcam 4K Compatible 1080P 7" 1920x1200 Camera Top LCD Monitor with OSD Audio Metering

Delivers all the next-gen features you need for independent film, field production or live event camera-top monitoring

- 4K Compatible HDMI Input
- Embedded Audio Meter Displays dB and Peaking
- HDMI Cable Lock Ensures Constant Video Transmission
- High Resolution: 1920 x 1200
- High Contrast: 1200:1 • 160° Viewing Angles
- Built-in Speaker and Stereo Headphone Jack
- Display Screen: 7 inch IPS/LED Backlit
- Aspect Ratio: 16:10
- Brightness: 450 cd/m2
- Full HD 1920x1200 Resolution
- Support 4K UHD 3840x2160p (30/29.97/25/23/23.98)
- Input:1- HDMI,1- AV, 1-OSD Controller
- Output: 3.5mm Stereo Headphone, Built-in speaker
- Power Consumption: 8W
- Input Voltage: 7-24VDC

DELV-HD7-4K • *Reg. $249.95* **Your Price $229.95**

Delvcam 1920x1200 7" HD LCD Monitor with HDMI/SDI Cross Conversion & Waveform

Don't wait till you get back to the studio to find out your critical shot went wrong!

- High Resolution: 1920 x 1200 • High Contrast: 1000:1 • 170° Wide Viewing Angles
- SDI and HDMI Cross Conversion
- Integrated Waveform & Vectorscope Displays
- Audio Level Meter • Rugged Metal Housing
- Display Screen: 7 inch • Aspect Ratio: 16:10
- Brightness: 500 cd/m2 • Input: 1- 3G-SDI, 1-HDMI
- Output: 1- 3G-SDI, 1-HDMI • Current: 1A
- Power Consumption: 13W
- Input Voltage: 7-24VDC
- Audio: 1 Speaker, 1 Earphone Jack

DELV-HD7-HSC • *Reg. $699.95*
Your Price $649.95

DELVCAM

Delvcam Wireless HDMI 7" Monitor WHDI Technology

Delvcam just made it easier to monitor your HDMI outputs when shooting video with DSLRs and camcorders!

- No HDMI Cable? No Problem!
- Wireless transmission with extremely low latency
- Transmitter distance: 30-meter
- FHD 60Hz video format supported
- High contrast: 800:1
- WHDI, YPbPr & HDMI input/output
- Wide voltage: DC 6.5-24V
- Flexible folding sunshade • Panel: 7" LED backlit
- Physical Resolution: 1024x600, support up to 1920x1080
- Aspect Ratio: 16:9 • Brightness: 250cd/m² • Viewing Angle: 160°/150°(H/V)

DELVCAM

DELV-WHDI-7 • *Reg. $829.95* **Your Price $779.95**

NEW!

OCEAN MATRIX

Single Channel 3G-SDI Video & 2 Channel XLR Audio Hum Eliminator

- Although hum & noise is less common in SDI video signals, its presence and the looming "digital cliff" can mean an entire loss of signal to any critical playout or recording system
- Produces a clean signal stripping it free noise, instability and potential jitter due to bit errors
- With the addition of 2-channel XLR audio, the AVHE-210-3G is equally perfect for use with field cameras as well as for use in fixed studio wiring
- Front panel houses a pin 1 ground lift switch, completely isolating recorder, amp or effects box from source audio equipment
- G, 1.5G, SDI and analog compatible and exceed the specifications for SMPTE 259M, 344M, 292M and ITU-R BT

OMX-AVHE-210-3G • *Reg. $349.95*
Your Price $329.95

NEW!

OCEAN MATRIX 4K

Ocean Matrix 4K UHD HDMI 2.0 Splitter/ Distribution Amplifiers

- Compact HDMI splitter / distribution amplifier to send a single 4K HDMI signal from cameras, set top boxes, Blu-ray players and digital signage players simultaneously to two or four HDMI displays, projectors, extenders or other HDMI enabled devices
- Supports HDMI 3D and 4K x 2K@60Hz when both the input and output devices support 4K x 2K
- HDMI source and HDMI displays support 3D
- Supports Bandwidth up to 18Gpbs
- HDMI2.0 Compliant • HDCP2.0 Compliant
- Audio - Supports Standard, Direct Stream Digital, and HD/HBR

OMX-HDMI-1X2-4K2 • 1x2 Splitter • *Reg. $59.95*
Your Price $56.95

OMX-HDMI-1X4-4K2 • 1x4 Splitter • *Reg. $79.95*
Your Price $74.95

NEW!

Ocean Matrix 3GSDI Extender Over IP Via Single UTP Cat5e/6e/7

- Reaches well beyond typical copper BNC cable limitations to send 3G-SDI 1080p signals across your entire network
- Employs the HDbitT protocol for better image clarity and high performance over long distances without a converter.
- Transmitter/receiver kit also accomplishes simple 1 to 1, point-to-point runs delivering full 3G-SDI 1080p signals up to 394 feet over a single Cat5/5E/Cat6 network cable.
- Compatible with new and existing systems without rewiring and automatically adapts to various cable lengths
- Ideal solution for digital signage and presentation applications where control of the video source is warranted. IR extension cables are included

OMX-3GSDI-CAT5 • *Reg. $399.95*
Your Price $379.95

NEW!

OCEAN MATRIX 4K

Ocean Matrix 4K/UHD 3x1 HDMI 2.0 Switcher with Remote Control

- Simple solution for switching between three different 4K UHD HDMI sources
- Front panel, handheld remote or RS232 control or allow you to select between three sources and route 4K signal to a single display, projection system, digital signage system or HDMI extender
- Supports resolutions up to 4Kx2K (4096 x 2160) from cameras, digital signage players, gaming consoles, set top boxes, Blu-Ray players and more
- HDMI source selection can be controlled by the included remote or by the RS232 serial port on the switcher
- Accommodates bandwidth up to 18Gbps, has a baud rate of 9600bps and handles standard audio, Direct Stream Digital and HD(HBR).
- Supports HDMI 2.0 standards as well as HDCP 2.2

OMX-HDMI3X1-V2 • *Reg. $49.95*
Your Price $44.95

NEW!

Ocean Matrix 12G-SDI Reclocking 1x6 Distribution Amplifier

- Supports all SMPTE video formats for HD and UHDTV broadcast requirements
- Six separately buffered and reclocked outputs
- Cable equalization and signal retiming
- LED indicators for signal input lock and rate
- Passes all ancillary data
- Automatic input type detection
- Additional distance can be achieved using Belden 4794R 12G SDI Coax
- Reclocking SDI signals for cascading and longer transmission
- Inter-locked power supply
- Supports 2K and 4K SDI transmission
- Universal Mounting Flanges

OMX-12GSDI-1X6 • *Reg. $369.95*
Your Price $349.95

NEW!

OCEAN MATRIX 4K

Ocean Matrix 4K/UHD 5x1 HDMI 2.0 Switcher with RS232 Control

- Fast and simple selection between multiple 4K HDMI sources
- a 5 input HDMI switcher that supports multiple resolutions and formats and includes RS232 control for professional environments
- Choose between 5 (five) HDMI devices and route signals to a single HDMI display, projector or digital signage system while supporting full 12 bit HD video, HDMI 3D and resolutions up to 4Kx2K@60Hz Ultra-HD
- HDMI source selection can be controlled by the included remote or by the RS232 serial port on the switcher
- Accommodates bandwidth up to 18Gbps, has a baud rate of 9600bps and handles standard audio, Direct Stream Digital and HD(HBR)
- Supports HDMI 2.0 standards as well as HDCP 2.2

OMX-HDMI5X1-V2 • *Reg. $64.95*
Your Price $59.95

NEW!

Sescom 2 Channel Bi-Directional Balanced XLR Audio Over a Single ST Fiber Extender

The cost effective solution for sending bi-directional balanced line level audio over a single fiber cable! The SES-FA2BAL-BD-V2 transmits broadcast audio over multimode or singlemode optical fiber. The unit maintains a broadcast quality audio signal at distances up to 1600 feet on multimode fiber & up to 12.5 miles on singlemode fiber.

SESCOM®

- Complete Transmitter/Receiver Kit with Power Supplies
- 2-Channel Bidirectional Audio on XLR Connectors
- No adjustments; pure digital processing and transmission
- Maximum Audio Level +24 dBu 20 Hz to 20 kHz Frequency Response
- Line Level Balanced Audio Operation
- Indicator LEDs monitor audio signals and power
- Standalone Chassis with Surface Mounting Bracket

SES-FA2BAL-BD-V2 • *Reg. $1049.95* **Your Price $999.95**

NEW!

Sescom Balanced Stereo Analog Audio Reference VU Meter Controlled Ballistic 40-LED per Channel Display

SESCOM®

Need to check your levels but there's no more room in your Equipment Rack? Can't imagine squeezing one more unit into the Monitor Wall? Then you need to check out the Sescom SES-VUA-1RU Pro Audio VU Meter! This Controlled Ballistic 40-LED per Channel Display is super small and light, great for tight spaces. You get control over key features like LED Brightness, Left and Right Channel Sensitivities and a selectable Display Mode.

- Balanced Stereo Analog Signals
- Phoenix-Style Connectors
- User Controls: LED Brightness, Channel R and L Sensitivities, Mode
- Display Mode: Loudness, Loudness + Peak, Loudness +Peak Hold, Sum/Diff
- Compact Design: 1RU, < 1-inch deep
- Rugged, powder-coated steel metal enclosure
- Scale: -25dB to +14dB • Voltage: 12VDC • Current: 750mA • Weight: 2lb / 900g

SES-VUA-1RU • *Reg. $999.95* **Your Price $979.95**

Sescom 4 Channel Balanced XLR Audio Over a Single ST Fiber Extender

NEW!

SESCOM®

The simplest solution for sending XLR audio over long distances via multi-mode or single-mode optical fiber. The unit maintains a broadcast quality audio signal at distances up to 1600 feet on multimode fiber & up to 12.5 miles on singlemode fiber.

- Complete Transmitter/Receiver Kit
- 16-Bit Digitally Encoded Audio
- Support Point-to-Point or Daisy-Chain
- Multimode Fiber Transmission up to 2.5 Miles without Attenuation
- Single-Mode Fiber Transmission up to 15 Miles without Attenuation
- No EMI, RFI, Cross Talk or Video Distortion and no Ground Loops
- LED Indicators for Instant System Monitoring
- Standalone Chassis with Surface Mounting Bracket

SES-FA4BAL-V2 • *Reg. $949.95* **Your Price $899.95**

Sescom UHD 4K/2K HDMI Audio Inserter & HDMI Extender

NEW!

4K

SESCOM®

A natural problem solver, the Sescom SES-AUD-N-HDMI4K is a simple solution for embedding stereo analog or multi channel surround external audio into your HDMI signal stream via a 3.5mm mini or Toslink connection.

- HDMI, HDCP 1.2 and DVI 1.0 compliant
- HDMI audio sampling rates: up to 192kHz
- Optical (Toslink) digital audio sampling rates: up to 192kHz
- HDMI supports high-bit-rate (HBR) audio
- DVI conversion with HDMI to DVI adaptor
- CEC bypass function
- L/R Audio Format Analog Stereo 2CH
- Supports 4Kx2K@24/30Hz resolution and 3D signals

SES-AUD-N-HDMI4K • *Reg. $159.95* **Your Price $149.95**

Sescom Single Channel XLR Audio Isolation Transformer

NEW!

SESCOM®

- The Sescom SES-XLR-ISO-01 is a balanced XLR audio hum eliminator/isolation transformer unit designed to remove hum and buzz created by ground loops
- Sescom's coupling transformer breaks the inter-equipment ground path rejecting noise in the input circuits while delivering pristine audio signals
- The ground pin of the XLR INPUT can be "lifted" out of the signal path via a front panel switch to isolate the ground path on the XLR OUTPUT
- This can help eliminate ground loops when mounted to equipment with a different ground reference

SES-XLR-ISO-01 • *Reg. $99.95* **Your Price $89.95**

Sescom 2 Channel XLR Audio Isolation Transformer

NEW!

SESCOM®

- The Sescom SES-XLR-ISO-02 is a balanced XLR audio hum eliminator/isolation transformer unit designed to remove hum and buzz created by these ground loops.
- Sescom's coupling transformer breaks the inter-equipment ground path rejecting noise in the input circuits while delivering pristine audio signals
- The ground pin of the XLR INPUTS can be "lifted" out of the signal path via a front panel switch to isolate the ground path on the XLR OUTPUTS
- This can help eliminate ground loops when mounted to equipment with a different ground reference

SES-XLR-ISO-02 • *Reg. $169.95* **Your Price $149.95**

NEW TIMECODE SYSTEMS

Timecode Systems
GENERATE, SYNC, SHARE

Timecode Systems :pulse

At the heart of the workflow, the :pulse is a timecode and metadata hub, and device control center. Offering sync and control in one device, it's made for multi-camera set-ups.

In its simplest form, the :pulse is a highly accurate timecode, genlock and word clock generator with an integrated RF transceiver and simultaneous Wi-Fi. But it does much more. The addition of an ethernet port combined with the power of the BLINK protocol, creates a powerful hub for not only timecode and metadata exchange, but also for wirelessly controlling devices on multi-camera shoots.

- Highly accurate timecode, genlock and word clock generator
- BLINK Hub enabled master or slave
- Zero drift between units using long range BLINK RF
- Simultaneous RF, Wi-Fi, Ethernet & DATA port connectivity
- Multicamera wireless monitor & control via BLINK Hub

TCS-TCB-PULSE • *Reg. $1195.00* **Your Price $1135.25**

Timecode Systems :wave

Designed to be the perfect companion for your sound mixer, the :wave offers advanced capability to sync, log, control and report.

Tailor made functionality to support Sound Devices 6-Series mixer/recorders, giving audio department users the ability to sync and share metadata and timecode via a bespoke Timecode Systems Sync lead from the :wave's data port to the USB port on a Sound Devices 6-Series mixer/recorder.

- Timecode, genlock & word clock • BLINK enabled master or slave
- Zero drift between units using long range BLINK RF
- Simultaneous RF, Wi-Fi & DATA port connectivity
- Wireless view, monitor & control of Sound Devices 6-Series mixer-recorders
- Elegant sound reporting using MovieSlate 8 app

TCS-TCB-WAVE • *Reg. $975.00* **Your Price $926.25**

Timecode Systems :minitrx+

Small and offering multiple mounting options, the :mini trx+ is suitable for use on everything from a large-scale film camera to a DSLR.

As a BLINK enabled device, when used in combination with a :pulse or :wave, you can remotely view, monitor and control multiple :minitrx+ units from any smartphone, tablet or computer, making it a great solution for multi-camera shoots

- Timecode, genlock & word clock
- Zero drift between units using long range BLINK RF
- Ultra compact and lightweight
- Flexible mounting
- DSLR compatible
- BLINK enabled for wireless control using BLINK Hub

TCS-MINITRX-P • **Your Price $499.99**

Timecode Systems SyncBac PRO for GoPro HERO4

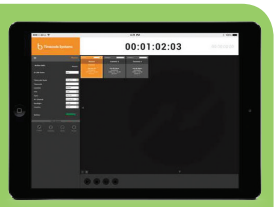
Attach a SyncBac PRO to every unit and timecode sync multiple HERO4 units via long range wireless RF. Simply make one GoPro the master unit and timecode sync unlimited GoPro slaves.

- Generates timecode embedded MP4 file at source
- Timecode sync multiple GoPros
- Timecode sync GoPros with pro camera & pro sound
- Zero drift between units using long range BLINK RF
- Wireless view, monitor & control via BLINK Hub
- Simple clip & go mounting via the HeroBus 30 pin port

TCS-SYNCBACPRO • **Your Price $269.00**

BLINK HUB

Accessed from any smartphone, tablet or computer, from this simple dashboard users can remote view, monitor and control multiple Timecode Systems units and any compatible cameras and sound recorders from their device. This offers unrivaled capability to centrally sync video and audio timecode in even the most complex multi-camera set-ups.



GreenMachine is the first 100% APP driven AV appliance.

The LYNX greenMachine is not just another piece of terminal equipment... it is a revolutionary approach and brand new concept that allows near instant customization, reconfiguration and expansion of your signal processing workflow.

The greenMachine breaks the barrier of purchasing individual rack frames & dedicated boards for your processing requirements.

The hardware itself is a powerful all-purpose audio and video processing engine that is custom configured using a selection of APPs which are purchased and downloaded separately.

You are not limited to one APP per greenMachine, APPs can be mixed, matched and combined to custom build the desired functionality and work-flow in each individual processing channel.

