percon

Manufacturing and Supply of Professional Broadcast Equipment

MULTIMEDIA


percon

For more than 40 years PERCON has been devoted to the design, manufacturing and marketing of professional cabling solutions for the Broadcast and multimedia fields.

Our team is composed of over 40 technical, sales and logistics specialists that guarantee the best customer service and technical support and offer an impressive range of top-quality products to meet any project's needs.

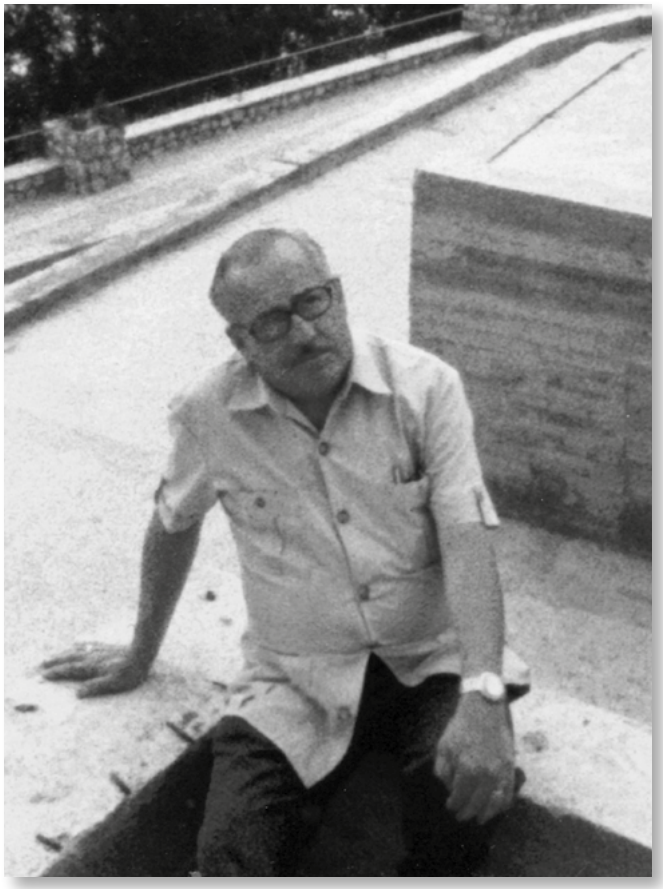
In accordance to our customer-oriented strategy that has led us to constantly increase our products portfolio, PERCON's renowned European audio, video, control, fiber and all type of multicore cables and assemblies are now accompanied by multiple related articles such as cable testers, connectors, tools, reels, etc.

This catalogue encompasses all the items that make PERCON a one-stop shop for the broadcast and system integrations people. We thank you for the trust you have placed on us and that has situated PERCON as a key supplier in the international broadcast industry.

German Permanyer

Domènec Permanyer

Permanyer brothers. Old haberdashery, 1969



Quirze Permanyer

The beginning

PERCON's origins date back to Mr Quirze Permanyer, whose enterprising spirit and ambition led him to start repairing radios and record players in the 1940s.

Radios at the time were complicated and knowing how to repair them demanded being up to date with the "new technologies", something that is still essential nowadays in PERCON's policy.

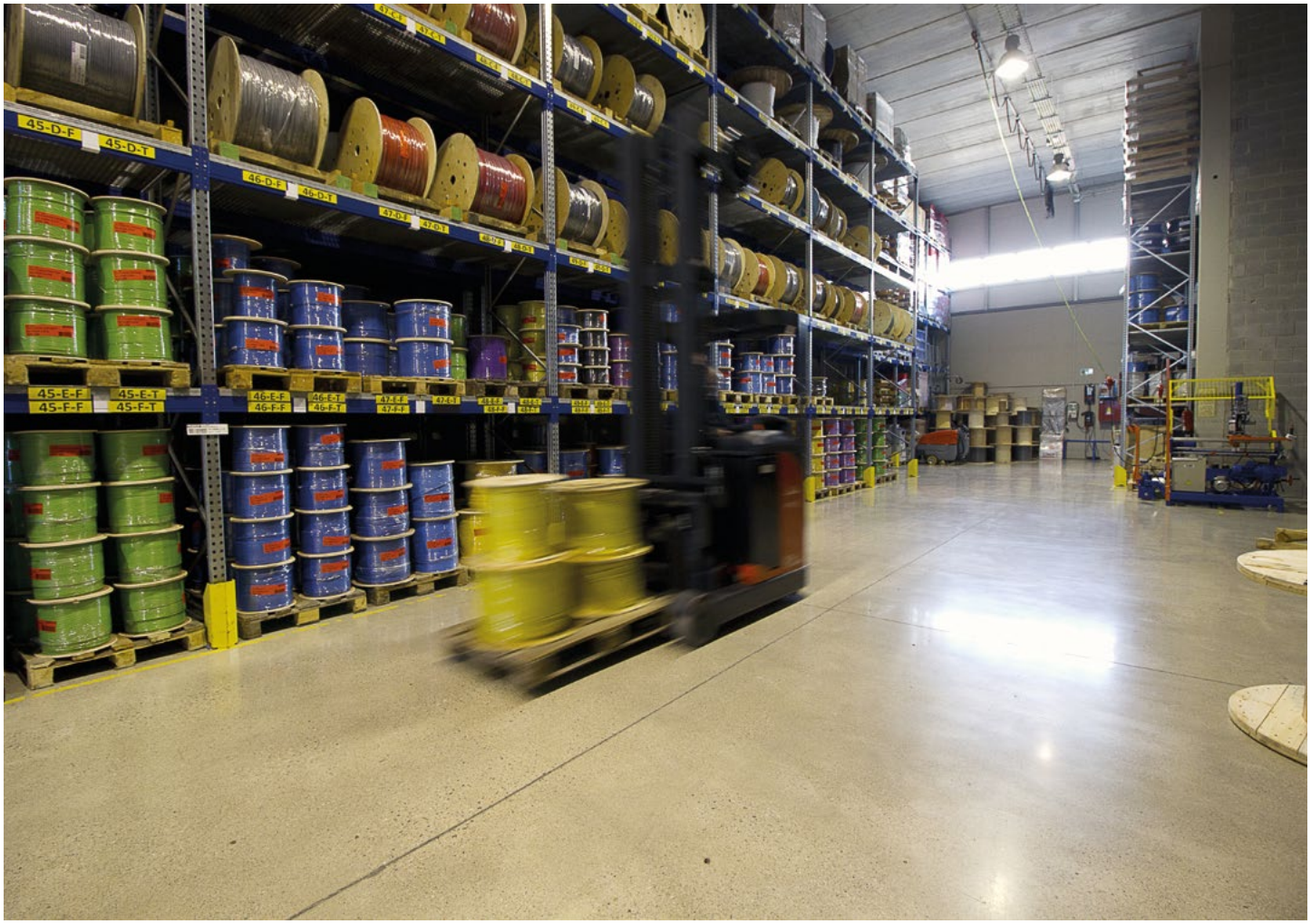
Over time, besides repairs, customers started ordering some customised cables for those devices and he realised that the cables were generating even more interest than the repairs themselves, so he started to focus his attention in supplying tailored assemblies.

A small haberdashery on Diputació Street in Barcelona became the workshop in which the whole Permanyer Griñó family worked together. Quirze's sons, Domenec and German, bought the cables and the connectors and offered the customers made-to-measure solutions, while his wife, Isabel, packaged and labeled the orders with the reference of the product and the customer's name.

Ever since, PERCON has focused in the specialized production of cables for the broadcast and multimedia field (Audio, Video y Control).

With more than 40 years of experience in the industry, PERCON has gradually increased its range of products, that now amount to around 2000 references (including audio, video, data, control, fiber optic, connectors, accessories…), constantly aiming to meet the customers' needs.

Today, PERCON is a company in constant expansion, thanks to a team of specialists with high technical and commercial knowledge and expertise that are able to offer the best technological, commercial, marketing and logistic solutions, always under the management of the Permanyer brothers, who keep up the entrepreneurial and family spirit that started one day with Quirze Permanyer.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NEUTRIK

OUR VALUES

"Always innovating and looking for new products and solutions"

PERCON's main goal is to offer the best service to our customers. For this reason, our philosophy is simple: costantly search for new products and solutions to meet the ever-changing needs of a constantly evolving industry.

"We offer technical assistance from the start to the end of a project"

Our Engineering Department offers both a presale service providing advice in the project design and after-sales assistance helping the installation technicians in charge of implementing the project.

"Maximum quality of our products
(ISO9001:2015 certified)"

PERCON products comply with the quality requirements established by ISO9001:2015.

"We are a global supplier"

Our range of products includes a wide variety of professional top-quality cables, connectors, assemblies, tools and accessories to cover the installation needs of any multimedia and broadcast project.

We also distribute selected products of highly regarded International brands.

percon

BRANDS

"Our Distribution business includes some of the best international brands"

Our partners have trusted and keep trusting us to distribute their products through our sales network.

PERCON distributes the following brands (among others):

AVP EUROPA

schill

MuxLab

FURUKAWA ELECTRIC GROUP

PLATINUM TOOLS

opticis

LEMO

NEUTRIK

fischer CONNECTORS

CANARE

HRS

ENTERTAINMENT @ AMPHENOL

REAN

Switchcraft ProAudio

TAJIMI

MARKET SOLUTIONS

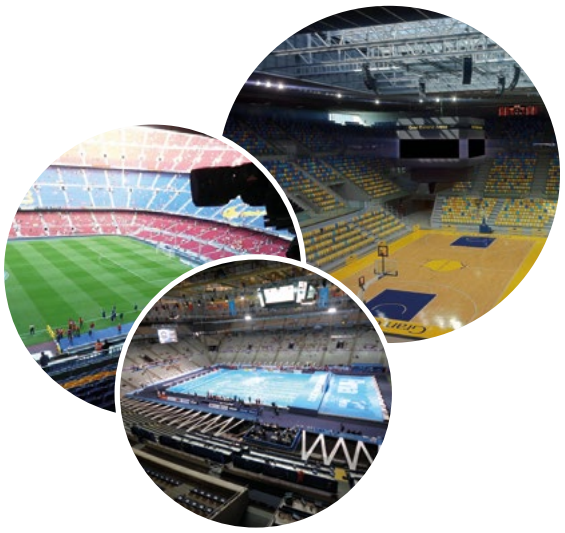
Our Engineering Department can assist you with the design of your projects and recommend the products that best suit your needs. We offer a wide range of products to meet the needs of the broadcast, telecom, multimedia and installation industries.

Broadcast

Data

Performing arts

Sports events



Telecom

Our products are present in major installations and projects worldwide.

TV STATIONS – RADIO STATIONS – FOOTBALL STADIUMS – MULTIPURPOSE PAVILLIONS- CITY HALLS – PUBLIC ORGANISATIONS – AUDITORIUMS – FILM PRODUCERS – THEATRES


percon
MULTIMEDIA
M1-2R2
Stretch DVI
Optical DVI Module
Transmitter
CYGNUSPRO
Muxlab
SFP Ouput

Cygnus

CNR-FCT-FCKIT

Canare cable checker allows fast, easy confirmation of HFO cables in the field. No heavy equipment to drag around. The compact design features a backlight digital display to measure optic loss/power and electrical continuity. Small and light, Canare Cable Checker helps make mobile installations smooth, secure and constant.

Key Features and Benefits

- Compact, hand-held design.
- Measured optical loss and power in addition to electrical signals.
- 2x AA, 20 hours battery life.
- The kit includes a storage case, carrying cases, AA Batteries, and cleaning sticks.

KIT MODEL	FCT-FCKIT
DCF01	SMPTE/ARIB (Canare FC Series)
LD	FP-LD
Longitud de onda	1,310nm
Potencia de salida	-2.5dBm
Sensibilidad	-24 a -2dBm
Longitud máxima	3,5 km (canare LF-2SM9N)
Líneas Ópticas	Two Lines: Power and Loss
Líneas de cobre	Power, Control and Shield: Connectibility
Duración de la batería	2pcs of AA / Approx. 20 hours
Temperatura de funcionamiento	-10 a 60 º C
Dimensiones	FCT-FC: 46 x 46 x 150 mm FCT-FCLB: 46 x 46 x 65 mm
Peso	FCT-FC: 380 g FCT-FCLB: 170 g
Accesorios	Storage case, carrying cases, AA Batteries, and cleaning sticks

OPTICIS

DVI

Four Fiber Detachable Extender OPTICIS-M1-201SA-TR

M1-201SA-TR is capable of driving uncompressed WUXGA (1920x1200) 60Hz DVI signal up to 500m (1640feet) over a pair of duplex LC MM fiber.
For better installation flexibility, it features patent pending Self-EDID management, reading and restoring by just plugging transmitter module to the display.

Two Fibers Detachable Extender OPTICIS-M1-201DA-TR

M1-201DA-TR is capable of driving uncompressed WUXGA (1920x1200) 60Hz DVI signal up to 1,500m (4920feet) over a duplex LC single-mode or 500m (1640feet) over a duplex LC multi-mode fiber. The key features of M1-201DA-TR is, by using an optical passive splitter (OPS-216L), one (1) signal from transmitter can be copied up to 8 different displays and it gives you a cost effective and space saving installation for various application.
For better installation flexibility, it features patent pending Self-EDID management, reading and restoring by just plugging transmitter module to the display.

One Fiber Detachable Extender OPTICIS-DVFX-100-TR

With OPTICIS leading-edge fiber-optic technology, DVFX-100-TR is capable of driving uncompressed WUXGA (1920x1200) 60Hz and 2K resolution of DVI signal up to 500m (1640ft) over one(1) SC MM fiber.
For better installation and flexibility, it features patent pending Self-EDID management, reading and restoring of the display information, by just plugging transmitter module to the display.

One Fiber Detachable Extender OPTICIS-DVFX-110-TR

The detachable DVI extender, DVFX-110-TR offers easy connection to your existing system with minimum efforts and no modification, since it is designed compactly enough and compatible with all industry standard connectors. The metallic die-casting enclosure gives reliable installation, excellent EMI shields and heat dissipation in harsh and noisy environments.

DVFX-110-TR is capable of driving uncompressed WUXGA (1920x1200) 60Hz DVI signal up to 1,500m (4920feet) over one (1) SC single-mode or 500m (1640feet) over one (1) SC multi-mode fiber. The key features of DVFX-110-TR is, by using an optical passive splitter (OPS-116S), one (1) signal from transmitter can be copied up to 16 different displays and it gives you a cost effective and space saving installation for various application.

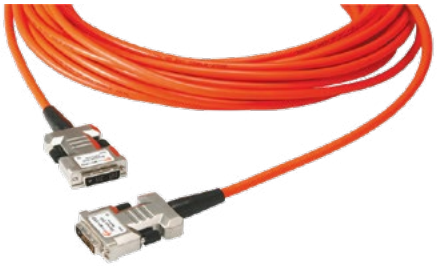
Two Fiber Dual Link Detachable Extender OPTICIS-DDFX-100-TR

The detachable Dual-Link DVI extender DDFX-100-TR offers easy connection to your existing system with minimum efforts and no modification, since it is designed compactly enough and compatible with all industry standard connectors. The metallic die-casting enclosure gives reliable installation, excellent EMI shields and heat dissipation in harsh and noisy environments.

DDFX-100-TR transmits uncompressed WQXGA (2560x1600), 60Hz or WQUXGA (3840x2400), 33Hz rex-fresh ratio of Dual-Link DVI up to 500meters (1640feet) over two (2) LC multi-mode fibers. The EDID in a display can be read and restored to the transmitter module just by plugging to the display.

This Self-EDID programming feature makes the installation of DDFX-100-TR easier and flexible at any variable resolution display system.

DVI Hybrid Cable OPTICIS-M1-1P0E



Point-to-Point DVI hybrid cable, M1-1P0E has four (4) multi-mode fibers for TMDS transmission and copper wires for DDC/HDCP in a jacket. It transmits uncompressed 2K resolution at 60Hz or WUXGA (1920x1200) at 60Hz, and 1080p DVI signal up to 100m (328feet). +5V DC power, which can be connected to video source or display, is supplied in a shipping group.

Dual Link Optical Extender OPTICIS-M1-3R2VI-DU

Detachable DVI optical extender, M1-3R2VI-DU is a Dual-link box type product enabling to transmit two (2) TMDS signals with uncompressed WQXGA (2560x1600) 60Hz DVI up to 2,000m (6560feet) over a pair of duplex single-mode fibers and 500m (1640feet) over a pair of multi-mode fibers with LC terminated connector.

For better installation and flexibility, it features patent pending Self-EDID management, reading and restoring of display information, by just plugging transmitter module to the display. It complies with DDC/HDCP and also certified with FCC/CE and Class 1 LASER Eye Safety for various applications.

HDMI

4K Two Fiber HDMI 2.0 Extender OPTICIS-HDFX-350-TR

HDMI 2.0 optical fiber detachable extender, HDFX-350, extends HDMI 2.0 signal up to 200m (656feet) and transmits 4K UHD (4096x2160) at 60Hz over one duplex LC multi-mode fibers. Leading-edge technology of Opticis allows long distance transmission of 4K signal without any video/audio degradation.

HDFX-350 is designed compact enough to be fitted into various installation environments. It gives slim, light, easy installation with perfect electrical isolation, but without electrical hazard and interference.

High-Retention HDMI connector, which allows for more retention force than standard HDMI connector, prevents accidental disconnection.

HDFX-350 is compliant with HDMI standards features like CEC, EDID and HDCP 2.2 for better installation flexibility and compatibility. It also supports HDR to deliver more realistic, and objective video signal.

HDFX-350 can be operated by either 5V power from HDMI source(Tx only) or USB power. Auto Power-Switching feature makes it more reliable on its power supply.

HDMI 2.0 Detachable Cable OPTICIS-HDFC-200D

Detachable HDMI 2.0 active optical cable, HDFC-200D, enables to transmit 4K (4096x2160) at 60Hz signal up to 100m (384feet) over plenum graded (or LSZH) hybrid cable. It avoids any scaling or data compression for lessening a burden of data transmission.
HDFC-200D is designed compact enough to be fitted into various installation environments with cutting edge technology performance.
HDFC-200D offers perfect flexibility during installation by separating HDMI connector part and Active Optical Cable part. It gives slim, light, easy installation like a general copper HDMI cable. It can be operated by external USB power on the RX side of the cable. Optional USB power cable on TX side is available upon request.