LYNXTechnik AG®

greenMachine® platform

LYNX GM-6820 Green Machine Callisto 3G-SDI/HDMI Video and Audio Processing Platform

- Small footprint: 1RU high x half 19" rack width
- 2x electrical SD/HD/3G SDI inputs & Outputs. Level A and Level B DL
- 1x HDMI input (1.4a) and 1x HDMI output (1.4a)
- 1x Analog reference input (bi-level or tri-level sync)
- 1x Analog reference (bi-level or tri-level sync) or CVBS composite video output
- 1x Electrical LAN I/O connection
- 4x Balanced analog audio or digital AES Audio inputs / Outputs
- 2x GPI inputs and 2x GPI outputs
- 1x Optional SDI fiber I/O (basic fiber or CWDM)
- 1x Optional Ethernet LAN Fiber connection (basic or CWDM)
- Full remote control using greenGUI control software • Full SNMP V2 support

LNX-GM-6820 • Your Price $1829.00

applications

APP Item #		Application	Your Price
LNX-GMAPP-FRASYN		Green Machine Frame Synchronizer	$375.00
LNX-GMAPP-TIMING		Green Machine Timing APP	$245.00
LNX-GMAPP-SCALER		Green Machine Scaler APP	$615.00
LNX-GMAPP-DEINT		Green Machine De-Interlace APP	$298.00
LNX-GMAPP-TESGEN		Green Machine Test Generator APP	$245.00
LNX-GMAPP-VIDADJ		Green Machine Video Adjustments	$245.00
LNX-GMAPP-LEVLAB		3G SDI Level A/B Conversion APP	$245.00
LNX-GMAPP-META		Green Machine Metadata Processing	$375.00
LNX-GMAPP-DEEMB		Audio Embedder / De-Embedder	$245.00
LNX-GMAPP-AUPROC		Green Machine Audio Processing	$298.00
LNX-GMAPP-MINOVA		Green Machine MiniNova APP	$375.00

accessories

Redundant Power Supply for Green Machine

Modular "brick" style external Power Supply for use with Green Machine. Output 12VDC (10A max) using 4 pin Molex MiniFit connector. includes US AC plug IEC power lead.

LNX-RPS-6120-US • Your Price $155.00

greenMachine® packages

greenMachine Dual Transport Package

Includes two greenMachine callisto hardware appliances, two Dual Transport APPs (one per greenMachine), four Frame Synchronizer APPs (one per transported video signal) and two MiniNova APPs. Additionally the package includes a set of bidirectional video transceiver SFP fiber modules as well as a set of bidirectional Ethernet transceiver SFP modules

LNX-GMP-DUALTRAN • Your Price $8949.00

NEW!

greenMachine Dual Frame Synchronizer Package

Includes a greenMachine callisto hardware appliance and the necessary APPs to form a fully featured dual channel frame synchronizer. This package is designed for applications that require compact, robust and dependable broadcast quality frame synchronization with full audio processing capability. Any video input (SDI, HDMI or Fiber) can be assigned to either video processing path.

LNX-GMP-DUALFS • Your Price $3359.00

NEW!

greenMachine Dual UPXD Package

Includes a greenMachine callisto hardware appliance and the necessary APPs to form a fully featured dual channel broadcast quality up/down/cross converter. This package is designed for applications that require dependable broadcast quality up/down/cross conversion and frame synchronization with full audio processing capability. The converters include powerful scaling capabilities that allow a versatile Region of Interest selection.

LNX-GMP-DUALUPXD • Your Price $4475.00

LYNX 19" 1RU Rack Frame for Green Machine

greenMachine®

- Standard 19" rack mount • Compact 1RU design
- Accommodates one or two greenMachines
- Innovative mounting options for up to two RPS 6120 power supplies (primary and redundant) • Forward rack position adjustable to recessed, flush or protruded
- Includes RPB 6000 power bridge cable

LNX-RFR-6000 • Your Price $375.00

NEW VIDEO STREAMING

NewTek Wowza MediaDS Media Distribution System

The bridge between video production and audience consumption.

A fully integrated hardware and software solution merging NewTek's industry-leading live production technology with powerful Wowza streaming software, the MediaDS makes it possible to deliver content from any production-or production system-directly to viewers. No additional services required.

- 4 multi-format SDI inputs supporting up to 3G 1080p
- 4 independent, simultaneous streaming channels
- Integrated NDI technology supporting input and output over IP
- Built-in Wowza Streaming Engine media server software
- NewTek's real-time video and audio production tools
- Support for LAN, WAN, CDN, and Cloud-based workflows

TRI-WOWZA • **Your Price $11995.00**

JVC MPEG-2 & MPEG-4 H.264 Stream IP Decoder

- ProHD BR-DE800 Decoder is a high-performance IP decoding appliance for standard definition and high definition MPEG-2 and MPEG-4 H.264 streams
- ideal for use with JVC streaming cameras including the GY-HM200, GY-LS300, GY-HM650, GY-HM850 and GY-HM890 cameras.

- Broadcast quality decoding of HD/SD streams from ProHD cameras
- Dual HD/SD-SDI outputs • Single HDMI output
- Composite video, analog audio output • 10/100 Ethernet connection
- Resolution: QCIF - full HD (1920x1080) • Military grade enclosure

JVC-BR-DE800 • *Reg. $2200.00* **Your Price $1995.00**

Thor Digital HDMI-I/P-3 HD IP Streaming Appliance with HDMI Component and Composite Inputs

Thor Digital's HDME IP-3 HD IP Streamer allows the user to stream any audio/video source over an IP Network.

- DLNA Certified
- Video resolution: Up to 1080p
- HDMI, Component, Composite inputs with auto detection
- Dual Mode H.264 MPEG-4 / MPEG-2 selectable
- Variable Bit Rate Control
- Closed Captioning
- Audio MPEG-1-Layer2(MP2), AAC, Dolby AC-3
- Easy installation and use

HDMI-IP-3 • *Reg. $999.00*
Your Price $897.00

Teradek CUBE-605 HD-SDI Encoder

10/100/1000 USB

- Dual inputs: HDMI and 3G-SDI
- Wireless Range of up to 600 ft
- Up to 15 Mbits/s
- No Internal Battery
- Full Size SD Card Recording
- Bonding with Teralink
- WiFi, Ethernet, USB 3G/4G/LTE connectivity

- RTMP, MPEG-TS, HLS, RTP/RTSP, TDS compatible • Core Compatible

TER-CUBE-605 • **Your Price $2190.00**

Z3TECH H.264 Encoder & Decoder Solution

The HE4K-01 is a network-enabled, cost-effective system that is the ideal 4K solution for industrial video, video distribution, digital signage, security and remote monitoring.

- Supporting HD resolutions up to 2160p at 30 frames per second (4K Ultra HD)
- Simultaneously Stream One Source in 4K + 1080p30
- Supports Sony VISCA Camera Control • Supports Unicast and Multicast
- Custom Video Bitrate, GOP and VBV Size • Compact form factor

Z3-HE4K-01 • **Your Price $2000.00**

WELLAV NB100 Streamcast IP Video Encoder with HDMI Component and Composite Inputs

- Compact, all-in-one design
- H.264 SD/HD and MPEG2 SD quality video encoder
- MPEG, AAC and AC3 audio encoding
- Rich IP streaming protocol support including UDP/RTP multicast or unicast, HLS-OTT, RTMP and RTSP
- QAM Annex A/C digital cable RF output

- Built-in Wi-Fi access point for web interface and for streaming
- Web interface designed for access by mobile phone browsers
- Front panel screen with status, setup and control capabilities
- Recording to and streaming from USB flash drives

WAV-NB100-A1 • *Reg. $1188.00* **Your Price $950.00**

Datavideo NVS-30 H.264 Video Streaming Encoder with Streaming & Recording Simultaneously

- Video Streaming Server
- Simultaneous Live Streaming & Recording
- HDMI Input and Output
- Up to 20Mbps Streaming/30Mbps Recording
- H.264 RTSP/RTMP Compliant Streaming
- H.264 MP4 Recording with 2 Ch AAC Audio
- Multi-Tap 10-Bit Scaler & De-Interlacer • Web UI for system configuration
- Start/Stop - Front Panel Push Buttons

DV-NVS-30 • **Your Price $995.00**

NEW VIDEO STREAMING

markertek®

Osprey Talon G1 Hardware Based H.264 Video Streaming Decoder

- Small form-factor H.264 video decoder designed to be easy to use and portable
- Using its GigE Ethernet port, Talon can decode up to 4 RTP or UDP streams (Unicast/Multicast) and display them in a resolution of up to 1080p60 via the HDMI output
- Talon can also play .TS files from an external flash drive via its USB 2.0 port
- Fanless design with a low power consumption of <6W
- Wide input voltage range of 9VDC - 17VDC

OSP-TALONG1D • Your Price $1390.00

Osprey Talon G1 2 Channel H.264 Video Streaming Contribution Encoder

- Small form-factor H.264 video encoder designed to be easy to use, portable, and easily stream both standard definition and high definition content to broadband and mobile networks in H.264 to RTMP servers.
- Fanless design with a low power consumption of <6W with a wide input voltage range of 9VDC - 17VDC
- 2 operating modes: MBR mode allows to stream one source to three destinations, LC mode is ideal for lecture capturing as it allows two sources to be streamed to two destinations.

OSP-TALONG1 • Your Price $1890.00

Osprey Talon G1 H.264 Encoder HDMI Composite Audio Input

- Small form-factor H.264 Video Encoders designed to be easy to use, portable
- Fanless design with a low power consumption of <6W. Wide input voltage range of 9VDC - 17VDC
- 1X3 MBR Mode: 1 source and streaming to up to 3 destinations in Multiple Resolutions and Bitrates. Supports Frame Alignment for seamless RTMP MBR streaming. Output formats include RTMP, RTP, UDP and Save to .TS file in resolutions up to 1080p60.
- One Touch Start • Front panel control for easy start/stop of encoding
- Closed Caption • HTTP based configuration • Professional Audio Options

OSP-TALONG1H • Your Price $1190.00

Livestream Studio HD51-4K

All-in-one Live Production 5 input Switcher with 4K

4K NEW!

livestream

With five HD-SDI or HDMI inputs, all the Studio Software features, and a high performance system, Studio HD51-4K is the perfect combination of powerful, simple and affordable. Simply plug in a screen and go.

- 5x HDMI or SDI inputs • 1x SDI / HDMI output • Up to 2 screens
- 10x Remote camera tracks • 2x Media tracks • 3 GFX tracks • 20HR
- 20 hours of broadcast quality recording • Analog audio in
- Optional included rack-mount ears • Front-panel USB / headphone

LS-HD51-4K • *Reg. $8999.00* **Your Price $8549.05**

Epiphan Webcaster X1 for Facebook Live or YouTube

Use Epiphan Webcaster X1 to stream your HD camera to your Facebook Timeline, Event, Group or Page or to Youtube. Works with any camera, mixer or device with HDMI output.

epiphan video

YouTube LIVE

- Flexibility to create videos the way you want
- HDMI out for monitoring • Professional audio
- Create a better live video streaming experience for your audience

Webcaster X1 for Facebook Live

- Wired Ethernet for reliable video streaming • Simple setup to start streaming
- Change the Facebook Live destination page and other streaming parameters

EPIP-X1-FBLIVE • Your Price $299.95

Webcaster X1 for YouTube

- Wired Ethernet or WiFi • Advanced configuration options
- Easy setup with device pairing code

EPIP-X1-YOUTUBE • Your Price $299.95

Epiphan ESP1152 Pearl-2 Rackmount Twin 6-Source Live Event Video Production Switching / Streaming / Recorder

epiphan video

Perfect for situations when you want to have one system recording ISOs while the other does live production, or where rack space is limited. These two live production video mixers let you capture, record, switch and stream video effortlessly.

- Two full Pearl-2 systems in the same 2U chassis
- Live video switching using the touch screen or web UI
- Stream audio + 12G-SDI, HD-SDI, SD-SDI, HDMI
- Up to 6 1080p HD streams at 30 fps or 2 at 60 fps
- Visual layout editor for simple creation of custom multi-view layouts

EPIP-ESP1152 • Your Price $12475.00

Pearl-2 Rackmount Twin 4K Add-on

- HD Inputs: 4 x 4K + 2 x HD • Output Ports: 2 x HDMI 4K
- Hardware Scaling: 4K to 1080p

EPIP-ESP1324 • Your Price $3500.00

Livestream Studio HD550-4K

Live Production Switcher with 4K

4K NEW!

livestream

Travel to your destination with your Studio HD550 in its custom bag, and arrive ready for a full multi-camera production.

- 5x SDI/HDMI inputs • 1x SDI/HDMI output
- The only switcher with built-in bonded transmission
- 1x Extended screen output using HDMI
- 20 hours of broadcast quality recording
- Analog audio in • 2x balanced XLR inputs
- Built-in Chroma-key • 3x Graphics tracks

LS-HD550-4K • *Reg. $9999.00*
Your Price $9499.05

markertek®

NEW MUXLAB

Muxlab 500753 HDMI/RS232 Over IP Extender Kit

NEW!

- HDMI 1.3, PoE powered
- Supports up to 1080p resolutions
- Supports IR, and RS232 transmission
- Motion JPEG compression with Very low latency
- Transmission up to 120m (400ft) over Cat5e/6 • Compatible VGA over IP with RS232

MUX-500753 • *Reg. $788.00* **Your Price $539.00**

Muxlab 500756 3G-SDI Over IP Extender Kit with PoE

NEW!

- PoE (power option)
- Low Latency Motion JPEG visually lossless technology
- Extension of SDI, HD-SDI and 3G-SDI up to 660ft / 200m
- Up to 16x Transmitters and 200 Receivers can be connected through a dedicated gigabit ethernet switch on any single network
- Compatible with HDMI over IP with RS232 products
- Supports up to 1080p/60 resolutions
- RS232 pass through control • Embedded audio support

MUX-500756 • *Reg. $1090.00*
Your Price $746.00

Muxlab KVM IP PoE Extender Kits

NEW!

- One operator can manage multiple servers/workstations
- Supports DVI up to 1920x1200 and 1080p @ 60Hz
- Supports HDMI up to 1920x1200 and 1080p @ 60Hz • Up to 330ft (100m) over Cat5e/6
- Receiver side includes a 4-port USB hub, for KVM applications
- Supports 100's of Transmitters & Receivers depending on network bandwidth
- Supports multiple point-to-point, and point-to-multipoint applications
- Supports audio insert & mic-out (TX), and audio extract & mic-in (RX)

MUX-500770 • KVM HDMI over IP PoE Extender Kit
Reg. $946.00 **Your Price $648.00**
MUX-500771 • KVM DVI over IP PoE Extender Kit
Reg. $946.00 **Your Price $648.00**

Muxlab 500733 6G-SDI Extender Over UTP with Ethernet

- Extend up to 4K @ 30Hz to 330ft (100m) over Cat5e/6
- Multichannel support for one 6G-SDI source, two 3G-SDI sources, or four HD-SDI sources
- Transmits two Ethernet signals which may be used as a return channel for AV monitoring and talk-back
- Supports RS232 pass-through for remote control and for tally light and camera control unit (CCU)
- Supported modes: SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M
- Supports all 6G channel configurations (1, 2 or 4 BNC)
- Automatic SDI Link recognition and configuration
- Automatic activation of long reach mode 500ft (150m) when 3G signal detected
- Transmitter may be PoE powered from Receiver
- Ethernet port1 can power a PoE device

MUX-500733 • *Reg. $2658.00* **Your Price $1820.00**

Muxlab 500754 Video Wall over IP with PoE

NEW!

- Configure a Video Wall array with a maximum 200 displays
- HDMI 1.3, PoE powered
- Supports up to 1080p resolutions
- Supports IR, and RS232 transmission for full control
- Visually lossless video (1 frame latency)
- Transmission up to 330ft (100m) over Cat5e/6
- Transmission up to 390ft (120m) between one (1) TX and one (1) RX when no LAN switch is used in a point-to-point scenario

MUX-500754 • *Reg. $820.00* **Your Price $561.00**

Muxlab 500759 Video Wall 4K over IP / PoE Extender Kit

- Configure a Video Wall array with 100's of displays, depending on network bandwidth
- Supports up to 4K @ 30Hz and 1080p @ 60Hz
- Visually lossless video (1 frame latency)
- Supports point-to-point, point-to-multipoint and multipoint-to-multipoint applications
- Transmission up to 330ft (100m) over Cat5e/6
- Supports audio insert (TX) & audio extract (RX)
- Supports RS232 and IR transmission for remote control • PoE powered

MUX-500759 • Video Wall 4K over IP Extender Kit with PoE
Reg. $1208.00 **Your Price $827.00**
MUX-500758 • 4K over IP Extender Kit with PoE
Reg. $1098.00 **Your Price $752.00**

MuxLab 500811 Prodigital Network Controller

NEW!