HDMI 2.0 Detachable Active Optical Cable OPTICIS-LHM2-P

Detachable 4K HDMI 2.0 Active Optical Cable, It enables to deliver 4K DCI (4096x2160) at 60Hz signal up to 100m (328ft). It avoids any scaling or data compression for lessening a burden of data transmission.

LHM2-P is designed for critical display applications that demand flawless HDMI signal integrity and it provides transparent signal transmission over plenum graded, LSZH graded, or TPU hybrid cable.

LHM2-P offers perfect flexibility during installation by separating HDMI connector part and Active Optical Cable part. It gives slim, light, easy installation like a general copper HDMI cable. LHM2-P is powered by external 5V micro USB power supply cable.

HDMI 2.0 Active Optical Cable OPTICIS-LHM2-N

4K HDMI 2.0 Active Optical Cable, LHM2-N enables to deliver 4K DCI (4096x2160) at 60Hz signal up to 100m (328ft) with non-detachable cable. It avoids any scaling or data compression for lessening a burden of data transmission.

LHM2-N is designed for critical display applications that demand flawless HDMI signal integrity and it provides transparent signal transmission over plenum graded, LSZH graded, or TPU hybrid cable.

LHM2-N series give slim, light, easy installation like a general copper HDMI cable. It holds firmly distinctive performance advantage as it requires absolutely no external power to operate. It solely utilizes TX and RX of the cable to function without any additional setting requirements.

HDMI 2.0 Bus Powered Cable OPTICIS-HDFC-200P

HDMI 2.0 active optical cable, HDFC-200P, enables to transmit 4K (4096x2160) at 60Hz signal up to 100m (328feet) over plenum graded (or LSZH) hybrid cable. It avoids any scaling or data compression for lessening a burden of data transmission.

HDFC-200P is designed compact enough to be fitted into various installation environments with cutting edge technology performance. It gives slim, light, easy installation like a general copper HDMI cable. It can be operated by DDC 5V from HDMI port of HDMI source without any external DC power or USB power.

HDFC-200P is compliant with HDMI standards features like CEC, EDID, and HDCP 2.2 for better installation flexibility and compatibility. It also supports HDR to deliver more realistic, and objective video signal.

4K One Fiber HDMI 2.0 Extender OPTICIS-HDFX-500-TR

HDMI 2.0 optical fiber detachable extender, HDFX-500-TR, extends HDMI 2.0 signal up to 200m (656feet) and transmits 4K UHD (4096x2160) at 60Hz over one LC multi-mode fiber. Leading-edge technology of Opticis allows long distance transmission of 4K signal without any video/audio degradation.

HDFX-500-TR is designed compact enough to be fitted into various installation environments. It gives slim, light, easy installation with perfect electrical isolation, but without electrical hazard and interference.

HDFX-500-TR adopted High-Retention HDMI connector, which allows for more retention force than standard HDMI connector, prevents accidental disconnection.

HDFX-500-TR is compliant with HDMI standards features like CEC, EDID and HDCP 2.2 for better installation flexibility and compatibility. It also supports HDR to deliver more realistic, and objective video signal.

HDFX-500-TR can be operated by either USB power or DDC 5V power from HDMI source (Tx only). Auto Power-Switching feature makes it more reliable on its power supply.

Extra Copper Extension: HDMI 2.0 Extender OPTICIS-HDFX-700-TR

HDMI 2.0 one(1) fiber optical detachable extender with copper extension, HDFX-700-TR, extends HDMI 2.0 signal up to 200m (656feet) and transmits 4K UHD (4096x2160) at 60Hz over one(1) LC multi-mode fiber(OM3). Cutting-edge technology of Opticis reduces limits in the installation by providing an option for longer copper extension.

HDFX-700-TR transmits uncompressed and transparent data signal even when used with up to 2 m copper cable as an intermediary. This enables installation of the product in the limited spaced area in such our small module type extender cannot be used. 2m copper cables for both sides are provided in the shipping group.

Furthermore, HDFX-700-TR offers two selectable functions by choosing certain type of firmware. Each firmware allows different function: 1. ARC support up to 200m; 2. full interoperability with HDFX-500 as a pair. The default setting is ARC mode, but depending on the circumstances, the customer can change the firmware to use a direct connection type module (HDFX-500) on one side, and a copper extension type module on the other side.

DISPLAYPORT

4K Two Fiber DisplayPort 1.2 Extender OPTICIS-DPFX-200-TR

Optical DisplayPort extender, DPFX-200-TR is designed compact enough to be fitted into various installation environments with two (2) LC fibers connection.

The transmitter and receiver set, DPFX-200-TR enables to transmit 4K (4096x2160) at 60Hz signal up to 200m (656feet) over two (2) LC multi-mode fibers, avoiding any tricks like scaling or data compression for lessening a burden of data transmission.

Between the transmitter and the receiver, pure fiber connection by two (2) LC fibers connector gives clean, secure and easy installation with a perfect electrical isolation and no electrical hazard. The DPFX-200-TR can be operated by USB power without external DC power adapter by plugging the supplied USB to DC plug cables to each module.

4K Two Fiber DisplayPort 1.2 Extender OPTICIS-DPFX-250-TR

Optical DisplayPort extender, DPFX-250-TR is designed compact enough to be fitted into various installation environments with two (2) LC fibers connection.

The transmitter and receiver set, DPFX-250-TR enables to transmit 4K (4096x2160) at 60Hz signal up to 200m (656feet) over two (2) LC multi-mode fibers, avoiding any tricks like scaling or data compression for lessening a burden of data transmission.

Between the transmitter and the receiver, pure fiber connection by two (2) LC fibers connector gives clean, secure and easy installation with a perfect electrical isolation and no electrical hazard. The DPFX-250-TR can be operated by USB power without external DC power adapter by plugging the supplied USB to DC plug cables to each module.

4K One Fiber DisplayPort1.2 Extender OPTICIS-DPFX-300-TR

DPFX-300-TR, extends DisplayPort 1.2 signal up to 200m (656feet) and transmits 4K UHD (4096x2160) at 60Hz over one(1) LC multi-mode fiber(OM3).
Leading-edge technology of Opticis allows long distance transmission of 4K signal without any video/audio degradation.

DPFX-300-TR is designed compact enough to be fitted into various installation environments. It gives slim, light, easy installation with perfect electrical isolation, but without electrical hazard and interference.
Between Transmitter (DPFX-300-Tx) and receiver (DPFX-300-Rx), pure fiber connection by single LC fiber connector gives clean, secure and easy installation.

Extra Copper Extension: DisplayPort1.2 Extender OPTICIS-DPFX-700-TR

DisplayPort 1.2 one(1) fiber optical detachable extender with copper extension, DPFX-700-TR, extends DisplayPort 1.2 signal up to 200m (656feet) and transmits 4K UHD (4096x2160) at 60Hz over one(1) LC multi-mode fiber(OM3). Cutting-edge technology of Opticis reduces limits in installation by providing an option for longer copper extension.

DPFX-700-TR transmit uncompressed and transparent data signal even when used with up to 2 m copper cable as an intermediary. This enables installation of the product in the limited spaced area in such our small module type extender cannot be used. 2m copper cable is provided in the shipping group.

Furthermore, to meet all the needs of the customers, DPFX-700-TR is fully compatible with using DPFX-300 as a pair. Depending on the circumstances, customer can choose to use direct connection type module on one side, and copper extension type module on the other side.

DisplayPort1.2 to HDMI 2.0 Converting Cable OPTICIS-DHFC-200D

Detachable DisplayPort 1.2 to HDMI 2.0 converting active optical cable, DHFC-200D, enables to convert DisplayPort 1.2 signal to HDMI 2.0 signal, and extends 4K (4096x2160) at 60Hz up to 100m (328feet) over plenum graded (or LSZH) hybrid cable. It avoids any scaling or data compression for lessening a burden of data transmission.
DHFC-200D is designed compact enough to be fitted into various installation environments with cutting edge technology performance.
DHFC-200D offers perfect flexibility during installation by separating DisplayPort and HDMI connector part and Active Optical Cable part. It gives slim, light, easy installation like a general copper cable, moreover DHFC-200D converts DisplayPort 1.2 signal to HDMI 2.0 signal and extends this signal much longer than general copper cable.

DisplayPort 1.2 Detachable Cable OPTICIS-DPFC-200D

Detachable DisplayPort 1.2 active optical cable, DPFC-200D, enables to transmit 4K (4096x2160) at 60Hz signal up to 100m (384feet) over plenum graded & LSZH hybrid cable. It avoids any scaling or data compression for lessening a burden of data transmission.

DPFC-200D is designed compact enough to be fitted into various installation environments with cutting edge technology performance.

DPFC-200D offers perfect flexibility during installation by separating DisplayPort connector part and Active Optical Cable part. It gives slim, light, easy installation like a general copper DisplayPort cable.

Optional USB power cable on RX side can be provided upon request for non-standard display device which provides insufficient power to operate.

Two Fibers Detachable DisplayPort Extender OPTICIS-DPFX-100-TR

Optical DisplayPort extender, DPFX-100-TR is designed compact enough to be fitted into various installation environments with two (2) LC fibers connection. The transmitter and receiver set, DPFX-100-TR enables to transmit WQXGA (2560x1600) at 60Hz signal up to 200m (656 feet), avoiding any tricks like scaling or data compression for lessening a burden of data transmission. It provides total data throughput 10.8Gbps (2.7Gbps per lane).

The pure fiber connection by two (2) LC fibers connector between transmitter and receiver, gives clean, secure and easy installation with perfect electrical isolation, but no electrical hazard.

The DPFX-100-TR can be operated by USB power without external DC power adapter by plugging the supplied USB to DC plug cables to each module.

In shipping group, two (2) short DP cables are also included so as to be mated to various types of DP connectors.

MULTIMEDIA

Optical KVM Extender OPTICIS-N5-1003-TR

M5-1003-TR offers extremely long extension of DVI, USB, serial control data and audio up to 2,000m (6560feet) over single-mode and 500m (1640feet) over multi-mode fibers with a pair of duplex LC connectors. It is tremendously long over the limits of copper extensions like a few of meter of DVI and USB.

Designed for high resolution performance, it guarantees lossless image quality and no frame dropping to deliver perfect graphic data transmission up to WUXGA (1920x1200) at 60Hz refresh rate. It is designed to multiplex and de-multiplex DVI, USB, RS232, and stereo audio so as to be linked over four (4) single-mode LC fibers at 1310nm/1550nm. It provides Self-EDID programming feature that makes the installation of M5-1003-TR more easy and flexible at any variable resolution.

Two PCs Switchable Dual-head DVI Optical KVMC OPTICIS-KVMX-100-TR

Dual-head DVI optical KVM extender, KVMX-100-TR is designed to extend Dual DVI outputs with keyboard, mouse and bi-directional audio. The key feature of KVMX-100-TR is 2:1 KVM switch function which enables user to select to switch and control one PC between two (2) PCs when it has two (2) PCs as a host.

KVMX-100-TR transmits DVI, USB HID, RS232 and bi-directional stereo audio signal up to 1.0km (3280feet) over two (2) duplex LC single-mode fibers or 300m (985feet) over two (2) duplex LC multi-mode fibers.

Designed for high resolution performance, KVMX-100-TR guarantees lossless image quality and no frx-ame dropping. Besides, it delivers perfect graphic data transmission up to WUXGA (1,920x1,200) at 60Hz.

KVMX-100-TR provides Auto-mix EDID programing feature that reads EDID information from both local and remote displays and then determines the lowest resolution of them. It makes the installation of KVMX-100-TR easy and flexible at any variable resolutions.

USB

USB 3.0 Active Optical Cable OPTICIS-USB-FC30AA

OPTICIS USB extension cable, USB-FC30AA, links the USB data up to 100m (328ft) without any repeater. USB-FC30AA provides the simplest way to link the USB device far from the host.

USB-FC30AA provides A plug to A plug. It offers convenient extension where there is no AC power supply adjacent at the end of the device. Furthermore, bi-directional transmission increases the convenience in such users do not need to distinguish TX/RX side of the connector. Connected device must be self-powered.

USB 1.1 Optical Cable (All Fiber) OPTICIS-M2-100

Point-to-point USB optical cable, M2-100 extends USB signal up to 40m (130feet) over four (4) multi-mode fibers and provides prefect electrical galvanic isolation enabling to use in various OS interfaces.

M2-110 option avaible for A plug-in to B plug-in type.

MATRIX ROUTER

4x4 HDMI Matrix Router OPTICIS-OHM-44UHD

OHM-44UHD provides a high level of audio and video performance with support for resolutions up to 4K@60Hz (RGB & YCbCr : 4:4:4). It also supports HDR (High Dynamic Range) to deliver more realistic and objective video signal as well as pass-through support of digital audio formats to bring lossless sound.

The four (4) HDMI inputs and four (4) HDMI outputs support full matrix switching function with various control methods such as front panel buttons, RS-232, telnet, Web GUI and IR remote.

User-friendly WebGUI interface supports storing and recalling up to four routing presets, making remote control and configuration of the unit conveniently.

Built in EDID management support allows the users to choose and select from multiple built-in EDIDs as well as to upload custom EDID files and download the EDID from connected displays.

32x32 Optical Modular Matrix OPTICIS-OMM-2500

The OMM-2500 enables to switch up to 32 DVI /HDMI / SDI / DisplayPort sources to 32 different digital displays by using general PC software like Hyperlink terminal, telnet or web browser. It can be configured using 8 input and output cards and each card has 4 ports of input and output.

Easy programming feature is accomplished in various manners such as manual input of front key or command line (ASCII or Binary code) input with various interfaces of RS-232, and TCP/IP and it offers you flexible installation with other video controllers or control software.

The input and output cards are composed of 4 ports DVI / HDMI /SDI / DisplayPort, therefore user can configures any input and output channels from 4X4 to 32X32 by plugging the cards into OMM-2500 mainframe. In case of Dual link DVI card (DDVI-2EI / DDVI-2EO), it is composed of 2 ports, therefore configuration for input and output channels are from 2x2 to 16x16. It equips electrical DVI, HDMI, SDI, DisplayPort and optical DVI (SDVI-1FI/SDVI-1FO) input and output cards.

Optical DVI input and output cards works perfectly with OPTICIS 1 fiber DVI extension module, DVFX-100 and maximum 1Km DVI signal extension can be managed with this combination. It also supports wide-range compatibility with respect to systems, consisting of various DVI sources and various digital monitors. It has been designed not only to fully execute the DDC /HDCP (Electrical DVI, HDMI cards only) function between any inputs and outputs, but also to have users designate EDID to inputs for wide compatibility.

Embedded video signal generator and diagnostic function help the user solve the installation problem with easy and optional quad multi-viewer card saves the installation cost.

16x16 Optical Modular Matrix OPTICIS-OMM-1000

OMM-1000 enables you to switch up to 16 DVI / HDMI / SDI / DisplayPort sources to 16 different digital displays by using general PC software like Hyperlink terminal, telnet or web browser. It can be configured by using 4 different input and output cards and each card has 4 ports of input and output.

Easy programming feature is accomplished in various manners such as manual input of front key or command line (ASCII or Binary code) input with various interfaces of RS-232, and TCP/IP and it offers you flexible installation with other video controllers or control software.

The input and output cards are composed of 4 ports, therefore user can configures any input and output channels from 4x4 to 16x16 by plugging the cards into OMM-1000 mainfrx-ame. In case of Dual link DVI card (DDVI-2EI / DDVI-2EO), it is composed of 2 ports, therefore configuration for input and output channels are from 2x2 to 8x8. It equips electrical DVI, HDMI, SDI, DisplayPort and optical DVI (SDVI-1FI/SDVI-1FO) input and output cards.

Optical DVI input and output cards works perfectly with OPTICIS 1 fiber DVI extension module, DVFX-100, and Maximum 1Km DVI signal extension can be managed with this combination. It also supports wide-range compatibility with respect to systems, consisting of various sources and various digital monitors. It has been designed not only to fully execute the DDC (Display Data Channel)/HDCP (High-bandwidth Digital Content Protection) function(Electrical DVI and HDMI cards only), but also to have users designate EDID to inputs for wide compatibility.

8x8 DVI Matrix Router OPTICIS-ODM-88

ODM88 enables you to make cross-switch up to 8 digital displays from up to 8 DVI sources from host computers in far locations. Host computers in remote locations control ODM88 either using general PC software like Hyperlink terminal (serial communication), web browser (LAN), or using Opticis dedicated software that is included..

Easy programming of EDID setting and switching can be accomplished by using front-panel buttons, or by PC program via RS-232, USB, or Ethernet connections. It has been designed to fully execute the DDC (Display Data Channel) and HDCP (High-bandwidth Digital Contents Protection) function between any input and output switched, and also allows user to designate any EDID to input for wide compatibility.

ODM 88 supports a wide range of DVI graphic sources and monitors. It also allows user to set own programming with basic command sets of ASCII or Binary codes to offer flexible application with other video controller or control software.

8x8 HDMI Matrix Router OPTICIS-OHM-88

The products, OHM-88 enable you to cross-switch between up to 8 HDMI/DVI sources from HDMI display sources or host computers. Host computers in remote locations control OHM88 either using general PC software like Hyperlink terminal (serial communication), web browsers (LAN) or Opticis' dedicated software that is included.

Program set up and easy and can be accomplished in various manner such as manual input from front key buttons or PC program with various interfaces of RS-232 and Ethernet by basic command sets of ASCII or Binary codes to offer flexible application with other video controllers or control software. It has been designed not only to fully execute the DDC (Display Data Channel)/HDCP (High-bandwidth Digital Content Protection) function between any input and output switched, but also to have users designate any EDID to inputs for wide compatibility.

The products support wide-range compatibility with respect to systems, consisting of various HDMI/DVI graphic sources and HDMI / DVI displays. They also cover user's own programming with basic command sets of ASCII or Binary codes to offer flexible application with other video controllers or control software.

CONVERTERS

4K Video signal wall-plate converter OPTICIS-HDHF-4K

1 Gang-sized Multi-format Wall Plate Converter, HDHF-4K receives HDMI 2.0 and DisplayPort 1.2 into optical HDMI 2.0 signal and transmits it up to 200m(656ft) over one (1) multi-mode fiber (OM3) without any data compression or latency. To recover electrical HDMI signal, one (1) fiber HDMI receiver, HDFX-500-RX and HDFX-700-RX should be used at the display end.

Multi-Format Converter OPTICIS-MVDF

1 Gang-sized Multi-format Wall Plate Converter, MVDF receives DVI, VGA, Composite and S-Video into optical DVI signal and transmits it up to 500m(OM2) (1,640ft) over one (1) multi-mode fiber (50um) without any data compression or latency. To recover electrical DVI signal, one (1) fiber DVI receiver, DVFX-100-RX should be used at the display end.