- Centralizes control of all MuxLab products within a system
- Provides web interface to manage & control MuxLab products
- Provides a mobile web interface for smartphones and tablets
- Provides control APIs (IP & RS-232) for 3rd party control integration
- Supports I/O presets to be configured
- Serves as a base platform to develop automation control applications

MUX-500811 • *Reg. $494.00* **Your Price $338.00**

Muxlab 500734 6G-SDI Extender Over LC Multimode Simplex Fiber Optic with Return Channel

- Extend up to 4K @ 30Hz resolution from 985ft (300m) over OM3 MM fiber to 265000ft (80km) over SM fiber
- Supports multichannel transmission, and can simultaneously transmit up to 9Gbps of data
- Accepts mixed signal transmission of up to one 6G-SDI signal + one 3G-SDI, or two 3G-SDI signals + two HD-SDI signals
- Supports one input and one output SDI port, plus three configurable directional SDI ports
- Supports RS232 pass-through for remote control and as a return channel for tally light and camera control unit (CCU)
- Supported modes: SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M

MUX-500734 • *Reg. $3300.00* **Your Price $2260.00**

At The Forefront of
AV over IP Innovation

Create Virtual Matrices, Splitters, Switchers, and Extenders

The MuxLab AV over IP Product Line works with Industry Leading Drivers:

Control4 · DEMOPAD · ON CONTROLS · RTI · URC Control the Experience.

www.muxlab.com

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MuxLab PRODIGITAL™

markertek®

NEW VIDEO MIXERS

Roland VR-4HD 6 Input 4 Channel All-In One HD AV Mixer With USB 3.0

- All-in-one portable production solution
- Easy to use with dedicated hardware controls and audio faders and integrated touch screen preview monitor
- 6 input, 4-Channel Video Switcher
- Supports HDMI*, RGB/Component, and Composite Video Inputs Up to 1080p
- Built-in Scaler via CH4
- 18-Channel Digital Audio Mixer with XLR, TRS, and RCA jacks along with audio from HDMI inputs
- Embedding and de-embedding of audio with delay settings
- Auto mixing and Echo Canceling function
- Composition effects including DSK (Downstream Keyer), picture-in-picture etc.
- Built-in touch quad-input multi-viewer with audio metering
- External Multi-View Output through HDMI
- USB3.0 Video/Audio Output up to 1080/30p (uncompressed) and Audio Loopback Feature
- Software control using VR-4HD RCS application for Mac and PC and remote control via USB connection
- Tally, GPIO connections
- * HDCP Compliant

ROL-VR-4HD • Your Price $2795.00

Datavideo SE-650 4 Input HD Video Switcher with HD-SDI and HDMI Inputs & Built-In Audio Mixer

- Small, cost effective, professional HD digital video switcher
- Two HD-SDI and two HDMI inputs that support video formats up-to 1080i
- Two HDMI outputs and a user assignable HD-SDI output
- Perfect device for small scale video production using professional cameras and HDMI equipment
- Features an audio mixer with microphone and unbalanced RCA audio inputs
- Advanced tools include Chromakey, Luma key, PiP, wipe generator, still store and tally

DV-SE-650 • Your Price $1199.00

Roland V-1200HD Video Production Switcher / Video Mixer

- 10 SDI and 4 HDMI inputs, and 6 SDI and 2 HDMI outputs
- 4:2:2/4:4:4 hybrid engine
- The 4:2:2 process functions as a 2 M/E switcher that is able to switch 2 M/E, 1.5 M/E, and 1 M/E.
- The 4:4:4 process functions as a multi-format processor that supports live presentation, split-screen, and matrix output.
- 4K switching mode
- Up to 92 Inputs/Outputs 16-channel audio mixer
- Control of up to 7 remote cameras
- Optional control surface with a T-fader and dual displays
- All switcher functions can be operated from a computer using remote control software, V-1200HD RCS
- Input/output expandable via expansion slots

ROL-V-1200HD • Your Price $9995.00

Datavideo RMC-400 Multi-Channel Instant Replay Control

- Control up to 4 HDR-10 replay units at the same time through USB
- One button replay short cut keys with variable mark in values
- T-Bar adjusts replay speeds from 0% (stopped motion) to 400% (4 x normal playback speed)
- Jog wheel allows frame by frame movement in replay mode when paused or speed is at 0%
- Shuttle wheel can FFWD as well as REW during replay
- Replaces the Shuttle Xpress Controller

DV-RMC-400 • Your Price $499.00

Datavideo HDR-10 Single Channel SSD Drive Replay Recorder

- Single channel highlight replay unit
- Internal 4GB (30sec.) Buffer to capture and review the event
- 3G / HD-SDI input, output and loop through with embedded audio
- GPI interface allows other devices such as switcher to trigger the playback
- Recording file formats: MOV

DV-HDR-10 • Your Price $1300.00

JLCooper Proton Compact Live Switcher Panel for BlackMagic Design ATEM

- Lightning Fast Tactile Control Panel
- Precision Control Knobs with Push-Button Encoders
- Backlit Re-legendable Buttons
- 16.77 Million Colors on Switcher Buttons
- 240 x 96 Backlit Graphic Display
- 2 x 40 Backlit LCD Display
- Variable Brightness on All Displays and Buttons
- 4 Assignable Macro Buttons
- Smooth Precision Aluminum T-Bar Transtion Control
- LED Bar Displays Transition Progress
- Nearly All Functions of Larger and More Costly Panels
- Extensive ATEM Parameter Control
- Labels Automatically Appear on Scribble Strip
- Fast Selection of Macros at the Push of a Button
- Fade to black
- Graphic Display of Wipe Patterns
- Internal Switching Power Supply
- Install it on a Sliding Rack Shelf or 19" Rack Tray
- UDP - Multiple Panels Can Be Used Simultaneously
- Host Mode for Software Developers

JLC-PROTON • Your Price $2499.95

Datavideo HS-1200 HD 6 Channel Portable Production Studio

- Cost effective 6 channel broad-cast-quality hand-carry mobile switcher
- Designed for live events and TV programs that need to mix a variety of video and audio sources
- Lightweight, portable and powerful featured mobile studio solution
- Inputs: 4 x SDI, 2 x HDMI
- 2 x Upstream Keyers, supporting Chroma Key & Linear/Luma Key
- 2 x DSK, supporting Linear & Luma Key Modes
- 1 x PIP (assignable to any of the 4 keyers)
- Built-in 17.3" HD LCD monitor that displays Program and Preview on a single screen.

DV-HS-1200 • Your Price $2995.00

NEW POV & PTZ CAMERAS

markertek®

Marshall Electronics CV-612HT-4K 4K Pan-Tilt-Zoom Camera

- Built around a 4K UHD 9 Megapixel 1/2.8-inch sensor with durable and smooth simultaneous Pan-Tilt-Zoom operation
- High Speed: 60, 59.94, 50, 30, 29.97, 25fps (NTSC/PAL)
- Clear Image Zoom: 1.67x (4K:20x), 2.0x (1080p24x), 12x optical - 12x digital
- Wide Angle-of-View at 3.9mm - 74° Panoramic AOV
- Pan Range: -170° ~ +170°, Tilt Range: -30° ~ +90°
- 128 preset locations with variable transition speeds
- Quiet, smooth, durable PAN-TILT-ZOOM motor allows for quality transitions
- HDBaseT (uncompressed), HDMI outputs
- RS422/RS232 Remote Control Interface at High Comm Speeds
- Mountable via table/wall/ceiling (ceiling mounts included) with flippable images

MAR-CV612HT-4K • Your Price $3895.00

JVC KY-PZ100B Robotic PTZ POV Video Production Camera

- Features JVC's unique IP communications engine providing network connection via WiFi, 4G-LTE, or cabled LAN
- 1/2.8-inch CMOS sensor (2.2 million pixels)
- Optical zoom lens with 30x zoom ratio (4.3-129mm, f/1.6~4.7)
- 12x digital zoom
- Autofocus and image stabilization built-in.
- Fast f/1.6-4.7 maximum aperture for excellent low light
- High sensitivity mode (down to 0.01 lux)
- Direct drive motor for smooth, quiet and accurate pan and tilt
- PoE+ equipped: LAN cable enables simultaneous streaming, camera control and power supply
- Full HD 1080p, 1080i, 720p video
- Simultaneous 3G-SDI and HDMI and IP digital outputs
- 2 channels audio (or 1 channel balanced audio)
- USB host connection for WiFi or 4G LTE adapter

JVC-KY-PZ100B • Your Price $3195.00

Epiphan ESP1040 LUMiO 1080p PTZ POV Camera with 12X Optical Zoom

- Get a beautiful, wide 72.5° view of your event, captured at 1080p
- Camera sensor: 1/2.3" high quality 12 MP HD CMOS sensor
- Video output connectors: 3G-SDI, DVI-I (with HDMI support)
- Video output resolutions: 1280x720 (720p), 1920x1080 (1080p)
- Available frame rates: 25, 29.97, 50 or 59.94 fps
- Zoom: 12x optical zoom + 2x digital zoom
- Viewing angle: 6.3° (telephoto) to 72.5° (wide)
- Pan rotation angles supported: -170° to +170°
- Tilt rotation angles supported: -35° to +90° (can be ceiling-mounted)
- Pan speed: 0° to 120°/s • Tilt speed: 0° to 80°/s
- Number of presets supported: 128

EPIP-ESP1040 • Your Price $1499.00

Marshall CV565-MGB MINI Genlock Broadcast Camera

- 2.5 Megapixel 1/3-inch CMOS Sensor
- 3.7mm Megapixel M12 Prime Lens installed (interchangeable)
- GENLOCK Tri-Level Sync at camera level to ensure clean switching between cameras
- Sync in 3GSDI (1080p59.94/50/60fps) as well as HDSDI (1080i59.94/50/60fps and 1280x720p59.94/50/60fps)
- Supports resolutions of 1920x1080p, 1920x1080i, and 1280x720p
- Camera will adjust to Resolution & Framerate of Sync source
- 3G/HD-SDI (BNC) & HDMI (full size v1.3) built into rear panel
- Captures sharp & vivid color images at 0.2lux (low light sensitive)
- New WDR function adjusts automatically to bright and dark areas in FOV

MAR-CV565-MGB • Your Price $799.00

Sony BRC-X1000 4K PTZ Camera with 1-Inch Exmor R CMOS Sensor

- Sony's first 4K remote camera, combining uncompromising broadcast picture quality and smooth, silent PTZ operation with the flexibility of 3G-SDI and HDMI connections
- The 1-inch type Exmor R CMOS image sensor captures detail-packed 4K footage at 30p with four times the pixel count of Full HD, and excellent low-light sensitivity
- Enhanced Pan/Tilt/Zoom (PTZ) operation
- Uncompromising 4K images • Cinematic 24p pictures
- High quality 12x optical zoom and 18x(4K) or 24x(HD) with Clear Image Zoom
- Excellent low light sensitivity
- Flexible installation • Remote operation • Genlock
- Versatile video outputs • Front and rear tally lamps
- Always up to date

SNY-BRC-X1000 • Your Price $9999.99

Sony BRC-H800 HD PTZ Camera with 1-Inch Exmor R CMOS

- Camera combines uncompromising broadcast picture quality and smooth, silent PTZ operation with the flexibility of 3G-SDI and HDMI connections
- The 1-inch type Exmor R CMOS image sensor captures crisp, low-noise Full HD images at 60p, with excellent low-light sensitivity
- Enhanced Pan/Tilt/Zoom (PTZ) operation
- Broadcast quality Full HD 60p images
- Cinematic 24p pictures
- High quality 12x optical zoom and 24x(HD) with Clear Image Zoom
- Excellent low light sensitivity
- Flexible installation • Remote operation
- Genlock • Versatile video outputs
- Front and rear tally lamps • Always up to date

SNY-BRC-H800 • Your Price $8399.99

markertek®

NEW AJA VIDEO SYSTEMS

AJA-ROVORX-SDI

AJA-ROI-SDI

AJA-IPR-1G-HDMI

AJA-IPR-1G-SDI

AJA RovoRx-SDI UltraHD/HD HDBaseT Receiver to 6G/3G-SDI & HDMI Frame Sync with PoH & Genlock

- 4x 6G/3G-SDI outputs support video and embedded audio for incredible multi-format compatibility
- 8-Channels (4 pairs) of SDI embedded audio supported
- DA Mode for distributing 6G/3G-SDI UltraHD and HD signals from HDBaseT sources
- HDMI simultaneous output for UltraHD and HD displays
- REF in/out that can be genlocked with other broadcast gear
- USB port for software configuration of SDI settings
- Power over HDBaseT (PoH), allowing RovoCam to be powered remotely from its physical location

AJA-ROVORX-SDI • Your Price $995.00

AJA ROI-SDI 3G-SDI to HDMI/3G-SDI Scan Converter with Region of Interest Scaling

- 3G-SDI to 3G-SDI Scan Conversion
- 3G-SDI to HDMI and 3G-SDI conversion
- Region of Interest scaling
- 2x Mirrored Processed Outputs (1x 3G-SDI BNC and 1x HDMI)
- 1x Clean 3G-SDI BNC Loop Out • Audio embedding
- Aspect ratio conversion • Genlock input
- Configure via USB port and supplied Mini-Config software (Mac or Windows)
- Support for a range of video formats including 1080p, 1080i, 720p, 625i and 525i
- 2-Channel Analog RCA Audio Outputs; Embedded 8-Channel SDI audio; and 2-Channel or 8-Channel embedded HDMI Audio

AJA-ROI-SDI • Your Price $995.00

AJA IPR-1G-HDMI JPEG 2000 IP Video and Audio to HDMI Mini Converter

- 1x RJ-45 (IEC 60603-7) for 10/100/1000Base-T Ethernet media input
- Essence support: VSF TR-01 and other JPEG 2000 MPEG-2 workflows
- Rugged, fanless, portable design • Full size HDMI 1.4 video output
- Embedded and analog audio outputs • Full 10-bit pixel processing pipeline
- Network (LAN) control and status
- Quick network setup with AJA eMini-Setup software

AJA-IPR-1G-HDMI • Your Price $795.00

AJA IPR-1G-SDI JPEG 2000 IP Video and Audio to 3G-SDI Converter

- JPEG 2000 IP Video and Audio to 3G-SDI Converter
- 1x RJ-45 (IEC 60603-7) for 10/100/1000Base-T Ethernet media input
- Essence support: VSF TR-01 and other JPEG 2000 MPEG-2 workflows
- Rugged, fanless design • 1x 3G-SDI BNC output with 4:2:2 10-bits/pixel
- Embedded and analog audio outputs • Full 10-bit pixel processing pipeline
- Network (LAN) control and status • Quick network setup

AJA-IPR-1G-SDI • Your Price $795.00

AJA KUMO 64x64 Compact 3G-SDI Matrix Routing Switcher

- 64 3G-SDI inputs and outputs making it perfect for larger environments and high-density applications giving you the capacity you require as your routing needs grow
- 4K, 3G, HD, SD Support • Powerful Signal Control • Broadcast Quality
- Simple Installation and Configuration • Redundant Power Supplies

AJA-KUMO6464 • Your Price $7995.00

AJA FS4 4 Channel 2K/HD/SD or 1 Channel 4K/UltraHD Frame Synchronizer and Up/Down Cross-Converter

- AJA's flagship frame synchronizer and converter offers incredible versatility and connectivity in a sleek 1RU frame for all your 4K/UltraHD and 2K/HD/SD conversion needs.
- Offering a wide range of connection options for both video and audio, FS4 can do the work of four separate devices in 2K/HD/SD or combine all processors and channels together for maximum flexibility for 4K/UltraHD productivity.
- Modes of Operation: Four independent 2K, HD, or SD Video Processors, One 4K, UltraHD, 2K, HD, or SD Video Processor

AJA-FS4 • Your Price $4995.00

Game Changers

New Technology for Broadcast IP, Multi-Channel HD, 4K/UltraHD, Routing, Streaming, Capture and More

KONA® IP
Computer I/O for Broadcast IP

KONA IP offers the simplest path for your transition into Broadcast IP pipelines, with SMPTE 2022-6 and newly added 2022-7 support for redundant signal reliability, with more coming soon including JPEG 2000 workflows.

KUMO® 6464
Routing to the Max

The new KUMO 6464 is the most dense router in the KUMO family with 64 x 64 channels of 3G-SDI routing in a 4RU frame. Perfect for complex HD/SD workflows, or configurable as a 16 x 16 4K/UltraHD router, KUMO 6464 is easily configurable over any browser everywhere with its built in web server for ultimate simplicity.

HELO
Stream and Record... at the Touch of a Button

HELO is a mobile stand-alone recorder and streaming device with all the inputs you need for capture and a wealth of ports for recording to USB, SD, and network storage.

Deliver your stream directly to a web Content Distribution Network (CDN) while simultaneously recording high quality, compact size H.264 files.