Box Type Multi-Format Converter OPTICIS-OMVC-200

OPTICIS multi-format converter, OMVC-200 can accept various video signals such as DVI, VGA, Component video, S-video and Composite video as an input. It detects the first connected input signal and converts it to one (1) fiber DVI signal.

With powerful OPTICIS fiber-optic technology, OMVC-200 is capable of driving uncompressed WUXGA (1920x1200) @ 60Hz DVI signal up to 500 meters (1640 feet) over one (1) SC multi-mode fiber. To recover electrical DVI signal, DVFX-100-R is used as a receiver.

For better compatibility, it features patent pending Self-EDID management for DVI and VGA inputs, reading and restoring by just connecting OMVC-200 to the display.

S-Video/Composite video to DVI 1-Fiber Converter OPTICIS-SVDF-200

OPTICIS single-format converter, SVDF-200 can accept S-video / Composite video signal as an input and convert it to one (1) fiber DVI signal (any of two formats that connected to input port will be converted). With powerful OPTICIS fiber-optic technology, SVDF-200 is capable of driving uncompressed SXGA (1280x1024) @ 60Hz signal up to 500 meters (1640 feet) over one (1) SC multi-mode fiber. To recover electrical DVI signal, DVFX-100-R is used as a receiver.

Component video to 1-Fiber DVI converter OPTICIS-CNDF-200

OPTICIS single-format converter, CNDF-200 can accept Component video signal as an input and convert it to one (1) fiber DVI signal. With powerful OPTICIS fiber-optic technology, CNDF-200 is capable of driving uncompressed 1080p (1920x1080) @ 60Hz signal up to 500 meters (1640 feet) over one (1) SC multi-mode fiber To recover electrical DVI signal, DVFX-100-R is used as a receiver.

VGA to 1-Fiber DVI Converter OPTICIS-VGDF-200

OPTICIS single-format converter, VGDF-200 can accept VGA video signal as an input and convert it to one (1) fiber DVI signal.

With powerful OPTICIS fiber-optic technology, VGDF-200 is capable of driving uncompressed WUXGA (1920x1200)@ 60Hz DVI signal up to 500 meters (1640 feet) over one (1) SC multi-mode fiber. To recover electrical DVI signal, DVFX-100-R is used as a receiver.

For better compatibility, it features patent pending Self-EDID management that makes the installation of VGDF-200 more easy and flexile at any variable resolution display systems.

DVI to 1-Fiber DVI Converter OPTICIS-DVDF-200

OPTICIS single-format converter, DVDF-200 can accept DVI video signal as an input and convert it to one (1) fiber DVI signal.

With powerful OPTICIS fiber-optic technology, DVDF-200 is capable of driving uncompressed WUXGA (1920x1200) @ 60Hz DVI signal up to 500 meters (1640 feet) over one (1) SC multi-mode fiber. To recover electrical DVI signal, DVFX-100-R is used as a receiver.

For better compatibility, it features patent pending Self-EDID management that makes the installation of DVDF-200 more easy and flexile at any variable resolution display systems.

HDMI and DVI to 3G SDI Video Converter OPTICIS-HDMS-200

OPTICIS new mini converter, HDMS-200 converts all HDMI1.3 and DVI signals up to 1080p to the corresponding SD, HD and 3G-SDI formats complied with SMPTE standard with embedded audio or analog audio in application for broadcasting or a professional video producing.

SDI to HDMI Converter OPTICIS-SDIH-200

OPTICIS mini converter, SDIH-200 convert multi-rate SDs complied with SMPTE standard including SD, HD and 3G-SDI to corresponding HDMI1.3 formats up to 1080p with embedded audio in application for broadcast or a professional video production.

DISTRIBUTOR AND SWITCH

1 x 8 HDMI Distributor OPTICIS-OHD18

Opticis 1:8 HDMI Distributor OHD18 makes one (1) HDMI video source split into eight (8) displays simultaneously without any signal loss or digital noise. It guarantees to support full channels HDMI 1.3/HDCP1.1 compliant.

1 x 8 DVI Distributor OPTICIS-OVD18

Opticis OVD18 Distributor makes one (1) digital DVI video source split into eight (8) DVI displays, respectively without any signal loss or digital noise. Also, HDMI source and displays are compatible by using HDMI-DVI cable.

11 x 4 HDMI Distributor OPTICIS-OHD14

Opticis 1:4 HDMI Distributor OHD14 makes one (1) HDMI video source split into four (4) displays simultaneously without any signal loss or digital noise. It guarantees to support full channels HDMI 1.3/HDCP1.1 compliant.

1 x 4 DVI Distributor OPTICIS-OVD14

Opticis OVD14 Distributor makes one (1) DVI video source split into four (4) DVI displays, respectively without any signal loss or digital noise. Also, HDMI source and displays are compatible by using HDMI -DVI cable.

MUXLAB
DANTE

Dante Column Speaker PoE, 60W MUXLAB/500220

The Dante Column Speaker PoE, 60W (500220) is a speaker designed with advanced linear sound source technology, eachspeaker consists of 4 3-inch ferrite bass drivers with 25mm voice coils. It meets the design requirements of linear sound sources and has broad horizontal directivity and narrow vertical directivity, sending the sound to the target area accurately, avoiding reflection from the ceiling and ground while increases the proportion of direct and reverberation sound to greatly improve speech clarity.

The Dante Column Speaker PoE, 60W is mainly used in speech sound reinforcement system, works as the main loudspeaker in a multifunctional small conference room, or the supplementary loudspeaker in the medium-sized conference room. Could be used in small music sound reinforcement systems with subwoofer loudspeakers and can also be used with the latest Dolby surround sound systems as left or right surround, back surround, or ceiling surrounds sound box use.

It supports a variety of installation methods including a convenient Ushaped frame. The special U frame provides two modes: fixed angle and adjustable angle. In the adjustable mode, the adjustment up and down angle is 15 degrees. You can also use the universal NBT717M wall mount frame or a vertical and horizontal multi-angle frame to hoist the speakers.

HDMI/Dante over IP PoE Transmitter, UHD-4K MUXLAB/500759TXDANTE

The HDMI/Dante over IP PoE Transmitter, UHD-4K allows HDMI video equipment supporting up to 4K @ 30Hz (4:4:4) and 4K @ 60Hz (4:2:0), plus Dante audio equipment to be connected and extended to create an independently distributed audio and video network. 100's of Single Displays and Video Wall Displays of user configurable size (X by Y) may be supported, depending on network bandwidth. Audio can be independently distributed to 100's of Dante supported audio devices. Supports HDR at up to 4K @ 30Hz (4:2:2).

The unit can be connected via Cat5e/6 cable up to 330ft (100m) from an Ethernet Switch, and supports PoE (PD) when powered by a PoE (PSE) Ethernet Switch. An IR Emitter or IR Sensor, if required, may be purchased separately for IR based remote control applications.

The MuxLab Pro Digital Network Controller (500811) and MuxControl App are available to simplify configuration and management of this and other MuxLab AV over IP networked devices via Smartphone and Tablet.

Dante/Quad Channel Audio PoE Gateway MUXLAB/500765

The Dante/Quad Channel Audio PoE Gateway permits non-Dante compatible analog audio equipment to interface with Dante compatible professional audio equipment.

The unit allows Dual two-channel or Quad single-channel full range (20Hz to 20KHz) balanced analog audio signals to be transmitted over the network to Dante compatible professional audio equipment. Dual two-channel or Quad single-channel balanced analog audio signals may also be received from Dante compatible equipment in the same manner. The unit may be connected via Cat5e/6 cable up to 330ft (100m) from an Ethernet Switch.

The Dante/Quad Channel Audio PoE Gateway includes four single-channel balanced analog audio-in and four single-channel balanced analog audio-out ports, via phoenix connectors. The Quad single-channel balanced analog audio-in ports may be connected to line level balanced analog audio signals or to line level balanced microphones. The Quad single-channel balanced analog audio-out ports may be connected to balanced analog audio amplifiers supporting line level inputs, such as the MuxLab 500217 Audio Zone Amplifier 100W, or to two pairs of powered speakers for direct sound output.

AV OVER IP

HDMI over IP POE extender MUXLAB-500754

The HDMI over IP PoE Extender allows HDMI equipment to be connected to create a Video Wall of a user configurable size (X by Y) supporting 100's of screens, depending on network bandwidth, utilizing one receiver for each display in the array.

The transmitter unit is connected using a LAN switch (PoE or non-PoE), with maximum distances of 330ft (100m) of Cat5e/6 cable between equipment.

Set-up and configuration of the video wall function is carried out using the MuxLab ProDigital Network Controller (500811) – sold separately.

AUDIO / RS232 over IP POE Transceiver MUXLAB-500755

The AUDIO / RS232 over IP PoE Transceiver is an extender that allows 2CH audio signals to be extended up to 330ft (100m) via Cat5e/6 cable in a point-to-point configuration. Point-to-multipoint and multipoint-to-multipoint is supported by connecting several Transceivers to the same local Ethernet network. The device supports PoE (PD) if used with a PoE (PSE) Ethernet Switch, and RS232 and IR transmission (IR Emitters and Sensors sold separately). The Transceiver can be configured as a Transmitter or Receiver.