ROI-SDI
Trim the Fat
ROI Scaling for Baseband Video

The ROI® family of Region of Interest scalers has earned an enviable position in the market as the highest quality, most cost effective answer for computer desktop to baseband scaling in the business. ROI-SDI now offers the same power and flexibility for baseband workflows, with simple extraction and scaling from 3G-SDI to 3G-SDI and HDMI. Keep what you need, lose what you don't.

Find out more at | www.aja.com

AJA® VIDEO SYSTEMS

NEW VIDEO CONVERTERS

BirdDog Studio BDSTUM01 SDI and HDMI to NDI (Network Device Interface) Encoder with Tally and PoE

BirdDog Studio enables your existing cameras to be included into a new IP workflow for your live productions.

Once you convert your HDMI or SDI signal to IP the possibilities of live productions are magnified. Any network connection becomes a live video input into your switcher. No need to run long SDI cables or purchase expensive video routers, simply access your live video in real time anywhere on your network.

- SDI to NDI with loop out
- HDMI to NDI with loop out
- Cross convert SDI and HDMI
- Bi-color tally. Program and preview
- DC and Power over Ethernet (PoE)
- Web and Mobile based fleet management
- V-Mount and Anton Bauer mounting options with power pass through

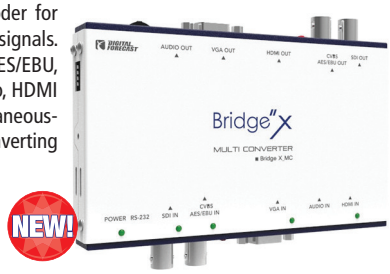
BirdDog

BDS-BDSTUM01 • **Your Price $895.00**

Digital Forecast Bridge X-MC Multi Converter

Converts Input CVBS AES/EBU SDI VGA Component Analog Audio & HDMI to Output

Bridge X MC converts video transcoder for all analog and digital video/audio signals. It converts any input signals CVBS, AES/EBU, SDI, VGA, COMPONENT, Analog Audio, HDMI to any of those output signals simultaneously. Multi format up/down/cross converting and Audio Mux, DeMux Function.



- Up/Down/Cross/Scan converter
- Audio Mux Function
- HDMI in/output
- Audio Mux Function
- Audio DeMux Function
- User selectable output format
- User selectable output ARC
- Multiple standard video/audio signal (CVBS, AES/EBU, SDI, VGA, COMPONENT, Analog Audio, HDMI)

DIGITAL FORECAST

DF-X-MC • *Reg. $599.00* **Your Price $569.00**

Digital Forecast Bridge X-TS Troubleshooter BUNDLE

Multi Platform A/V Signal Converter - Analyzer SDI HDMI VGA RGB AES

Digital Forecast has reached higher ground with the release of their Bridge X-TS Trouble Shooter. The Bridge X-TS is a multi-platform signal converter/analyzer/test-pattern generator and a whole lot more!

- Up/Down/Cross/Scan converter
- Multiple standard Video / Audio signal
- CVBS, AES/EBU, SDI, VGA, COMPONENT, Analog audio, HDMI
- Analog audio MUX / DEMUX
- User selectable output format
- Test Pattern Generator
- Menu OSD function
- Audio level check (Most 8 channels are monitored)
- Touch Screen LCD Built in For Input signal monitoring

DIGITAL FORECAST

DF-X-TS-BUNDLE • *Reg. $1199.00*
Your Price $1139.00

Theatrixx xVision Video Converters

Introducing the world's first video converters truly designed for the road.

Video converters nowadays are used everywhere on professional A/V events, presentations, live shows and tours and often have a critical role.

- Integrated power supply with locking PowerCON True 1 Connector. Never rely on a cluster of wall-warts again.
- Built-in convenience AC outlet to power nearby projector, TV, laptop, small video projector.
- Magnetic stacking system and non-skid rubber pad for table top application.
- Rugged, Tour-ready and aesthetic enclosure
- Plug-n-play operation
- Clear and ample status LED indicators for quick troubleshooting.
- Easy on-the-field identification with unique color and alphabetic coding system.
- All outputs fully reclocked and amplified.

XVV-SDI2SDI-TRUE • Video Converter Dual Channel SDI Repeater
Reg. $790.00 **Your Price $590.00**

XVV-SDIDA-TRUE1 • Video Converter SDI DA - Powercon True1 In/Thru
Reg. $816.00 **Your Price $510.00**

XVV-SDI2HDMITRUE • Video Converter SDI to HDMI - Powercon True1 In/Thru
Reg. $792.00 **Your Price $594.00**

XVV-HDMI2SDITRUE • Video Converter HDMI to SDI - Powercon True1 In/Thru
Reg. $792.00 **Your Price $594.00**

StarTech.com
Hard-to-find made easy®

Startech Composite and S-Video to HDMI Converter with Audio

The VID2HDCON Composite and S-Video to HDMI Video Converter (with Audio) lets you connect an S-Video or Composite device, along with supporting 3.5mm audio, to your HDMI monitor or television.

- Functions with NTSC and PAL systems
- PC/TV resolution selector switch for compatibility with many different displays
- 50/60 Hz frame rate conversion • On Screen Display
- Plug and play installation - no software/drivers required
- Advance 3D motion adaptive de-interlace
- 3D (frame based) motion adaptive YNR/CNR noise reduction

ST-VID2HDCON • *Reg. $179.99* **Your Price $171.49**

KanexPro HDMI to SDI Converter

- Supreme quality HDMI conversion to HD-SDI
- SDI loop output for duplication or broadcasting
- Built-in re-clocking & equalization
- Integrated Audio de-embedder for 2-channel / 48KHz audio • Supports multiple video resolutions:
- SDI 525i, 625i, HD: 720p 24, 25,30,50 & 60 Hz
- HD: 1080i 50 & 60 Hz. • HD: 1080p 24, 25,30, 50 & 60 Hz • 3G mode length up to 130m
- HD mode length up to: 170m • SD mode length up to 300m

KanexPro™

KAN-SDI-HDSDXPRO • *Reg. $179.95* **Your Price $159.95**

Blackmagic BMD-SWATEMTVSTU/HD
ATEM Television Studio HD Live Production Switcher

NEW!

- ATEM Television Studio HD is the first live production switcher designed for both broadcasters and AV professionals
- 4 x 3G-SDI and 4 x HDMI inputs for a total of 8 inputs, all with auto re-sync
- Supports all video formats from SD to 720p, 1080i and 1080p HD up to 60fps
- 1 x built in multi view for 8 sources, as well as preview and program
- Built in media pool graphics storage for 20 RGBA stills
- Built in DVE with 3D borders and drop shadow
- Transitions include cut, mix, dip, SMPTE wipes and more
- 1 upstream keyer including chroma keyer plus 2 downstream keyers
- 1 auxiliary output with front panel aux switching buttons and LCD screen for viewing
- Built in audio mixer live mixes embedded audio from all video inputs and independent audio inputs • Balanced XLR stereo analog audio inputs

BMD-SWATEMTVSTHD • *Reg. $995.00* **Your Price $945.25**

Blackmagic Design Teranex AV Standards Converter
12G-SDI & HDMI 2.0 I/O & Loop Through

NEW!

- Teranex AV is specifically designed with new features for live events and professional AV installations, as well as broadcast and post production workflows
- You get 1,089 up, down, cross and standards conversions for all formats up to 2160p60, along with Teranex's patented algorithms and legendary image quality
- Ultra low latency, as low as 67 milliseconds
- HDMI 2.0a, 12G-SDI in, out and loop through connections
- XLR connections for 2 channels of balanced analog and 4 channels of AES/EBU audio input • Consumer HiFi connections for 2 channels of audio input from devices like laptops and iPods
- Optical fiber cage for adding optional SMPTE compatible fiber optic SDI modules
- Internal still store and live freeze modes • Patented Teranex processing for extremely high quality up, down, cross and standards conversions
- Retains all ancillary data such as timecode and subtitles
- 16 channels of frame accurate audio conversions and full audio channel remapping

BMD-TERANEX-AV • *Reg. $1695.00* **Your Price $1610.25**

NEW!

Blackmagic BMD-BDLKWEBPTR Web Presenter

- Featuring 12G-SDI and HDMI connections, the Blackmagic Web Presenter will down convert any SD, HD and Ultra HD sources and make them look like a 720p USB webcam
- No drivers required, works with popular streaming software such as Open Broadcaster, XSplit Broadcaster, YouTube Live, Facebook Live, Periscope, Twitch.TV and more
- Supports all SD, HD and Ultra HD input sources up to 2160p60 • 12G-SDI input with 12G-SDI loop output
- 12G-SDI program output • HDMI 2.0 input with independent HDMI loop output
- HDMI video input re-sync for live switching • XLR balanced mic/line level audio input
- Consumer HiFi connections for 2 channels of audio input
- Teranex quality down converter

BMD-BDLKWEBPTR • *Reg. $495.00* **Your Price $470.25**

Blackmagic Design URSA Mini Pro 4.6K Camera

NEW!

- The URSA Mini Pro is a professional digital film camera that combines incredible 4.6K image quality with the features and controls of a traditional broadcast camera!
- 4" LCD Capacitive Touchscreen
- EF Lens Mount • Built in ND Filters
- 25.34mm x 14.25mm (Super35) Effective Sensor Size
- 15 Stop Dynamic Range
- Multiple Shooting Resolutions including 4K, ULTRA HD, 3K, and 2K
- Analog & AES Audio Input: 2 x XLR analog switchable between mic, line and AES audio. Phantom power support

BMD-URSAMUPRO46K • **Your Price $5995.00**

NEW!

Blackmagic BMD-HYPERD/STM HyperDeck Studio Mini

- HyperDeck Studio Mini is a miniaturized broadcast deck that's so compact and portable you can use it anywhere!
- SD, HD and Ultra HD recorder and player • 1 x 6G-SDI input, 2 x 6G-SDI outputs, 1 x HDMI output
- Two SD card slots for continuous recording to regular SD cards or UHS-II cards
- ProRes and DNx codec support
- ProRes 4444 playback with fill and key
- LCD for monitoring, status information and menu settings
- FTP over ethernet • Remote control via ethernet or RS-422 connection
- Internal sync generator • Power over ethernet, PoE+ • Built in power supply

BMD-HYPERD-STM • *Reg. $695.00* **Your Price $660.25**

Blackmagic DeckLink Mini Recorder
4K Low Profile PCIe Capture & Playback Cards

NEW!

- 4K low profile PCIe capture card, featuring 6G-SDI and the latest HDMI 2.0a connections so you can record all formats up to 2160p30 on your computer!
- The SDI and HDMI inputs automatically detect and switch between all video formats
- You even get high dynamic range recording and metadata over HDMI, along with support for Rec. 2020 color space
- The DeckLink Mini Recorder 4K is perfect for integrating into mobile live capture environments, broadcast trucks and more!
- You can even develop your own custom capture solutions using the Blackmagic Desktop Video SDK for Mac OS X, Windows and Linux!
- Includes two PCIe shields for both full height and low profile slots

BMD-DLMR4K • DeckLink Capture Card • *Reg. $195.00* **Your Price $195.00**
BMD-DLMM4K • DeckLink Playback Card • *Reg. $195.00* **Your Price $195.00**

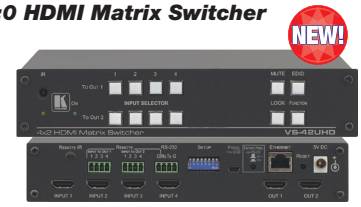
Kramer HQUltra 12 Input 4K60 4:2:0 HDBaseT and Legacy Presentation Switcher/Scaler H.264 Streaming

KRAMER

- HQUltra Scaling • HQUltraFast Switching
- H.264 1080p Streaming Video Input
- HDCP Compliant • Resolution Support • Genlock Input • Ease of Setup
- Color Calibration • Pan-Tilt-Zoom Control • LED Videowall Scaling
- Built-in Test Patterns • Supports Customized Video Logo
- Flexible Aspect Ratio Conversion • Audio Handling • Analog Audio
- Speaker Outputs • Picture-in Picture • Multiple Outputs
- Flexible Control Options • USB Connectors

KR-VP-798ASV • *Reg. $8260.00* **Your Price $6608.00**

Kramer 4x2 4K60 4:2:0 HDMI Matrix Switcher



KRAMER 4K

- Resolutions up to UXGA and 4K x 2K
- HDCP compliant
- Automatic switching (last connected/ priority)
- Video clock detection
- Size - Desktop - Mount 2 units side-by-side in a 1U rack space with the optional RK-1 adapter
- Audio - E • Bandwidth: Up to 8.91Gbps data rate (2.97Gbps per graphic channel)
- Ports: 1 Ethernet on an RJ45 connector; 1 IR on a 3.5mm mini jack; 12 remote selection contact closure switches on 13 terminal block pins; 1 serial port on a 3pin terminal block; 1 program port on a mini USB

KR-VS-42UHD • *Reg. $1200.00* **Your Price $960.00**

Kramer 4x4 4K60 4:2:0 HDMI/HDBaseT Extended-Reach PoE Matrix Switcher

KRAMER

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel)
- Max. Resolution - Up to 4K@60Hz (4:2:0) and WUXGA
- HDBaseT Range - Up to 130m (430ft) at normal mode (2K), up to 100m at normal mode (4K); up to 180m (590ft) ultra mode (1080p @60Hz @24bpp) when using BC-UNIKAT cables
- HDBaseT Extension - Includes Video, Audio, Ethernet, RS-232 and IR signals
- Outputs - 4 HDBaseT with outputs 1 and 2 having simultaneous HDMI outputs
- PoE provider to HDBaseT receivers such as the TP-588D and TP-780RXR.
- HDTV Compatible • HDCP Compliant
- EDID Capture - Copies and stores the EDID from a display device
- HDMI Support - 3D, Deep Color, x.v.ColorT, Lip Sync, Dolbyr TrueHD, Dolby Digital Plus, DTS-HDr and 7.1 multi-channel audio

KR-VS-44DT • *Reg. $3660.00* **Your Price $2928.00**

Kramer 6x2 Presentation Switcher/Scaler for HDMI HDBaseT Analog Signals and a 4x1 USB Switcher

KRAMER 4K

- Pix-Perfect Scaling Technology
- 3:2 and 2:2 Pull Down
- HDBaseT Range - Up to 230ft
- Max Resolution - 1080p/UXGA
- I/O Audio Level Adjustment
- Microphone Input - Phantom Power
- Built-in ProcAmp
- IR with OSD, Ethernet with built-in Web pages and RS-232
- Size - Standard 19" (2U). Rack "ears" included. • Audio - U/B/D/E

KR-VP-553XL • *Reg. $3300.00* **Your Price $2640.00**

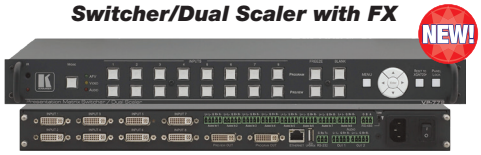
Kramer HQUltra 11 Input 4K60 4:2:0 HDBaseT and Legacy Presentation Switcher/Scaler

KRAMER 4K

- Universal 4K@60Hz (4:2:0) presentation scaler switcher for HDMI, DisplayPort, HDBaseT, VGA, composite, DVIU and 3G HDSDI signals and analog audio
- HQUltra Scaling • HQUltraFast Switching
- HDCP Compliant • Resolution Support
- Ease of Setup • Genlock Input • Color Calibration
- Pan-Tilt-Zoom Control • Built-in Test Patterns
- Supports Customized Video Logo
- Flexible Aspect Ratio Conversion
- Audio Handling • Analog Audio • audio mixer
- Speaker Outputs • Picture-in Picture
- Multiple Outputs • Flexible Control Options
- USB Connectors

KR-VP-797A110V • *Reg. $6195.00*
Your Price $4956.00

Kramer 8 Input 4K30 UHD DVI (HDCP) ProScale Presentation Matrix Switcher/Dual Scaler with FX



KRAMER 4K

- PixPerfect Scaling Technology • K-IIT XL PIP
- Dual Scalers - Seamless Switching
- Program and Preview Outputs
- Max Output Resolutions - 4K30 UHD (3840x2160)
- Built-in Proc-Amp
- Embed/De-Embed HDMI Audio Support
- I/O Audio Level Adjustment
- Luma and Chroma Keying
- Built-In Test Patterns
- Advanced EDID Management
- Supports HDMI Deep Color
- Control - Ethernet, IR , RS-485 & RS-232