Extensor POE HDMI 4K over IP MUXLAB-500759

Finally get the 4K video wall display you have always wanted with this HDMI 4K over IP solution which allows HDMI equipment supporting up to 4K @ 30Hz or 1080p at 60Hz resolution to be connected and extended to create a video wall of user-configurable size (X by Y) supporting 100's of screens, depending on network bandwidth, utilizing one Receiver for each display in the array. Transmitter (500759-TX) and Receiver (500759-RX) can be connected via Cat5e/6 cable up to 330ft (100m) from an Ethernet Switch. The Transmitters and Receivers support PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch. The IR Emitter and IR Sensor, if required, may be purchased separately for IR based remote control applications. Look no further for video over IP solutions.

The MuxLab Pro Digital Network Controller (500811) is available to simplify configuration and control and allows for third-party smartphone and tablet management.

HDMI 4K/60 KVM over IP extender MUXLAB-500760-KVM

The HDMI 4K/60 KVM over IP Extender is based on SDVoE Technology and allows HDMI based servers/workstations supporting up to 4K @ 60Hz resolution to be connected and extended to one or more operators that can connect with and manage any of the servers/workstations in a KVM application. The operator may connect a remote monitor, keyboard & mouse and powered audio speakers to any of the servers/workstations being managed. This system also supports Smart Whiteboard applications via the HDMI and USB ports. 100's of servers/workstations may be managed, depending on network bandwidth, utilizing one Receiver for each operator and one Transmitter per server/workstation. Each Transmitter (500760-TX-KVM) and Receiver (500760-RX-KVM) can be connected via Cat5e/6 cable up to 330ft (100m) from a 10Gig Ethernet Switch. The HDMI 4K/60 KVM over IP Extender also supports Rs232 and 2-way IR for remote management of end devices.

Each unit comes with a 12VDC @ 3A power supply, with multi-blades for North America, UK, Europe and Australia, and also includes a wall mount bracket kit, and IR sensor & emitter for remote management of end devices.

The MuxLab Pro Digital Network Controller is available to simplify centralized configuration and control, software updates and allows for connectivity management from MuxControl and other third party applications running on smartphones and tablets.

AV OVER IP 4K/60 Uncompressed extender, UTP MUXLAB-500760

The AV over IP 4K/60 Uncompressed Extender, UTP allows HDMI source equipment supporting up to 4K @ 60Hz resolution to be connected and extended to create a 4K/60 HDMI based Video Wall, Virtual Matrix Switch, and Virtual Splitter arrangements of user configurable size (X by Y) supporting 100's of screens, depending on network bandwidth, utilizing one Receiver for each display in the array. Each Transmitter (500760-TX) and Receiver (500760-RX) can be connected via Cat5e/6 cable up to 330ft (100m) from a 10Gig Ethernet Switch.

The Transmitter and Receiver, each come with a power supply, an IR Emitter and IR Sensor for IR based remote control applications, a wall mount bracket kit for securing the unit to a wall and a 4-pin terminal block connector for RS232 connectivity.

The MuxLab Pro Digital Network Controller (500811) is available to simplify centralized configuration and control, software updates and allows for third party smartphone and tablet management.

AV OVER IP 4K/60 Uncompressed extender, fiber MUXLAB-500761

The AV over IP 4K/60 Uncompressed Extender, Fiber allows HDMI source equipment supporting up to 4K @ 60Hz resolution to be connected and extended to create a 4K/60 HDMI based Video Wall, Virtual Matrix Switch, and Virtual Splitter arrangements of user configurable size (X by Y) supporting 100's of screens, depending on network bandwidth, utilizing one Receiver for each display in the array. Each Transmitter (500761-TX) and Receiver (500761-RX) can be connected via OM3 multimode fiber cable with dual LC connectors up to 985ft (300m) from a 10Gig Ethernet Switch.

The Transmitter and Receiver, each come with a power supply, an IR Emitter and IR Sensor for IR based remote control applications, a wall mount bracket kit for securing the unit to a wall and a 4-pin terminal block connector for RS232 connectivity.

The MuxLab Pro Digital Network Controller (500811) is available to simplify centralized configuration and control, software updates, and allows for management from the MuxLab Control smartphone and tablet App, and third party control Apps.

HDMI over IP H.264/H.265 POE extender MUXLAB-500762

The HDMI over IP H.264/H.265 PoE Extender Transmitter and Receiver combination allows HDMI source and display equipment to be extended locally up to 330ft (100m) at up to 4K @ 60Hz resolution via Cat5e/6 cable in point-to-point, point-to-multipoint and multipoint-to-multipoint configurations via a local Ethernet network, and supports Video Wall and Multiview capabilities in a low bandwidth, flexible, expandable and cost effective manner, without the need to install dedicated cabling systems. The exceptionally low bandwidth requirements of this device combination allows for streaming audio/video content over a local network, over WiFi, and over the Internet for distributed installations spread-out throughout the globe. The transmitter accepts a 1080p @ 60Hz video and streams the content to the Receiver, where the signal is up-scaled up to 4K @ 60Hz to be displayed on a 4K monitor. The Receiver also accepts H.264/H.265 video streams from other transmitting devices of up to 4K @ 60Hz. These devices support PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch.

HDMI over IP H.264/H.265 POE transmitter, 4K/30 MUXLAB-500763

The HDMI over IP H.264/H.265 PoE Transmitter allows HDMI source equipment to be extended locally up to 330ft (100m) at up to 4K @ 30Hz resolution via Cat5e/6 cable and is compatible with the Muxlab 500762-RX Receiver to support point-to-point, point-to-multipoint and multipoint-to- multipoint configurations, Video Wall and Multiview capabilities in a low bandwidth, flexible, expandable and cost effective manner, without the need to install dedicated cabling systems. The exceptionally low bandwidth requirements of this device combination allows for streaming audio/video content over a local network, over WiFi, and over the Internet for distributed installations spread-out throughout the globe. The transmitter accepts a 4K video @ 30Hz and streams the content to an H.264/H.265 Receiver, such as the MuxLab 500762-RX, to be displayed on a 4K monitor. The Transmitter may also send H.264/H.265 video streams to other H.264/H.265 compatible Receiving devices. The device supports PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch.

HDMI over IP H.264/H.265 POE transmitter, 4K/60 MUXLAB-500764

The HDMI over IP H.264/H.265 PoE Transmitter, 4K/60 allows HDMI source equipment to be extended locally up to 330ft (100m) at up to 4K @ 60Hz resolution via Cat5e/6 cable and is compatible with the Muxlab 500762-RX Receiver to support point-to-point, point-to-multipoint and multipoint-to-multipoint configurations, Video Wall and Multiview capabilities in a low bandwidth expandable and cost effective manner, without the need to install dedicated cabling systems. The exceptionally low bandwidth requirements of this device in the H.264/H.265 video codec setting allows for streaming audio/video content over a local network, and over the Internet for distributed installations spread throughout the globe. The unit also supports a MotionJPG (MJPG) video codec setting for low latency applications. The transmitter accepts a 4K video @ 60Hz and streams the content to an H.264/H.265 Receiver, such as the MuxLab 500762-RX, to be displayed on a 4K monitor. The Transmitter may also send H.264/H.265 video streams to other H.264/H.265 compatible Receiving devices. The device supports PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch.

HDMI over IP uncompressed extender, 4K/60 MUXLAB-500768

The HDMI over IP Uncompressed Extender, 4K/60 allows HDMI source equipment supporting up to 4K (3840×2160) resolution @ 60Hz to be connected via Cat5e/6 cable up to 330ft (100m) from a 10G Ethernet Switch, in point-to-point, point-to-multipoint and multipoint-to-multipoint configurations.

The Transmitter and Receiver, also each support a 1G Ethernet Switch port to connect additional network devices, plus a directional IR port and RS232 port for remote control of end devices.

The MuxLab Pro Digital Network Controller (500811) is available to simplify centralized configuration and control, software updates, and allows for management from the MuxLab Control smartphone and tablet App, and third party control Apps.

KVM HDMI over IP POE MUXLAB-500770

The USB KVM Extender over IP PoE allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supporting 1920×1200 and 1080p resolution @ 60Hz via Cat5e/6 cable in multiple point-to-point and point-to-multipoint configurations. The Transmitter (500770-TX) and Receiver (500770-RX) support PoE (PD) if used with a PoE (PSE) Ethernet Switch.

The Transmitter terminates to a computer server/workstation via an HDMI & USB port, The Receiver terminates to an HDMI display and up to 4 USB devices such as a keyboard, mouse, printer, drawing pad, storage device, camera, etc., via a 4 port USB hub. A single Receiver can be switched via hotkey sequences to any Transmitter on the network, allowing a single operator to manage numerous servers/workstations, in a distributed KVM application.

KVM DVI over IP POE MUXLAB-500771

The KVM DVI over IP PoE allows DVI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supporting 1920×1200 and 1080p resolution @ 60Hz via Cat5e/6 cable in multiple point-to-point and point-to-multipoint configurations. The Transmitter (500771-TX) and Receiver (500771-RX) support PoE (PD) if used with a PoE (PSE) Ethernet Switch.

The Transmitter terminates to a computer server/workstation via a DVI & USB port, The Receiver terminates to a DVI display and up to 4 USB devices such as a keyboard, mouse, printer, drawing pad, storage device, camera, etc., via a 4 port USB hub. A single Receiver can be switched via hotkey sequences to any Transmitter on the network, allowing a single operator to manage numerous servers/workstations, in a distributed KVM application.