KR-VP-772 • *Reg. $4995.00*
Your Price $3996.00

Kramer 4K60 4:2:0 HDMI and Computer Graphics Automatic Video Switcher

KRAMER 4K

- Resolution Support up to 4K at 60Hz (4:2:0) UHD
- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel)
- Automatic Live Input Detection
- Automatic Input Selection
- Automatic Analog Audio Detection and Embedding
- I-EDIDPro Kramer Intelligent EDID Processing
- Data Equalization and Reclocking
- Local Balanced Audio De-Embedding
- Support for Digital Audio Formats
- Local Step-In Switching
- MegaTOOLS - Mount 2 units side-by-side in a 1U rack space with the optional RK-T2B rack adapter.
- Audio - U/E

KR-DIP-31 • *Reg. $840.00*
Your Price $672.00

NEW HD-SDI DISTRIBUTION AMPS

markertek®

Freakshow HD Mini 1x2 4K 3G-12G HD-SDI Reclocking Video Distribution Amplifier

- Fits anywhere and can extend cable lengths up to 700 feet
- With a 12G/HD/SD-SDI input, never be limited again
- The 4K 1x2 D.A mini converter is future-proofed for the 4K world
- While still supporting 3G digital signals and out-performing the previous generation, these units are also able to work with up to a 12G signal

FREAKS-1X2DA-4K • Your Price $289.00

Freakshow 2x4 3G HD-SDI Reclocking Video Distribution Amplifier

- A complete video assist system in a box
- Two inputs, 4 outputs, re-clocking, switching, and equalizing all in a compact internal Battery powered package
- Switch between A and B 1x4 modes as well as 2x4 mode to provide maximum signal flexibility
- The re-clocked and equalized output extends two 3Gb signals over 400ft each

FREAKS-2X4SWDA • Your Price $489.00

Freakshow HD 1x3 DA Plus Battery Powered 1x3 Re-Clocking DA

- Freakshow's battery powered 1x3 3G/HD/SD-SDI re-clocking D.A has you covered up to an extra 350 feet and 12 hours of continuous use on the rechargeable battery
- Rechargeable Internal Lithium Polymer Battery
- 12-36 Volt DC Operation
- Locking Power Connector
- Internal HD-SDI, SD-SDI and Power Confidence LED
- Operate & charge while connected to external power

FREAKS-1X3DAPLUS • Your Price $399.00

Freakshow HD 1x4 4K 3G-12G HD-SDI Reclocking Video Distribution Amplifier

- Freakshow HD's signature battery powered distribution amplifier is all grown up.
- This is a simple use, high-performance DA designed to split a single 4K HDMIr signal to feed up to four separate switchers, displays, AV receivers, and other devices.
- Freakshow's 1x4 12Gb 4K re-clocking DA has 12 hours of continuous usage and the ability to extend 3Gb cable runs up to an amazing 800 feet and 12Gb/4K cable runs up to 250 feet.
- Freakshow's 1x4DA-4K use an internal battery similar to a cell phone.

FREAKS-1X4DA-4K • Your Price $429.00

Osprey 4K Ultra HD Reclocking 12G-SDI DA

- Signal Reclocking SDI Distribution Amp with Automatic Input Detection
- Accepts any single link SDI input up to 12G and passes it directly to four outputs while preserving Ancillary Data and Embedded Audio
- Automatic cable equalization to lessen attenuation over longer runs
- Powered by USB via a locking connector the 12SDARD-4 is perfect for streaming workflows
- Standards Compliance: SMPTE 259M, SMPTE 292, SMPTE 344M, SMPTE 424M

OSP-12SDARD-4 • Your Price $345.00

Osprey® Video

Osprey 1x4 USB Powered Equalized SDI Distribution Amplifier with DVB-ASI

- This Osprey SDI distribution amplifier will accept any single link SDI input up to 3G and passes it directly to four outputs while preserving Ancillary Data and Embedded Audio
- The amplifier has automatic cable equalization to lessen attenuation over longer runs
- Dip switches allow the user to select between SD and HD signals and turn off unused ports to conserve power when running from portable power sources
- Powered by USB via a locking connector the SDAD-4 is perfect for streaming workflows

OSPREY-SDAD-4 • Your Price $190.00

Osprey® Video

Osprey 1x4 USB Powered Equalized & Reclocking SDI Distribution Amplifier

- This Osprey SDI distribution amplifier will accept any single link SDI input up to 3G and passes it directly to four outputs while preserving Ancillary Data and Embedded Audio
- The amplifier has automatic cable equalization to lessen attenuation over longer runs
- Dip switches allow the user to select between SD and HD signals and turn off unused ports to conserve power when running from portable power sources
- Powered by USB via a locking connector the SDAD-4 is perfect for streaming workflows.

OSPREY-SDAR-4 • Your Price $240.00

Osprey® Video

Osprey 1x4 USB Powered Equalized & Reclocked SDI Distribution Amplifier with DVB-ASI

- This Osprey signal RECLOCKING SDI distribution amplifier with Automatic Input Detection will accept any single link SDI input up to 3G and passes it directly to four outputs while preserving ancillary data and embedded audio
- The amplifier has automatic cable equalization to lessen attenuation over long runs
- Powered by USB via locking connector, the SDARD-4 is perfect for streaming workflows

OSPREY-SDARD-4 • Your Price $295.00

Osprey® Video

NEW STORAGE SOLUTIONS

Glyph Atom USB-C (3.1 Gen 2) USB3.0 Solid State Drives Compatible with Thunderbolt 3

GLYPH PRODUCTION TECHNOLOGIES

- Portable Bus-Powered Solid State Drive
- USB-C (3.1,Gen.2). Works with USB-3.0, Thunderbolt 3
- Fast data transfer speeds Up to 480 MB/s
- Rugged Shock Resistant non slip cover
- Formatted for Mac. Easily reformat for Windows

GLY-A250BLK	Black	275Gb	**Your Price $159.95**
GLY-A250GLD	Gold	275Gb	**Your Price $159.95**
GLY-A250GRY	Gray	275Gb	**Your Price $159.95**
GLY-A250SLV	Silver	275Gb	**Your Price $159.95**
GLY-A500BLK	Black	525Gb	**Your Price $249.95**
GLY-A500GLD	Gold	525Gb	**Your Price $249.95**
GLY-A500GRY	Gray	525Gb	**Your Price $249.95**
GLY-A500SLV	Silver	525Gb	**Your Price $249.95**
GLY-A1000BLK	Black	1TB	**Your Price $439.95**
GLY-A1000GLD	Gold	1TB	**Your Price $439.95**
GLY-A1000GRY	Gray	1TB	**Your Price $439.95**
GLY-A1000SLV	Silver	1TB	**Your Price $439.95**
GLY-AR1000BLK	Black	1TB Raid	**Your Price $459.95**
GLY-AR1000GLD	Gold	1TB Raid	**Your Price $459.95**
GLY-AR1000GRY	Gray	1TB Raid	**Your Price $459.95**
GLY-AR1000SLV	Silver	1TB Raid	**Your Price $459.95**
GLY-AR2000BLK	Black	2TB Raid	**Your Price $859.95**
GLY-AR2000GLD	Gold	2TB Raid	**Your Price $859.95**
GLY-AR2000GRY	Gray	2TB Raid	**Your Price $859.95**
GLY-AR2000SLV	Silver	2TB Raid	**Your Price $859.95**

OWC Mercury EXTREME Pro 6G SSD 2.5 Inch Serial-ATA 7mm Solid State Drives

- DuraWrite extends the endurance of your Solid State Drive (SSD).
- Intelligent Block Management & Wear Leveling automatically distributes data evenly across the entire SSD.
- Intelligent Read Disturb Management spreads the active read/write across the flash components eliminating data corruption caused by constant use.
- Intelligent "Recycling" for advanced free space management gradually re-writes data across the SSD over time to ensure data never gets corrupted.
- RAISE (Redundant Array of Independent Silicon Elements) protects the data on your drive similar to having a RAID setup.
- Best-in-Class ECC Protection for longest data retention and drive life.

OWCSSD7P6G120	120Gb	**Your Price $78.75**
OWCSSD7P6G240	240Gb	**Your Price $157.50**
OWCSSD7P6G480	480Gb	**Your Price $247.50**
OWC-SSD7P6G960	1TB	**Your Price $379.50**

G-Tech G-RAID Removable Removable Dual Drive Storage Systems

- Two removable Enterprise-class hard drives • USB interface
- Hardware RAID 0 (performance) or RAID 1 (protection), or JBOD
- Up to 400MB/s—perfect for photo & video editing
- Smart cooling fan for quiet operation, long life and data reliability
- Solid, durable and stackable all aluminum enclosure
- Formatted for Mac, and easily reformatted for Windows

G-Technology

GTC-0G04069 • USB G1 Removable 8000 • **Your Price $529.95**

GTC-0G04081 • USB G1 Removable 16000 • **Your Price $949.95**

G-RAID Removable Thunderbolt 2 Systems

- 2-removable 7200RPM Enterprise-class hard drives for performance
- Thunderbolt 2 and USB 3.0 ports for high-speed data transfer

GTC-0G04093 • Removable Thunderbolt 2 12000 • **Your Price $799.95**

GTC-0G04097 • Removable Thunderbolt 2 16000 • **Your Price $1099.95**

G-Tech G-DRIVE Mobile USB 3.0 1000

G-Technology

Perfect for on-the-go laptop users. G-DRIVE mobile USB is stylish, thin, aluminum portable storage that combines USB 3.0 high-performance with Time Machine-ready backup. Easy to set up, with storage capacities to 1TB using 5400 RPM drives, you'll find it perfect for storing your most important documents, music, digital video and photo files. The G-DRIVE mobile USB is bus powered so when you're out and about you don't need to add an external AC power supply to your laptop case.

GTC-0G02428 • **Your Price $69.95**

G-Tech G-DRIVE ev RaW (with Rugged Bumper) 2000

G-Technology

The G-DRIVE ev RaW is designed to go with you everywhere. Fitting easily into your backpack, briefcase or purse, it's lightweight and when coupled with the bumper, can withstand a 1.5m drop. As part of the evolution series, it can be, used as a standalone device, inside the ev All Terrain Case or with the G-DOCK ev with Thunderbolt for ultrafast transfers and editing.

GTC-0G05190 • *Reg. $149.95* **Your Price $139.95**

OWC 12 Port Thunderbolt 2 Dock

- Capable of an astounding 20Gb/s of throughput, the OWC Thunderbolt 2 Dock utilizes this phenomenal bandwidth to eliminate data bottlenecks, and effortlessly supports direct connection of up to ten devices, as well as daisy-chaining five additional Thunderbolt devices.
- 12 ports of phenomenal flexibility. Up to 78 devices connected to your Mac. All united with just one lightning-fast Thunderbolt 2 cable.
- Features 5 fully-powered USB 3.0 ports for powering hard drives, SSDs, or optical drives, including 2 side-mounted, high-powered ports providing up to 1.5 Amps of power - perfect for charging iPhone, iPad, tablets, smartphones, and other USB-charged devices.

OWC-TB2DOCK12P • *Reg. $249.00* **Your Price $217.50**

NEW KVM GEAR

markertek®

PureLink VIP-300H-U UltraHD 4K HDMI & USB/KVM over IP Transmitter & Receiver

NEW!

PureLink™

- Supports 4K30 4:4:4 and 4K60 4:2:0 (converted to 4K30)
- HDCP 2.2 compliant
- Powered via 802.3af PoE • Near Zero Latency (1 mS) • High Quality proprietary PureStreamX Ultra codec
- CAT connections standard • Fiber SFP+ slot for optional modules
- Built-in video wall function (up to 8x8 configuration)
- USB 2.0 (KM) • Bidirectional RS232 and IR
- Infrared remote control channel selection
- LED channel display • Digital and analog audio insertion
- Compatible with VPX IP Video Management Software with browser interface
- Four products in one: Point to Point : KVM extender up to 390 ft. - Distribution : 1 x TX to 65K x RX - Switching : 256 x TX to 1 x RX - Matrix : 256 x TX, 65K total TX/RX

PLK-VIP-300H-UTX • Transmitter (Encoder) • **Your Price** $699.99

PLK-VIP-300H-URX • Receiver (Decoder) • **Your Price** $699.99

Aurora IPX-TC2 4K AV Over IPBaseT Transceiver 10G Copper & Fiber Versions

NEW!

- 4K 60Hz 4:4:4 visually lossless compression and zero frame latency
- 4K 30Hz 4:4:4 and below - zero compression and zero frame latency
- Available for 10 Gbps fiber MMF/SMF or 10Gbps copper networks

Aurora Multimedia

- Windowing/Multiviewer (up to 16) • 4K Scaler
- Seamless and breakaway switching (any resolution to any resolution)
- Videowall processing (up to 16x16) • Stereo line in/out
- RS-232 and IR control ports • Dante IP audio option
- ExtremeUSB (USB 2.0 480Mbps) option

AURA-IPX-TC2-C • Copper Version • **Your Price** $1689.99

AURA-IPX-TC2-F • Fiber Version • **Your Price** $1849.99

StarTech USB HDMI over Cat5e / Cat6 KVM Console Extender

NEW!

StarTech.com
Hard-to-find made easy®

- Uncompressed 1080p and 1920x1200 HD video extension
- Extend up to 330 ft (100m) over a single Cat5e / Cat6 cable
- HDCP, CEC and Lip Sync pass-through support
- OS independent - no software or drivers required
- 3 USB 2.0 ports with transfer rates up to 30Mbps
- Supports connection to a single computer or cascading to an existing KVM switch
- Supports most combo keyboard and mouse sets (including Wireless)

ST-SV565UTPHDU • **Your Price** $1082.49

PureLink VIP-200H HDMI & USB/KVM over IP Transmitter & Receiver

NEW!

PureLink™

- Ultra-low latency
- High Quality proprietary codec
- USB 2.0 (KVM)
- RS232 and IR
- Handheld remote control for 'channel' like switching
- VPX IP Video Management Software with browser interface
- HDCP compliance • HDMI, DVI, and VGA transmitter and receiver options
- Four products in one: Point to Point : 590ft KVM extender - Distribution : One TX to 154+ RX - Switching : up to 100 TX to One RX - Matrix : up to 100 TX to 154+ RX

PLK-VIP-200H-TX • Transmitter (Encoder) • **Your Price** $499.99

PLK-VIP-200H-RX • Receiver (Decoder) • **Your Price** $499.99

Gefen 4K Ultra HD and VGA KVM Over IP

NEW!

- Extends HDMI, VGA, USB, RS-232, bi-directional stereo analog audio, and IR over IP, using a Gigabit Local Area Network
- Supports input resolutions up to 4K 60Hz 4:2:0 on HDMI and up to 1920x1200, 60 Hz on VGA (WUXGA).

GEFEN

- Supports output resolutions up to 4K 30Hz 4:4:4 on HDMI and up to 1920x1200 60 Hz or 1080p Full HD on VGA
- Supported HDMI Features: HDR, HDCP 2.2 and 1.4, Deep Color, Lip-Sync pass-through
- Supports uncompressed LPCM digital audio up to 7.1 channels
- Supports up to 7.1 channels of HBR (High Bit Rate) digital audio including Dolby Atmos, Dolby TrueHD, DTS:X, and DTS-HD Master Audio
- When used with Gefen DVI-to-HDMI cables (not included), supports the use of DVI sources and DVI displays up to 1080p Full HD and 1920x1200 (WUXGA)
- Built-in video wall controller accommodates any number of rows and columns up to 16x16

EXT-UHDVKALANSTX • Transmitter • **Your Price** $799.99

EXT-UHDVKALANSRX • Receiver • **Your Price** $699.99

Epiphan ESP0461 KVM2USB Compact KVM Device

NEW!

- KVM over USB to access computers from laptop without use of network
- Pocket sized and portable
- Ideal "crash cart" replacement
- Administer headless servers, legacy systems, proprietary OSes, and embedded systems
- Emulate keyboard, mouse, and monitor using any laptop
- USB Bus powered works during power outage on a battery- powered laptop
- Robust aluminum case with removable cables

EPIP-ESP0461 • **Your Price** $399.95

epiphan video

NEW IKAN MONITORS & LIGHTS

Ikan OBM-U240 24" 4K HDR LCD Professional Monitor with 12G-SDI Single Link

NEW!

- 3840 x 2160 10-Bit LCD Panel
- **12G-SDI Single Link & Quad Link 4K, HDMI 2.0**
- Size: 23.8" • HDR Support
- 3D LUT, Waveform, Vectorscope, Color Space & Gamma Comparison
- Ultra HD & Full DCI 4K Support
- Resolution: 3840 x 2160 (16:9)
- Pixel Pitch: 0.137mm • Color: 10 bit
- Viewing Angle: 178(H), 178(V)
- Luminance of White: 350 cd/m²
- Contrast: 1000:1 • Back Light: LED • Display Area (H x V): 527 x 296 mm

IKAN-OBM-U240 • *Reg. $8499.00* **Your Price $7999.00**

Ikan OBM-U170 17.3" 4K LCD Professional Monitor with 12G-SDI Single Link

NEW!

- 1920 x 1080 10-bit LCD Panel
- **12G-SDI Single Link & Quad Link 4K, HDMI 2.0**
- 3D LUT, Waveform, Vectorscope, Color Space & Gamma Comparison
- Ultra HD & Full DCI 4K Support
- Size: 17.3" • Resolution: 1920 x 1080
- Pixel Pitch: 0.199mm • Color: 10 bit
- Viewing Angle: 178(H), 178(V)
- Luminance of White: 350 cd/m²
- Contrast: 1000 : 1 • Back Light: LED
- Display Area (H x V): 381.9 x 214.8 mm

IKAN-OBM-U170 • *Reg. $4799.00* **Your Price $4499.00**

Ikan VX9W-S 9" HDMI/3G-SDI 1920 x 1200 On-Camera Field Monitor with Scopes

NEW!

- 1920 x 1200 IPS Panel
- Waveform, Vectorscope, RGB Parade, Histogram, and Audio Meters
- Fully Aluminum for Durability
- Features Gorilla Glass for Screen Protection
- Supports 2K
- 3G-SDI and HDMI Inputs and Outputs
- Composite and Component Inputs and Outputs

IKAN-VX9W-S • *Reg. $1199.00* **Your Price $1099.00**

Ikan EC1 Beholder 3-Axis Gimbal Stabilizer with Encoders

NEW!

- 3-Axis hand-held gimbal stabilizer with 360° rotating motor
- Designed for DSLR & mirrorless cameras up to 5 lbs
- Stabilized with a 32-bit controller and a 12-bit encoder system
- Adaptive PID algorithm produces reliable stability and efficient battery life
- Battery operating life of up to 20 hours with 3 rechargeable 18650 batteries

IKAN-EC1 • *Reg. $949.99* **Your Price $899.00**

Ikan LB5 Lyra Bi-Color Soft Panel Half x 1 LED Light

NEW!

- High CRI Chip LEDs paired with 1/2 stop soft diffusion panel
- Bi-Color adjustable from 3200K-5600K
- Bright consistent light across all color temperatures
- Beam Angle: 110 degrees
- Clean single shadow without artifacts.
- Baby 5/8 inch/Junior 1-1/8 Combo Pin adaptor with right angle receiver hole.
- 30 degree angled yoke for unobstructed movement

IKAN-LB5 • *Reg. $479.00* **Your Price $449.00**

Ikan LB10 Lyra Bi-Color Soft Panel 1 x 1 LED Light

NEW!

- High CRI Chip LEDs paired with 1/2 stop soft diffusion panel
- Bi-Color adjustable from 3200K-5600K
- Bright consistent light across all color temperatures
- Beam Angle: 110 degrees
- Clean single shadow without artifacts.
- Baby 5/8 inch/Junior 1-1/8 Combo Pin adaptor with right angle receiver hole.
- 30 degree angled yoke for unobstructed movement

IKAN-LB10 • *Reg. $839.00* **Your Price $799.99**

Ikan MB8 Mylo Bi-Color Half x 1 Portable Field LED Light

- 95+ CRI LEDs • 50° Beam Angle
- Bi-Color Adjustable from 3200K-5600K
- Bright consistent light across color temperatures
- Baby 5/8 Inch and Junior 1-1/8 Inch Combo Pin adapter with right angle receiver hole
- Strong Steel tension knobs for locking the light into place
- Heavy Duty metal chassis
- Single knob control for adjusting color or brightness

IKAN-MB8 • *Reg. $599.99* **Your Price $549.99**

Ikan RW5 Rayden Daylight Half x 1 Studio and Field LED Light

NEW!

- High CRI 45° LEDs
- Solid 5600K color temperature
- Bright consistent light • 50° Beam Angle
- Baby 5/8-inch / Junior 1-1/8-inch Combo Pin adaptor with right angle receiver hole
- 30° Angled yoke for unobstructed movement
- Stronger steel tension knobs for locking the light into place.
- Single knob for adjusting color and brightness
- New LED Readout screen gives precise adjustments
- AB or V-Mount battery plates included • Includes barn doors and intensifiers

IKAN-RW5 • *Reg. $419.00* **Your Price $399.00**

NEW TRIPOD SYSTEMS

markertek®

Sachtler FSB 10 Fluid Head Tripod Systems

- FSB 10 fluid head is a new entry-level 100mm solution for work in news, documentaries, wildlife, and everything in between
- Perfectly supports today's digital cinema-style cameras, such as the Sony FS7, Canon's C500, and the Blackmagic Ursa Mini
- With a higher payload than the FSB 8, the FSB 10 allows users to employ a wider range of system configurations using a convenient Sideload interface
- Spreader: Ground spreader • Payload: 8.8 - 26.5 lbs
- Height range: 24.4 - 66.1" • Head fitting: 100mm
- Transport length: 35"

SACH-SYFSB10ENGC • Tripod: ENG 2 CF / 13.8 lbs
Reg. $3900.00 **Your Price $3499.00**

SACH-SYFSB10ENGD • Tripod: ENG 2 D / 14.8 lbs
Reg. $3400.00 **Your Price $3059.00**

sachtler

Sachtler Video 18 S2 Fluid Head & ENG 2 CF Tripod System with Mid-Level Spreader

- Includes the Video 18 S2 Fluid Head, EFP 2 Carbon Fiber Tripod, a Mid-Level Spreader, a set of three Rubber Tripod Feet and Padded Carry Bag
- Spreader: Mid-level spreader • Weight: 17.9 lbs
- Payload: 4 – 48 lbs • Height range: 26.4 – 66.1"
- Head fitting: 100 mm • Transport length: 35 in

SACH-1863S2 • *Reg. $8600.00*
Your Price $7740.00

Miller 2090 Cineline 70 HD MB 1-Stage Alloy Tripod System with HD Ground Spreader

MILLER

- Includes a new HD Mitchell Base 1-Stage Alloy Tripod and HD Alloy Ground Spreader to complement the robust Cineline 70 Fluid Head
- Quick and easy to operate "all in one location" rear mounted controls
- Drag control with ultra soft starts and smooth stops
- Perfect diagonal drag transitions
- Side loading camera platform, 150 mm travel with Arri type camera plate
- Illuminated controls and bubble level
- Dual side mounts for monitors and accessories

MIL-2090 • *Reg. $11387.00* **Your Price $9223.00**

MILLER

Miller 1833 Compass 15 Solo DV Carbon Fiber System

- Combines the versatile and lightweight Compass 15 Fluid Head with the innovative lightweight Solo tripod
- Five selectable positions of high performance drag plus a zero position
- Selectable counterbalance system for payloads between 4.4-22 lbs
- 60mm (2.4") sliding camera plate
- Solo DV 2-Stage Carbon Fiber tripod
- Leg angle lock for 9.2-63.5" height range
- Spike/Rubber feet support • 75mm ball leveling

MIL-1833 • *Reg. $3077.00* **Your Price $2492.37**

Miller 3043 ArrowX 3 Sprinter II 2-Stage Carbon Fiber Tripod System with Mid-Level Spreader

MILLER

- Combines the ArrowX 3 fluid head with speedy and solid Sprinter II 2-Stage Alloy tripod
- Material: Carbon Fiber • Construction: 2-Stage
- Maximum Height: 66.6" • Minimum Height: 23.7"
- Mounting Standard: 100mm ball leveling
- Payload Capacity: 41.9 lbs
- Payload Range: 2.2-41.8lbs
- Transport Length: 33.9" • Weight: 17.4 lbs

MIL-3043 • *Reg. $7300.00* **Your Price $5913.00**

MILLER

Miller 3092 ArrowX 5 Sprinter II 1-Stage Aluminum Tripod System with Ground Spreader

- Combines the ArrowX 5 fluid head with our speedy and rugged Sprinter II alloy tripod, Sprinter II Ground Spreader Arrow Softcase, and Telescopic Pan Handle with Carrier
- Maximum Height: 56.3" • Minimum Height: 26.2"
- Bowl Diameter: 100 mm (3.9 in)
- Payload Capacity: 46.3 lbs • Payload Range: 4.4-46.2lbs
- Transport Length: 33.1" • Weight: 7.1 lbs

MIL-3092 • *Reg. $6900.00* **Your Price $5589.00**

Libec HFMP KIT Hands-Free Monopod with Dual Base Video Head and Carrying Case

Libec

- Video monopod designed for free-stand operations
- Free-stand Base with innovative Step Lock/Release Foot Pedal
- Instantly switch from shooting mode to a locked vertical position
- Convenient click indicates when HFMP is released or locked into position
- Built-in lubricated ball joint system for smooth panoramic shots
- Numeric height indicators and flip locks for preferred adjustments

LIB-HFMPKIT • *Reg. $340.00* **Your Price $259.00**

Libec TH-X Tripod & Fluid Head with Mid-Level Brace & Case

Libec

- Supports up to 9lbs (4.0 kg)
- All-in-one tripod system for today's 4K UHD/HD/DV camcorders and DSLR cameras
- Dual head Design (65mm ball/ flat base) for 65mm bowl tripods/flat base equipment with 3/8" screws
- Built-in counterbalance for precise camera balance and tilt movements
- One-touch quick release sliding plate for easy camera balance adjustments
- Sliding camera plate compatible with Sachtler and Manfrotto heads
- Dual pan handle rosettes for additional pan handle or support arm
- Rigid tripod legs for enhanced stability

LIB-TH-X • *Reg. $310.00* **Your Price $239.00**

Presonus StudioLive 32 Series III 32-Channel Digital Mixer with Moving Faders

- Fully recallable, with 33 touch-sensitive, motorized faders and 33 recallable XMAX preamps.
- Integrated multitrack recording and virtual soundcheck - no computer required

PreSonus

- A re-envisioned Fat Channel • Define your own layouts, views, and workflows
- Customize scenes and presets in new and powerful ways-including your way
- Create buses and groups to suit your workflow with new FlexMixes
- Studio One Professional included
- Integrated, multi platform software for flexible control and one-click recording
- Network-ready, with a choice of computer recording methods
- Remote mix control available on a plethora of both wired and wireless devices
- Extensive connections for flexible signal flow

PRE-SL32S3 • *Reg. $3899.95* **Your Price $2999.95**

PreSonus FaderPort 8 8-Channel Mix Production Controller

- 8 touch-sensitive, 100 mm long-throw, motorized faders
- 8 high-definition Scribble Strip displays
- Complete recording-transport controls: Play, Stop, Fast Forward, Rewind, Record, Loop
- Drop Marker, Next/Prev Marker, Next / Prev Event
- General session controls: Undo/Redo, Arm All, Solo/Mute Clear, Track Management, Click On/Off with tap tempo
- Session Navigator provides quick control over track scrolling, channel banking, timeline scrolling, and much more

PreSonus

- Channel Controls: Level, Pan, Solo, Mute, Rec Arm
- Automation Controls: Touch, Latch, Trim, Write, Read, Off
- Optional Fader functionality: plug-in edit, bus sends, pan

PRE-FADERPORT-8 • *Reg. $599.95* **Your Price $499.95**

Soundcraft Ui24R 24-Channel Digital Mixer/USB Multi-Track Recorder with Wireless Control

- Built-in dual-band Wi-Fi eliminates the need for a router to provides a reliable connection to up to 10 mobile devices in mission critical situations
- Control Ui24R from iOS, Android, Windows, Mac OS and Linux browsers without installing additional apps
- Record and mix with the warmth of 20 professional-quality Studer-designed preamps

Soundcraft

- dbx compression and iconic Lexicon reverb and delay processing
- 2 channels of DigiTech guitar amp modeling
- Dual-path, redundant multi-track recording of all 24 inputs to USB drive and connected Mac/PC
- 24 simultaneous inputs (10 combo TRS/XLR, 10 XLR, 2 line level, 2 digital)
- 4-band parametric EQ, high-pass filter, compressor, de-esser, and noise gate on input channels
- 31-band graphic EQ, noise gate, compressor, and dbxr AFS2 Automatic Feedback Suppression on all outputs

SCFT-UI24R • *Reg. $1249.00* **Your Price $995.00**

RME Digiface USB Digital Audio Interface with ADAT/SPDIF

- Extremely compact & portable digital audio interface
- 4 optical ADAT / SPDIF I/Os
- analog high-quality line/phones output via 6.3 mm TRS jack
- A triple ADAT I/O interface with phones and PCI interface
- Does not need an external power supply
- Analog output hosts channels 33/34

RME

- Each single optical port can use either ADAT (up to 8 channels) or SPDIF (stereo)
- Inputs: 4 x ADAT/SPDIF
- Outputs: 4 x ADAT/SPDIF - 1 x Phones TRS Stereo 6.3 mm

RME-DIGIFACE-USB • *Reg. $599.00* **Your Price $499.00**

PreSonus STUDIO26 2x4 USB 2.0 Audio Interface with 2 XMAX-L Preamps

PreSonus

- Simultaneous I/O up to 2 inputs/4 outputs
- 2 mic/instrument/line inputs with XMAX Class A mic preamps
- 2 balanced 1/4" TRS main outputs
- 2 balanced 1/4" TRS line outputs for monitor mixing or speaker switching
- 1 stereo headphone output • MIDI In/Out • Direct monitoring
- Cue mix A/B (for headphone output) • Front-panel level controls for main outputs
- True +48V phantom power for condenser microphones (global)
- 4 ladder-style LED level meters (2 input, 2 main output)
- USB 2.0 • 24-bit resolution • 44.1, 48, 88.2, 96, 176.4 and 192 kHz sampling rates
- Studio One Artist included
- Road-rugged construction with all-metal chassis and metal knobs

PRE-STUDIO26 • *Reg. $259.95* **Your Price $199.95**

PreSonus STUDIO68 6x6 USB 2.0 Audio Interface with 2 XMAX preamps

PreSonus

- Simultaneous I/O up to 6 inputs/6 outputs (4x4 at 192 kHz)
- 2 mic/instrument/line inputs with XMAX Class A mic preamps
- 2 mic/line inputs with XMAX Class A mic preamps
- 2 balanced 1/4" TRS main outputs
- 2 balanced 1/4" TRS line outputs for monitor mixing or speaker switching
- 1 stereo headphone output • MIDI In/Out • Stereo S/PDIF digital I/O
- Direct monitoring • Cue mix A/B (for headphone output)
- Front-panel level controls for main outputs
- True +48V phantom power for condenser microphones (global)
- 6 ladder-style LED level meters (4 input, 2 main output) • USB 2.0
- 24-bit resolution • 44.1, 48, 88.2, 96, 176.4 and 192 kHz sampling rates

PRE-STUDIO68 • *Reg. $389.95* **Your Price $299.95**

Midas MR12 / MR18 Digital Mixers for iPad/Android Tablets with 4 or 16 MIDAS PRO Preamps Integrated Wifi Module

- 4 (MR18 has 16) award-winning MIDAS PRO microphone preamplifiers
- Built-In Tri-Mode Wifi router for direct operation-no need for external routers
- Dugan-style Auto-Mixing automatically manages microphone gain sharing
- 4 digital signal processing effects engines
- 6 aux buses and main LR with inserts, full dynamics processing and 6-band parametric or 31-band graphic EQ
- 2 TRS aux outputs (MR18 has 6 XLR aux outputs) and 2 XLR main outputs plus phones connector
- 40 bit floating point digital signal processing
- MIDI In/Out allows controlling the mixer via MIDI equipment or for use as a USB MIDI interface

MIDAS-MR12 • 12 Input Mixer • **Your Price $349.99**

MIDAS-MR18 • 18 Input Mixer • **Your Price $899.99**

JBL 7 Series 5" Bi-Amplified Master Reference Studio Monitor

- The JBL 705P is the self-powered reference monitor for critical music recording, film post and broadcast production applications.
- The JBL 705P leverages the same patent-pending driver technologies and JBL's renowned Image Control Waveguide found in the 708P and the flagship M2, but with a smaller footprint.
- Comprehensive room EQ and delay controls
- Compact enclosures for easy placement and installation
- JBL 725G low-frequency transducer delivers low-distortion and high SPL
- JBL 2409H high-frequency transducer with low-mass annular diaphragm
- 2-channel Class-D amplifier HF 250W / LF 250W
- 192 kHz, 32-bit floating point processing • 12 bands of Room EQ, 8 bands of User EQ
- 6 factory presets, 6 user-defined presets

JBL-705P • *Reg. $1249.00* **Your Price $999.00**

JBL 7 Series 8" Bi-Amplified Master Reference Studio Monitor

- JBL's 708P is the self-powered reference monitor for critical music recording, film post and broadcast production applications.
- The 708P leverages new patent-pending driver technologies and JBL's renowned Image Control Waveguide to deliver extraordinary output, stunning detail, an expansive soundstage, and greater accuracy in a broad range of rooms.
- Comprehensive room EQ and delay controls
- Compact enclosures for easy placement and installation
- JBL 728G low-frequency transducer with patented Differential Driver allows extended low frequency with low distortion and high SPL
- JBL 2409H high-frequency transducer with low-mass annular diaphragm
- 2-channel Class-D amplifier HF 250W / LF 250W
- 192 kHz 32-bit floating point processing • 12 bands of Room EQ, 8 Bands of User EQ
- 6 factory presets, 6 user-defined presets

JBL-708P • *Reg. $2499.00* **Your Price $1999.00**

Tascam US-32 MiNiSTUDIO Personal US-32 Audio Interface for Online Broadcasts

- The MINISTUDIO PERSONAL is the entry-level model in the MINISTUDIO series. Since it has a high-quality mic built-in, users can enjoy Internet broadcasting with just this unit.
- Audio interface designed specifically for live Internet broadcasting with support for not only Windows, but also Mac and iOS
- Sound effect triggering (PON) function, voice effects and reverb enable many audio performance possibilities
- Easily-operated user interface designed for Internet broadcasting
- Use the high-quality built-in condenser mic to broadcast on the Internet right away
- Professional external mics can also be connected to the unit

TCM-US-32 • *Reg. $179.99* **Your Price $129.99**

Tascam US-42 MiNiSTUDIO Creator US-42 Audio Interface for Online Broadcasting

- The MINISTUDIO CREATOR, which is an advanced model in the MINISTUDIO series, supports both live broadcasting and production applications as well as the simultaneous use of two mics. Users can enjoy streaming and production with advanced features.
- Audio interface designed specifically for live Internet broadcasting with support for not only Windows, but also Mac and iOS
- Sound effect triggering (PON) function, voice effects and reverb enable many audio performance possibilities
- Easily-operated user interface designed for Internet broadcasting
- Two input jacks support various applications including performances with vocals and guitar and interview programs
- CREATOR mode is optimal for creating video contents and music.