KVM HDMI over IP POE extender, UHD-4K MUXLAB-500772

The KVM HDMI over IP PoE Extender, UHD-4K allows HDMI & USB equipment to be connected up to 330ft (100m) over an Ethernet LAN, supports HDMI up to 4K @ 30Hz (4:4:4) and 4K @ 60Hz (4:2:0) via Cat5e/6 cable in multiple point-to-point and point-to-multipoint configurations. The Transmitter (500772-TX) and Receiver (500772-RX) support PoE (PD) if used with a PoE (PSE) Ethernet Switch.
The Transmitter terminates to a computer server/workstation via an HDMI & USB port, The Receiver terminates to an HDMI display and up to 4 USB devices such as a keyboard, mouse, printer, drawing pad, storage device, camera, etc., via a 4 port USB hub. A single Receiver can be switched via hotkey sequences to any Transmitter on the network, allowing a single operator to manage numerous servers/workstations, in a distributed KVM application.

HDMI/VGA over IP POE wall plate transmitter, UHD-4K MUXLAB-500773

The HDMI/VGA over IP PoE Wall Plate Transmitter, UHD-4K is a two-gang wall plate transmitter which provides a convenient interface for HDMI and VGA input sources. It allows HDMI and VGA equipment to be extended up to 330ft (100m) from an Ethernet Switch via one (1) Cat5e/6 cable. The unit supports one (1) HDMI-In, one (1) VGA-In and one 2CH Audio-In, and supports resolutions up to 4K (3840×2160) @ 30Hz for HDMI and 1920×1200 @ 60Hz for VGA. The input selection between HDMI and VGA inputs may be locally or remotely selected, and supports auto and manual switching modes with LED indicators. This device may be used with the MuxLab 500758-RX and 500759-RX over IP Receivers, all managed via the 500811 Network Controller. The device supports PoE (PD) for easy installation.

HDMI 4K/ST2110 over IP uncompressed gateway converter
MUXLAB-500774

The HDMI 4K/ST2110 over IP Uncompressed Gateway Converter allows lower cost HDMI 4K equipment to utilized in a broadcast environment and extended up to 1300ft (400m) via duplex multimode OM4 fiber with LC connectors, at up to 4K resolution, in a point-to-point configuration. Point-to-multipoint and multipoint-to-multipoint configurations are also possible by connecting several units to a 10G Ethernet network. The unit provides a 1G Ethernet control port to manage using the web interface, NMOS and RestAPI", and an RS232 port for remote control of end devices.

The HDMI 4K/ST2110 over IP Uncompressed Gateway Converter supports SMPTE ST-2110 and a Rest API for third party management.

HDMI/VGA/USB over IP POE wall plate transmitter, UHD-4K MUXLAB-500777

The HDMI/VGA/USB over IP PoE Wall Plate Transmitter allows HDMI, VGA and USB equipment to be connected up to 330ft (100m), with video supported at up to 4K (3840×2160) resolution @ 30Hz via one (1) Cat5e/6 unshielded twisted pair cable in a point-to-point configuration. The USB port may be used for extending various USB devices including Smart Boards. Point-to-multipoint and multipoint-to-multipoint configurations are also possible by connecting several Transmitters and Receivers to the same local Ethernet IP network via an Ethernet Switch. The HDMI/VGA/USB over IP PoE Wall Plate Transmitter also supports PoE (PD) if used with a PoE (PSE) Ethernet Switch. Additional Transmitters may be purchased separately depending on the intended application and number of units required.

DOMOSTREAM MUXLAB-500778

DomoStream allows HDMI equipment to be extended up to 330ft (100m) at video resolutions up to 4K (3840×2160) @ 30Hz via one (1) Cat5e/6 cable in point-to-point, point-to-multipoint and multipoint-to-multipoint configurations, by connecting several units to the same local 1Gbps Ethernet network. DomoStream supports HDR10, enhancing picture quality and detail particularly in darker or dimly lit scenes. The unit supports the pass-through transmission of the latest audio formats up to 8 CH LPCM, Dolby Atmos and DTS:X, offering the listener an exceptional and enveloping sound experience. In addition the unit supports 2 CH audio insert on the TX and audio extract on the RX. It supports CEC, RS232 and directional IR for control of end devices. DomoStreamis a PoE (PD) device and may be powered by a PoE (PSE) Ethernet Switch.

Prodigital network controlled MUXLAB-500811

The MuxLab ProDigital Network Controller is a Linux-based PC that allows users to control hub-installed MuxLab products via an Ethernet Web interface.

When installed on a local area network (LAN), the MuxLab Network Controller will scan the LAN for connected MuxLab products allowing the user to configure and control these products through an Ethernet Web interface.

Prodigital network controller MUXLAB-500812

The MuxLab ProDigital Network Controller is a Linux-based PC that allows users to control hub-installed MuxLab products via an Ethernet Web interface.

When installed on a local area network (LAN), the MuxLab Network Controller will scan the LAN for connected MuxLab AV over IP products allowing the user to auto-discover, configure and control the connectivity of these products through an Ethernet Web interface. The Controller may also be managed by MuxLab's MuxControl App and the 500816-IP 8 Button IP PoE Control Panel. The unit may also be used to manage firmware upgrades of connected MuxLab devices.

AMPLIFIERS

Audio zone amplifier MUXLAB-500216

The MuxLab Audio Zone Amplifier is a Class D digital amplifier that allows one (1) analog source to be distributed to a pair of 20W per channel stereo speakers within a zone. The Audio Zone Amplifier can be cascaded infinitely across multiple zones to give a multi-room audio solution.

The Audio Zone Amplifier features two (2) stereo analog audio input lines, microphone input with 48V phantom supply, and two (2) 20W, 4-ohm speaker outputs or one (1) 40W, 8-ohm speaker output.

Volume and source control via the front push buttons, or via IR using the optional IR Sensor & Handheld Remote Control Kit (500216-IR).

Audio zone amplifier 100W MUXLAB-500217

The MuxLab Digita Audio Zone Amplifier 100W is a Class D amplifier which allows analog or digital sources to feed a pair of 50W per channel speakers. When set in Bridge mode and paired with the MuxLab 70V Transformer unit (500755-70V), the system is compatible with distributed 70V speaker systems over longer distances and supporting daisy chain configurations. The device may be controlled locally via pushbuttons and a knob, and remotely via RS232, IR and an IP webserver interface.

The Audio Zone Amplifier features two analog 2CH audio inputs (RCA & 3.5mm) & one (1) PCM digital optical input (TosLink), along with two 50W 8Ω speaker outputs or one 100W 4Ω speaker output (terminal block).

BALUNS

Analog audio balun amplifier MUXLAB-500219

The MuxLab Analog Audio Balun Amplifier allows one (1) analog audio source using one of the MuxLab Hi-Fi Audio Baluns to feed a compact 30W per channel stereo Class D Amplifier using a single Cat5e/6 cable to distances of up to 3,250ft / 1km.

With a simple OSD showing graphical input level (left & right) and volume level. Push and turn button on front of unit for power on/off and volume.

Compatible with MuxLab transmitter baluns: 500028, 500028-WP-US, 500028-WP-UK, or 500028-F; or the MuxLab 8×8 Line Level Audio Matrix Switch (500210).

CONVERTERS

Digital audio converter (DAC) MUXLAB-500080

The MuxLab Digital Audio Converter (500080), converts one LPCM-encoded Digital Coax (S/PDIF) or Digital Optical (TOSlink) audio signal to a standard left/right analog audio output (RCA).

This allows a digital audio source such as a BluRay, games console or CD player without a stereo audio output to be connected to an amplifier or TV.

Digital audio converter, DOLBY® Digital MUXLAB-500081

The MuxLab Digital Audio Converter (500081) has been designed to decode and downmix Dolby® Digital* audio signal transmissions to 2ch analog stereo.

Input from either a Digital Coax (S/PDIF) or Digital Optical (TOSlink) source such as a Smart TV, BluRay player or satellite receiver to convert the digital signal to a 2 channel analog output.

Digital audio standards converter MUXLAB-500087

The MuxLab Digital Audio Converter (500087) is a versatile digital audio standards converter*.

The product allows one (1) Digital Coax (S/PDIF), or Digital Optical (TOSLINK) source to be connected to a Digital Audio Receiver supporting either Digital Coax (S/PDIF), or Digital Optical (TOSLINK) inputs.

The converter supports most standards to transmit two channels of uncompressed lossless PCM audio or compressed 5.1/7.1 surround sound, such as Dolby® Digital Plus or DTS-HD High Resolution Audio (multichannel digital audio Dolby Digital® 5.1, DTS, and Dolby® True HD).

Digital audio converter, DOLBY & DTS MUXLAB-500088

The MuxLab Digital Audio Converter (500088) has been designed to decode and downmix Dolby® Digital and DTS audio signal transmissions to 2ch analog stereo.

Input from either a Digital Coax (S/PDIF) or Digital Optical (TOSlink) source such as a Smart TV, BluRay player, or satellite receiver to convert the digital signal to a 2 channel analog output.