TCM-US-42 • *Reg. $279.99* **Your Price $179.99**

Earthworks CTB30 Omni Boundary Layer Table Top Microphone - 60Hz-30kHz

- Specially engineered filter to minimize table thumping and HVAC noise
- Reduced pickup of paper shuffling
- 30kHz flat frequency response optimized for speech • Ultra high intelligibility
- More gain before feedback • Near perfect polar pattern
- True Semisphere omnidirectional polar pattern • RF resistant
- Rubber, shock absorbing pads eliminate vibration noise
- Designed to allow cable to exit from the rear or bottom of the microphone
- Low profile design • Only 4.1 inches (10.4cm) in diameter
- Available in black, white, silver or Nextel Dark Black finish
- Primary applications include teleconferencing, distance learning, surveillance, boardrooms, government facilities, and ambient room miking

ETW-CTB30-S • Silver • *Reg. $874.00* **Your Price $699.00**

ETW-CTB30-B • Black • *Reg. $874.00* **Your Price $699.00**

NEW MICS

POINT Source AUDIO

Custom-fit EMBRACE mics in mere seconds!

EMBRACE Microphones are custom-fit ear mounted microphone solutions for theatre, television and other applications where the microphone must be completely camouflaged yet still maintain consistent placement from the mouth even with head movement.

- ✔ **Includes SERIES8 lavalier and left/right Earmounts**
- ✔ **Bendable and trimmable for a custom fit**
- ✔ **Accepts theatrical color markers for camouflaging**
- ✔ **Mic element measures only 4mm in diameter**
- ✔ **IP57 water/sweat/makeup proof**
- ✔ **Handles up to 148dB SPL**
- ✔ **Interchangeable X-Connectors compatible for all popular wireless systems including Shure, Sennheiser & Audio-Technica**

WATERPROOF

PSA Embrace Additional Earmounts with Finishing Caps

xx - Color Options

-BE Beige **-BR** Brown **-BL** Black

POI-EMB-6xx • 6 Pack • *Reg. $330.00*
Your Price $299.00

POI-EMB-12xx • 12 Pack • *Reg. $600.00*
Your Price $499.00

POI-EMB-24xx • 24 Pack • *Reg. $1080.00*
Your Price $899.00

POINT Source AUDIO

- BE Beige **-BR Brown** **-BL Black**

PSA Embrace Fitted Microphones

POINT Source AUDIO

- Element: Back Electret Condenser • Pattern: Omnidirectional
- Frequency: 20Hz - 20kHz • Sensitivity: -54dB ± 3 dB
- Maximum SPL: 148dB SPL • Output Impedance: 1,400Ω (at 1kHz)
- Operating Voltage: 1 - 10 V • Cable Length: 4 ft .077 in + connector
- Waterproof Rating: IP 57 • Net Weight: 0.6 oz • Colors: Beige, Black, or Brown
- Connector Types: TA3F, TA4F, TA5F, lockable 3.5mm, Hirose, Lemo style
- Included Accessories: 2 Earmounts, 2 Slider Clips, Windscreen, clothing clip, storage box

XXX - Connector Options

-XAK AKG, Audix	**-XLW** Lectrosonics-waterproof	**-XSH** Shure, Line 6
-XAT Audio-Technica	**-XMP** MiPro	**-XSK** Sennheiser SK, Zaxcom
-XBY Beyerdynamic	**-XSD** Sony DWT-B01	**-XTX** Telex
-XL Lectrosonics	**-XSE** Sennheiser	

xx - Color Options

-BE Beige	**-BR** Brown	**-BL** Black

POI-EO-8WL-XXXxx • *Reg. $530.00 - $616.00* **Your Price $378.00 - $464.00**

SENNHEISER

Sennheiser XSW Handheld Wireless Systems

A Range: 548-572 MHz

- Excellent live sound featuring Sennheiser's renowned evolution microphone capsules (e825 or e835)
- Antenna-switching diversity reception • Integrated antennas
- Automatic frequency management and synchronization via remote channel for easy setup • Selectable UHF frequencies within a large bandwidth
- Up to 10 compatible channels
- AF frequency response: Receiver: 50 to 16,000 Hz (-3 dB)
- AF frequency response: SKM 825: 80-14,000 Hz, SKM 835: 80-16,000 Hz

SENN-XSW-1-825 • 1-825 Handheld Wireless System
Reg. $309.00 **Your Price $249.95**

SENN-XSW-1-835 • 1-835 Handheld Wireless System
Reg. $369.00 **Your Price $299.95**

Sennheiser XSW 1-ME2 Wireless Lavalier System

SENNHEISER

- Compact bodypack transmitter, unobtrusive clip-on microphone
- Adjustment Range Transmitter: 0 to -30 dB, adjustable in 10 dB steps
- Microphone: Condenser
- THD, total harmonic distortion: ≤ 0.9%
- Pick-up pattern: cardioid
- Signal-to-noise ratio: ≥ 103 dBA
- RF output power: 10 mW
- Switching bandwidth: up to 24 MHz • Operating time: approx. 10 hrs

SENN-XSW-1-ME2 • *Reg. $369.00* **Your Price $299.95**

Sennheiser XSW 1-908 Wireless Instrument System

A Range: 548-572 MHz

SENNHEISER

- Easy to use all-in-one wireless system, especially designed to provide a powerful live sound for brass instruments
- Versatile gooseneck microphone with outstanding sound reproduction from the renowned evolution microphone series
- Microphone: condenser
- THD, total harmonic distortion: ≤ 0.9% • Pick-up pattern: cardioid
- Signal-to-noise ratio: ≥ 103 dBA • RF output power: 10 mW
- Switching bandwidth: up to 24 MHz • Operating time: approx. 10 hrs

SENN-XSW-1-908 • *Reg. $439.00* **Your Price $349.95**

Sennheiser XSW 1-CI1 Wireless Instrument System

A Range: 548-572 MHz

SENNHEISER

- Easy to use all-in one wireless system for guitarists and bassists, excellent for live sound.
- Compact bodypack transmitter, rugged instrument cable
- Antenna-switching diversity reception
- Integrated antennas
- Automatic frequency management and synchronization via remote channel for easy setup
- Selectable UHF frequencies within a large bandwidth
- Up to 10 compatible channels

SENN-XSW-1-CI1 • *Reg. $309.00* **Your Price $249.95**

NEW 24G PATCHING SOLUTIONS

markertek®

Switchcraft Ultra VideoPatch MidSize 24Ghz Video Patchbay - 2x32 x 1RU

- 2x32 Ultra VideoPatch High Definition Video Patchbay
- Supports bandwidths of 24GHz
- Exceeds SMTPE ST 2081-1 and ST 2082-1 Specifications
- The field proven design of Switchcraft MVJ MidSize video jack delivers a low return loss and 75 ohm impedance in an all metal, screw-in jack.
- The system provides complete stability and durability in even the most extreme applications, including mobile production and studio installs.
- Industry standard BNC rear termination makes installation easy and eliminates the need for proprietary connectors or special tooling.

SW-MVP32K1UHD • Your Price $1349.00

Switchcraft Ultra VideoPatch Accessories

Ultra VideoPatch Series UHD Patchcord - Green - 2 Foot
SW-VMP2GNUHD • Your Price $30.00

Ultra VideoPatch Series UHD Patchcord - Grey - 2 Foot
SW-VMP2GYUHD • Your Price $32.00

Ultra VideoPatch Series UHD Patchcord - Black - 2 Foot
SW-VMP2BKUHD • Your Price $30.00

Ultra VideoPatch Series UHD Patchcord - Black - 3 Foot
SW-VMP3BKUHD • Your Price $35.59

Ultra VideoPatch 24GHz MidSize Single Video Terminating Plug
SW-VMSTPUHD • Your Price $32.00

Ultra VideoPatch 24GHz MidSize Video Looping Plug
SW-VMLPUHD • Your Price $18.00

Ultra VideoPatch 24GHz MidSize Dual Video Terminating Plug
SW-VMTPUHD • Your Price $32.00

Hannay All-Metal Fiber Optic Reels

Hub & Drum Accept Existing SMPTE Cables Without Connector Re-Termination!

Hannay Reels announces new Broadcast Fiber Optic Series Reels. Designed specifically for the unique needs of Broadcast SMPTE, TAC and opticalCON cable

- These metal reels are lightweight and stand up to everyday wear and tear better than plastic reels
- Designed for Tactical Fiber and Hybrid Fiber cable types.
- Quality construction designed for harsh outdoor environments.
- External and/or internal drum storage with protective rubber grommet for easy access to lead out cable, while keeping dirt and debris out.
- Non-reflective black matte finish is standard.
- Crank handle permanently attached to disc.
- 3-Position Cam-Lock Drag Brake System (Locked, Tension, Free)

HY-AVF-14	Holds 350 Ft. SMPTE, 600 Ft. Tac-12, 9.5 Lbs.	**Your Price $350.00**
HY-AVF-18	Stackable, Holds 1000 Ft. SMPTE, 31 Lbs.	**Your Price $610.00**
HY-AVF-18C	Model AVF-18 with Casters	**Your Price $645.00**
HY-AVF-18CH	Model AVF-18 with Casters & Handle	**Your Price $695.00**

JackReel-XL1 High Capacity Broadcast Cable & Fiber Optic Cable Reel

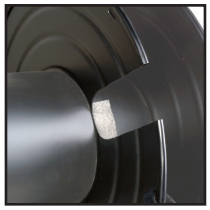
Rugged High Capacity Cable Reel for Broadcast, Fiber Optic & Pro-Audio Applications!

The JACKREEK-XL1 is a fantastic value for a super high capacity steel cable reel that is specially designed for multi-channel tactical fiber optic cables, SMPTE fiber optic camera cables, audio snake cables and similar cable assemblies. The JACKREEL-XL1 features rugged steel and aluminum construction with round tubing protective frame, non-reflective black matte finish, adjustable cam-lock drag brake for fast cable roll-out and storage and large heavy duty locking caster wheels. The main cable drum is specially engineered to protect the bend radius of fiber optic cables. A special drum divider plate protects connectors and fan-outs separating them from the main cable run during storage and roll-out.

JACKREEL-XL1..... **Your Price $355.00**

FEATURES:

- Capacity for 5mm O.D. Cable: 4500'
- Capacity for 7mm O.D. Cable: 2500'
- Capacity for 9.5mm O.D. Cable: 1100'
- 21.187"H x 21.75"W x 17.875"D
- Cable Drum Overall: 17.625"W
- Main Drum: 14"W Outside
- (13.375" Inside)
- Split Drum: 4"W

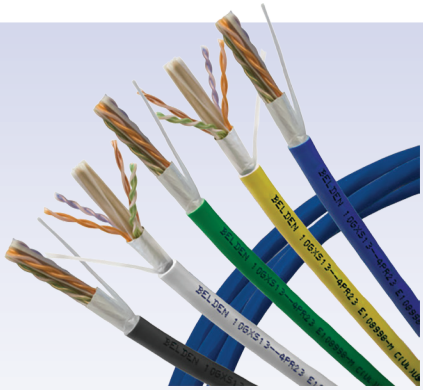


Split Drum for Easy Pigtail Storage

3-Position Brake Lock

JACKREEL™

BULK CAT5/CAT6 CABLE



Belden 10GXS12 CAT6A Cable 4 PR 23 AWG - Riser-CMR

The Gold Standard of 10G Networking

Through a unique combination of advanced engineering expertise and precision manufacturing, Belden has built upon the enabling technologies of its 10GX System to offer better noise immunity and performance that meets or exceeds Category 6A specifications. It not only gives you the performance you need to run current-day applications, but provides room for future growth and expansion.

10GXS cable has an improved shape for easier handling - a durable and lightweight round construction provides up to 25% space and weight savings. Superior crosstalk isolation and EMI suppression and up to 10dB of allen crosstalk headroom provide an optimized electrical performance.

Maintains equal distance between pairs and outer barrier along the cable to prevent noise coupling. Smaller Diameter: Saves up to 25% on space and weight.

BL-10GXS121000* 1000' .....**Your Price $537.03**

***Specify Color:** **BK = Black; BE = Blue; DG = Dark Green; GY = Gray; OE = Orange; RD = Red; VT = Violet; WE = White; YW = Yellow**

KEY APPLICATIONS:

- 10GBASE-T Ethernet
- 1000BASE-T as well as 2.5G and 5G Ethernet
- PoE Type 1 (15 W), Type 2 (30 W), Type 3 (60 W), Type 4 (90 W)
- IEEE 802.11ac Wave 1 and Wave 2 High-Throughput Wi-Fi
- HDBaseT, Broadband (CATV) and High-Speed Internet (DOCSIS)

BELDEN
SENDING ALL THE RIGHT SIGNALS

Belden 10GX62F Enhanced CAT6A F/UTP Bonded-Pair Cable

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, **Riser-CMR**, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, **Polyolefin Insulation,** X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, **PVC Jacket**

BL-10GX62F1000* 1000' .....**Your Price $628.78**

***Specify Color:** **BK = Black; BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow**

Belden 10GX63F Enhanced CAT6A F/UTP Bonded-Pair Cable

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, **Plenum-CMP**, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, **FEP Insulation,** X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, **Flamarrest Jacket**

BL-10GX63F1000* 1000' .....**Your Price $1257.70**

***Specify Color:** **BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow**

BELDEN *CAT5e & CAT6 Cable - Black* - See our website for White, Blue, Orange, Grey, Green, Red & Pink

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
BL-1583A	CAT5e DataTwist	24	Solid	0.195	15.0	70%	Unshielded	PVC/CMR	**$160.81**	29
BL-1585A	1583A Plenum	24	Solid	0.198	15.0	72%	Unshielded	Flamarrest	**$294.32**	25
BL-1872A	CAT6 MediaTwist UTP	23	Solid	.365 x .165	15.0	70%	Unshielded	PVC/CMR	**$305.95**	29

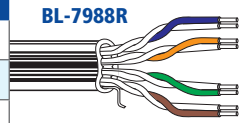
BELDEN *CatSnake Cable*

CatSnake™ UTP cables offer exceptional audio/video performance, plus they are extremely rugged and flexible for use outdoors, in broadcast truck applications and professional audio/video use. Belden has a heavy jacket wall version for medium duty applications (1304A) or an upjacketed version for the harshest heavy-duty environments (1305A). These cables also pass the UL 1581 -40°C Cold Bend test and are RJ45 and Neutrik EtherCon® compatible and ideal for Cat 5e Patch, CobraNet, eSnake, Ethersound, Digital Audio over Ethernet. Bonded-Pair unshielded twisted pairs (UTPs) with 24 AWG stranded bare copper conductors & polyolefin insulation. Black jacket with rip cords.

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	500 Ft.	1,000 Ft.
BL-1304A	CAT5e / Digital Audio	24	7x32	0.245	15.0	70%	Unshielded	PVC	**$405.72**	**$756.62**
BL-1305A	Upjacketed 1304A	24	7x32	0.295	15.0	72%	Unshielded	PVC	**$479.35**	**$893.92**
BL-1300A	Wi-Fi / LAN / Shielded	24	7x32	0.295	15.0	72%	Unshielded	PVC	**$233.41**	**$435.27**

BELDEN *VideoTwist AV Over UTP Cable (Bonded Pairs)*

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
BL-7988R	Low Skew AV	24	Solid	0.204	15.0	70%	Unshielded	PVC/CMR	**$257.16**	29
BL-7987R	RGB Nano Skew	24	Solid	0.195	15.0	72%	Unshielded	PVC/CM	**$238.11**	20
BL-7989R	CAT6 Low Skew AV	23	Solid	0.365 x 0.165	15.0	70%	Unshielded	PVC/CMR	**$329.05**	29



PLATINUM TOOLS *SnapJacks Tool-Less Keystone Jacks*

You may never again need a punchdown tool. At least for your wall jacks! The patented EZ-SnapJack is self-terminating and quickly installs for professional results in a snap. EZ-SnapJacks are re-useable. Wire guides ensures pairs stay in proper order for fast, easy termination.

EZSJ-705-* • CAT5 • **Your Price $3.38 ea.**

EZSJ-706-* • CAT6 • **Your Price $3.69 ea.**

***Specify Color: BK = Black; BE = Blue; GN = Green; OE = Orange**

Pro CAT Crimper

All-in-one crimping tool for Western Electric (WE)/ Stewart Stamping (SS) type, 4-, 6- and 8-position modular telephone plugs • Crimps 8 position RJ45 (non-keyed) • Embedded cable cutter and stripper • Crimps AWG 28-24 telephone & data cables • Built-in safety ratchet release • 5-Year warranty

PAL-1530R • Your Price $119.95

GREENLEE
A Textron Company

NEW IP CONNECTIONS

markertek®

PLATINUM TOOLS®

In today's networks, twisted pair cables are demanding more speed and bandwidth. To help meet these requirements, Cat5e/6/6A cables have increased in size. **The new patented ezEX-RJ45 Termination System is the solution providing greater cable to connector compatibility to meet higher performance demands.**

- ✔ **A unique integrated Hi-Lo stagger load bar**
- ✔ **Allows "big" conductors to pass through the front end of the connector**
- ✔ **Easy to verify the wiring sequence before terminating**

Platinum Tools ezEX-RJ45 Series EXO-RJ45 Connector Crimp Frames

• Single cycle crimp and flush trim • EXO Die is easily interchangeable • Reversible EXO Die for left hand and right hand users • Connectors lock into tool for correct positioning during crimp • Push button lock for easy storage • Ergonomic comfort grip TPR handles

PLAT-100061C • Crimp Frame with EXO-EX Die
Reg. $98.00 **Your Price $83.30**

PLAT-100062C • Crimp Frame with EZ-RJ45 Die
Reg. $98.00 **Your Price $83.30**

Platinum Tools 100071C EXO-EX Connector Die
PLAT-100071C • *Reg. $52.00* **Your Price $44.20**

Platinum Tools 100071BL EXO-EX Die Replacement Blade
PLAT-100071BL • *Reg. $5.00* **Your Price $4.25**

Platinum Tools 100072C EZ-RJ45 Connector Die
PLAT-100072C • *Reg. $52.00* **Your Price $44.20**

Platinum Tools 100072BL EZ-RJ45 Die Replacement Blade
PLAT-100072BL • *Reg. $5.00* **Your Price $4.25**

PLATINUM TOOLS®

BELDEN
SENDING ALL THE RIGHT SIGNALS

The Belden 10GX REVConnect System is a future ready RJ45 connector system designed to meet the ongoing growth of IP Convergence and the increasing demand of power over Ethernet (POE) standards. REVConnect makes deployment easier and will put hours back in your day. Increasing the speed of your installation will allow you to complete more jobs, build your IT infrastructure quicker and increase your overall revenue.

- ✔ **Single Core for 8 Connector Types**
- ✔ **Simplified Tooling & Termination**
- ✔ **100 Watt POE Support**

Belden RevConnect CAT6plus Jack Electric White UTP T568 A/B Bulk Pack
BL-RV6MJKUEW-B24 • *Reg. $211.20* **Your Price bulk pack $194.00**

Belden REVConnect Cable Core
BL-RVUCOEW-B50 • *Reg. $25.00*
Your Price 50 pack $22.96

BELDEN
SENDING ALL THE RIGHT SIGNALS

Belden REVConnect 10GX T568 A/B UTP RJ45 Modular Jack Connectors
BL-RVAMJKUBK-B24 • Black • *Reg. $376.00* **Your Price 24 pack $345.38**
BL-RVAMJKUBL-B24 • Blue • *Reg. $376.00* **Your Price 24 pack $345.38**
BL-RVAMJKUEW-B24 • White • *Reg. $376.00* **Your Price 24 pack $345.38**
BL-RVAMJKUTB-B24 • TIA Blue • *Reg. $376.00* **Your Price 24 pack $345.38**

PLATINUM TOOLS®

ezEX-RJ45 EX44 10G RJ45 Connectors for 0.039 to 0.044 Conductor Sizes

- Simple one piece/pass through design, no bars or liners
- Hi-Lo stagger isolates each conductor for higher performance
- 5e/6/6A compliant • FCC, RoHS 2 & UL compliant
- Insulation diameter (conductor): Size range: .039" – .044" (1.0 –1.12mm)
- Max outer diameter: .290" (7.36mm)
- Rated up to 10 Gigabit for superior performance
- Works with solid or stranded conductors from 24-22 AWG
- Made in USA

PLAT-100028C • 50 Pack • *Reg. $37.50* **Your Price $31.88**
PLAT-202044J • Jar of 100 • *Reg. $74.00* **Your Price $62.90**
PLAT-105024 • 500 Bulk Pack • **Your Price $373.66**

ezEX-RJ45 EX48 10G RJ45 Connectors for 0.043 to 0.048 Conductor Sizes

PLAT-100029C • 50 Pack • *Reg. $45.50* **Your Price $38.68**
PLAT-202048J • Jar of 100 • *Reg. $89.67* **Your Price $76.22**
PLAT-105025 • 500 Bulk Pack • **Your Price $373.66**

Belden REVConnect Universal RJ45 Connector Termination Tool

- Single REVConnect Core can be Terminated with CAT5e, CAT6 or CAT6A Connectors
- Versatile - Switch from a Jack to a Plug with No Retermination
- Installs Faster to Complete Projects Quicker
- Gas-tight Connections
- Easy - Terminate All 8 Conductors at Once

BL-RVUTT01 • *Reg. $115.00* **Your Price $105.64**

BELDEN
SENDING ALL THE RIGHT SIGNALS

Belden REVConnect 10GX T568 A/B UTP Cable RJ45 Connector Plug - Shielded
BL-RVAFPSME-B24 • *Reg. $489.52*
Your Price 24 pack $449.66

Belden REVConnect 10GX T568 A/B UTP Cable RJ45 Connector Plug - Black
BL-RVAFPUBK-B24 • *Reg. $259.92*
Your Price 24 pack $238.76

Belden RVUDCBK-B24 Dust Caps for all REVConnct Jacks - 24 Pack
BL-RVUDCBK-B24 • Black • *Reg. $5.75* **Your Price $5.28**
BL-RVUDCBL-B24 • Blue • *Reg. $5.75* **Your Price $5.28**
BL-RVUDCEW-B24 • White • *Reg. $5.75* **Your Price $5.28**
BL-RVUDCTB-B24 • TIA Blue • *Reg. $5.75* **Your Price $5.28**

Colored Panel I.D. Icons for all REVConnct Jacks - 24 Pack
BL-RVUICBK-B24 • Black • *Reg. $4.50* **Your Price $4.13**
BL-RVUICBL-B24 • Blue • *Reg. $4.50* **Your Price $4.13**
BL-RVUICEW-B24 • White • *Reg. $4.50* **Your Price $4.13**
BL-RVUICTB-B24 • TIA Blue • *Reg. $4.50* **Your Price $4.13**

NEW 12G CONNECTORS

Amphenol 12GHz Crimp Plugs for Belden 4974R

Ultra High Definition Video (also known as "Ultra HD" or "4K UHD") requires an interconnect system that can transfer data at a rate of up to 12 Gbps. Using non-12G BNC connectors, this could require 2 or 4 channels. Amphenol RF's line of 12G BNC products are optimized for 4K Ultra HD Broadcast, providing crystal clear signal transmission on a single channel. These connectors are designed for 12G-SDI video cable termination applications.

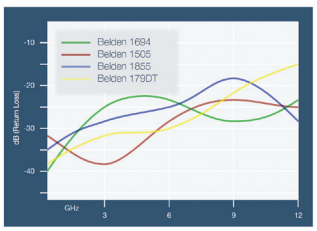
AMPH-031-70534 • BNC • **Discount** $4.92 ea.
AMPH-034-110412G • HD-BNC • **Discount** $9.24 ea.

- 12 Gb/s Performance per SMPTE Standard
- One Channel for 4K or Ultra-HD Quality
- Variety of PCB and Cable Products
- Positive-Lock BNC Bayonet Coupling
- Nickel Over Brass Construction with Gold Center Pin Contact

Amphenol® RF

Gigatronix 12GHz BNC Crimp Plugs

Nickel Plated 12G-SDI BNC Crimp Plugs • Suitable for all 12GHz/12G-SDI Video Applications • 500 Mating Cycles • Body: Zinc Alloy, Nickel Plated • Coupling Nut: Brass, Nickel Plated • Dielectric: Delrin • Pin: Brass, Gold Plated



Model #	Construction	Cable/Application	Your Price
GTX-BN151855C06Z	Nickel/Gold	Belden 1855A	$1.92
GTX-BN151855C23Z	**Black**/Gold	Belden 1855A	$1.98
GTX-BN151505C06Z	Nickel/Gold	Belden 1505A/1505F	$1.92
GTX-BN151505C23Z	**Black**/Gold	Belden 1505A/1505F	$1.98
GTX-BN151694C06Z	Nickel/Gold	Belden 1694A	$1.92
GTX-BN151694C23Z	**Black**/Gold	Belden 1694A	$1.98
GTX-BN150179C06Z	Nickel/Gold	Belden 179DT	$1.92
GTX-BN150179C23Z	**Black**/Gold	Belden 179DT	$1.98

Laird 252 Watt / 12 Volt / 21 Amp Heavy Duty Power Supply

LAIRD® DIGITAL CINEMA

Power Sony F-Series Cameras, RED Digital Cinema cams and similar equipment with 100% confidence with this ultimate AC power supply by Laird Digital Cinema. A streamlined 12VDC@21-amp power supply with 252 Watts of muscle to push power to your equipment. Houses an industry standard 4-Pin XLR female connector. 6 Foot IEC universal AC power cord provided.

LDC-12V21A-PWR • *Reg. $489.95*
Your Price $439.95

Laird 255 Watt / 15 Volt / 17 Amp Heavy Duty Power Supply

LAIRD® DIGITAL CINEMA

Power Sony F-Series Cameras, RED Digital Cinema cams and similar equipment with 100% confidence with this ultimate AC power supply by Laird Digital Cinema. A streamlined 15VDC@17-amp power supply with 255 Watts of muscle to push power to your equipment. Houses an industry standard 4-Pin XLR female connector. 6 Foot IEC universal AC power cord provided.

LDC-15V17A-PWR • *Reg. $499.95*
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Laird CCA-5 8-Pin Hirose to RJ45 EtherCon Adapters

A simple solution from Laird to as a cost effective replacement for SonyCCA5 camera cables. The Laird CCA5-2-RJ45 breakout cables adapt standard Hirose 8-Pin CCA5 multi-pin connections at the camera end to cost effective CAT5 runs carrying video and control data between camera and RCU/RCP. Complete set includes Camera and CCU side.

LDC-CCA5-2-RJ45 • *Reg. $219.95*
Your Price $199.95

Laird 12G-SDI/4KUHD Single-Channel BNC to BNC Camera Cables

Just when the broadcast industry thought long distance 12G-SDI over coax would never be possible, Laird and Belden have teamed up to deliver once again.

Laird introduces the gold standard next-gen BNC cable designed to handle long distance 12GHz 4K UHD signals. The critical missing link between your switchers, cameras and other 4K video gear is found with these hand crafted Belden cables featuring 4794R coaxial cable. Sending 12G-SDI over 300 foot distances is easily achieved making these cables the simple choice when setting up your studio backbone and infrastructure.

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- ✔ Durable 16AWG, Precision Coax Cable
- ✔ Watertight, Locking, 1 Piece BNC Compression Connectors
- ✔ Superior Pull Strength for Secure Connections
- ✔ Maximize broadcast signal integrity

4794R-B-B-003 • 3 Foot	$21.95	**4794R-B-B-050** • 50 Foot	$145.95
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Markertek Panel Design APP

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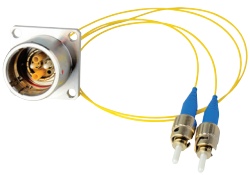
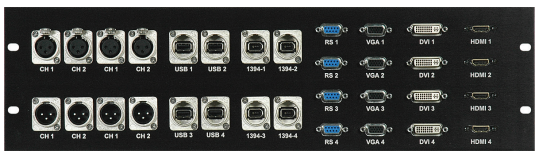


Custom Cables for All Fiber, Video & Audio Applications



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Nobody offers the full range of custom services for the broadcast, pro-audio and presentation professional like Markertek. Why not send us all of your custom needs and let us create those one of a kind solutions that make your projects all come together?

Custom Cable Shop

Our in-house facility uses the finest, state-of-the-art equipment to produce custom cables and interface solutions that you require. Our shop is LEMO, Neutrik & Belden Certified, RoHS compliant and has the latest test equipment to produce 100% quality controlled cable assemblies.

Custom Metal Shop

Our in-house metal shop utilizes the very latest in laser & plasma cutters to produce anything and everything the media professional requires. Custom panels, wall plates, cable reels, stage boxes, wall & floor pockets in any quantity are only a phone call away.

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Now you can design your own custom patch bay - fiber, audio and video - loaded with the connectors of your choice. Choose from the highest quality connectors in the industry. Names like Neutrik, Canare, Switchcraft, Senko, and TecNec. The 24XU features two rows of 12 positions for a total of 24 connector possibilities. The 8XU features one row of 8 positions. All connectors are precision mounted on a steel 19" rack panel. Each bay is fabricated in our factory and shipped to you complete and ready-to-use.

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VPTR-24 • *Regular Price $31,995.99*

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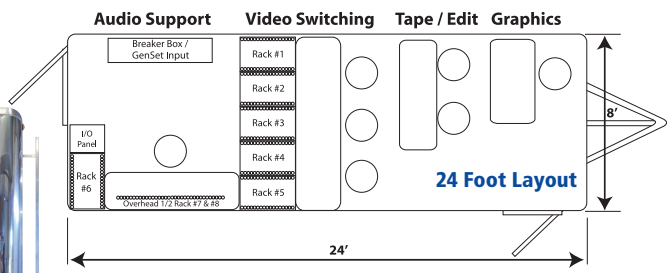

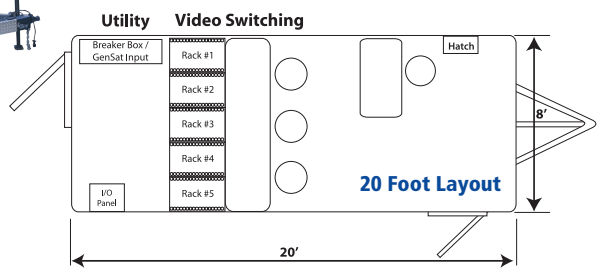

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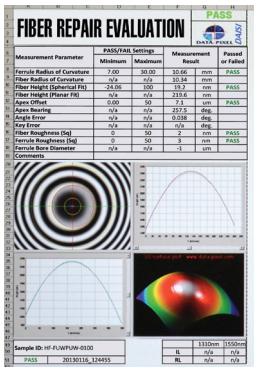

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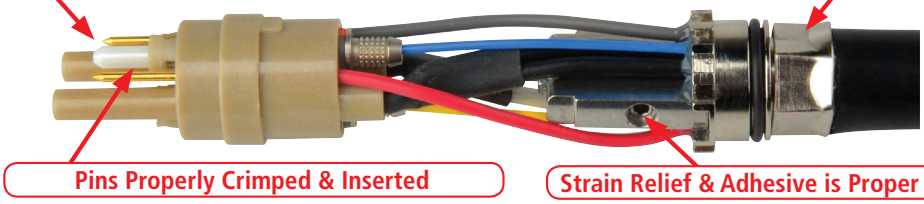

Send Your Fiber Cables to:

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Saugerties, NY 12477
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Please include full contact information with your defective fiber optic cables.

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