VGA to HDMI converter with scaler MUXLAB-500149

The VGA to HDMI Converter with Scaler is designed to scale analog video from PC input source to digital HDMI output of wide-range HD and PC resolutions up to 1080p or WUXGA. Besides video scaling, the VGA to HDMI Converter can convert analog stereo audio input to digital format and embed it to HDMI output as 2-Channel LPCM. This unit has a comprehensive resolution button that allows the user to select a variety of output resolutions and adjust for best picture quality.

HDMI to VGA converter MUXLAB-500466

The MuxLab HDMI to VGA Converter allows a single HDMI channel to be converted to analog VGA/RGB.

The converter allows non-HDCP compliant HDMI sources to be used with legacy VGA/RGB equipment thereby helping to maximize investment in existing VGA hardware.

Displayport HDMI active adapter MUXLAB-500501

The DisplayPort to HDMI Active Adapter (500501) allows a DisplayPort source such as a PC or Laptop to be connected to an existing HDMI display or projector. The unit does not require external power to operate and comes with a lifetime warranty.

Displayport to HDMI active adapter, 4K/60 MUXLAB-500501-4K60

The DisplayPort to HDMI Active Adapter, 4K/60 (500501-4K60) allows a DisplayPort source such as a PC or Laptop to be connected to an existing HDMI display or projector at up to 4K @ 60Hz.

3G-SDI to HDMI extender kit & Longreach 3G-SDI to HDMI extender kit MUXLAB-500715 / MUXLAB-500716

The MuxLab 3G-SDI to HDMI Extender Kit converts 3G-SDI to HDMI and then transmits it up to 330 ft / 100m via single Cat5e/6 cable at all resolutions in a point-to-point configuration. The 3G-SDI to HDMI Extender Kit supports transmission of up to 2.97/3.0 Gbps uncompressed, un-encrypted digital video (optionally including embedded Audio and/or Time Code) within television facilities and between professional video equipment.

The LongReach 3G-SDI to HDMI Extender Kit (500716) converts 3G-SDI to HDMI and then transmits it up to 500ft / 150m via single Cat5e/6 cable at all resolutions in a point-to-point configuration (500716).

3G-SDI to HDMI converter MUXLAB-500717

The 3G-SDI to HDMI Converter (500717) allows SDI equipment to be connected to an HDMI Display. The 3G-SDI to HDMI Converter converts the SDI signal back to HDMI, supporting resolutions of 480i (SD-SDI), 720p/1080i (HD-SDI) and 1080p (3G-SDI). The 3G-SDI to HDMI Converter provides a low jitter and re-clocked outputs allowing for unit daisy chain.

70V Audio converter MUXLAB-500755-70V

The MuxLab 70V Audio Converter may be paired with the 500755-AMP-RX and 500217 amplifiers to support 70V speaker systems at the amplifier output.

The 70V Audio Converter is a passive device and can be easily mounted anywhere near the amplifier that it is to be connected with. It adapts a standard 4 ohm amplifier output that has been configured in bridge mode (mono) to a 70V speaker system. 70V speaker systems allow multiple speakers to be chained together over much longer distances than traditional 4 ohm speakers can accommodate.

HUBS

CATV Distribution HUB MUXLAB-500300/500301/500303/500304

The MuxLab CATV Hub allows a terrestrial broadband RF video signal to be distributed to multiple RF receivers via Cat5 unshielded twisted pair cable. The CATV Hub is available in two (2) configurations; Eight (8) ports: 500300/500301 and sixteen (16) ports: 500303/500304.

The CATV Hub works in conjunction with MuxLab's passive CATV Balun (500302), or Shielded CATV Balun (500306) and other RF video equipment for a more complete cabling solution. The CATV Hub has a 900 MHz bandwidth and supports broadband video, broadband Internet and Digital Cable.

The product features built-in gain amplification and port buffering and may be used in conjunction with standard RF distribution equipment for larger installations. Applications include; residential, apartment, condominiums, hotels, offices, schools, hospitals, trading floors.

500300 – 8 port (US)

500301 – 8 port (EU and UK)

500303 – 16 port (US)

500304 – 16 port (EU and UK)

DIGITAL SIGNAGE

4K Digital signale player plus MUXLAB-500789

The 4K Digital Signage Player Plus (model 500789) is capable of receiving multiple H.264/H.265 AV content simultaneously up to 4K/60 (4:4:4) from a local network, the Internet, internal memory, and supports multiview capability (including dual 4K windows, or multiple 1080p windows) and scheduling to automatically deliver this customized windowed AV content based on a yearly schedule. Multiple video, audio and image file formats are supported. The unit delivers 4K@60Hz (4:4:4) content to a display or to an AV over IP system to support signal distribution to multiple displays and video wall arrangements.

The exceptionally low bandwidth requirements of this device allows it to accept streaming audio/video content over a local network, and over the Internet for distributed installations spread-out throughout the globe. The unit may be extended up to 100m from the Ethernet switch over CAT5/6 cable.
The 4K Digital Signage Player Plus is managed by DigiSign Plus CMS (Content Management System) Software running on PC, which supports video, audio and image content as well as HTML5, RSS feeds and Widgets. DigiSign Plus will also organize and schedule yearly AV content to run autonomously.

DISPLAYS

HDMI/3G-SDI Triple display MUXLAB-500840

The HDMI/3G-SDI Triple Display supports three independent 5 inch TFT LCD displays mounted conveniently and securely on a 2RU 19” rack. These devices save a significant amount of space in multi-display Pro AV and Broadcast applications.

The unit supports input and loop-out of HDMI signals up to 1080p/60, SDI signals up to 3G-SDI, and CVBS signals with Audio. The unit supports a tri-color Tally light indicator per display, customizable buttons allowing customers to tailor them to their needs, and advanced functions such as Center Marker, Safe Frames, Check Field, Focus Assist, Aspect Ratio, Image Flip, P2P, and Image Freeze.

HDMI/3G-SDI Dual display MUXLAB-500841

The HDMI/3G-SDI Dual Display supports two independent 7 inch IPS LCD displays mounted conveniently and securely on a 3 RU 19” rack. These devices save a significant amount of space in multi-display Pro AV and Broadcast applications.

The unit supports input and loop-out of HDMI signals up to 1080p/60, SDI signals up to 3G-SDI, and CVBS signals with Audio. The unit supports a tri-color Tally light indicator per display, customizable buttons allowing customers to tailor them to their needs, and advanced functions such as Center Marker, Safe Frames, Check Field, Focus Assist, Aspect Ratio, Image Flip, P2P, and Image Freeze.

EXTENDERS

USB 2.0 4-Port extender kit MUXLAB-500072

The USB 2.0 4-Port Extender Kit enables USB 2.0 connectivity over Cat5e/6 at data rates up to 480Mbps & extends true USB up to 100m (328ft) over standard Cat5 UTP.
This USB 2.0 4-Port Extender Kit is true plug and play, requires no additional software drivers, and is compatible with all major operating systems.
The unit supports a wide variety of USB extension applications including security, industrial control, digital signage, scientific data acquisition and other implementations of USB standards.

Digital audio extender MUXLAB-500086

The MuxLab Digital Audio Extender Kit (500086) is a versatile digital audio standards extender and converter*.

The product allows one (1) Digital Coax (S/PDIF), or Digital Optical (TOSLINK) source to be connected to a Digital Audio Receiver supporting either Digital Coax (S/PDIF), or Digital Optical (TOSLINK) inputs. Outputs on the 500086 receiver unit are simultaneous.

The audio transmission signal can be distributed to up to a distance of 500 ft / 150m in a point-to-point configuration over single Cat5e/6.

The extender supports most standards to transmit two channels of uncompressed lossless PCM audio or compressed 5.1/7.1 surround sound, such as Dolby® Digital Plus or DTS-HD High Resolution Audio (multichannel digital audio Dolby Digital® 5.1, DTS, and Dolby® True HD).

DVI / USB2.0 HDBASET extender kit MUXLAB-500391

The USB KVM extender Kit allows one DVI channel and one USB 2.0 channel to be transmitted over distances of up to 330ft (100m) at all resolutions up to 1920×1200 via single Cat5e/6 cable, 4K (3840×2160) to 230ft (70m).

The USB KVM extender Receiver features a 4-port USB 2.0 hub for transferring of multiple USB 2.0 data transmissions.

HDMI 2.0 Extender kit MUXLAB-500409

The HDMI 2.0 Extender Kit allows HDMI equipment supporting uncompressed video up to 4K/60 (4:4:4) resolutions to be connected over Cat6a/7 unshielded twisted pair cable in a point-to-point configuration at distances up to 30m at 4K/60, 40m at 4K/30 and 45m at 1080p. The unit supports HDCP 2.2, and audio pass-through up to Dolby Atmos & DTS:X. The HDMI 2.0 Extender Kit supports a 1-way IR port (carrier wave) for remote control of end devices. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter and IR Sensor for remote control application.

HDMI to HDMI with audio extraction, 4K/60 MUXLAB-500436

The HDMI to HDMI with Audio Extraction, 4K/60 allows one (1) HDMI source to be distributed to one (1) HDMI display. The device supports up to 4K (3840 x 2160) video resolution at 60Hz, 8-bit color and HD audio.
The unit extracts LPCM, Dolby Digital, DTS, Dolby Digital Plus* and Atmos** digital audio from the S/PDIF TosLink port and 2CH analog audio from the 3.5mm 2CH audio port. The product is HDCP 2.2 compliant and features LED diagnostics.

HDMI audio extractor with Dolby & DTS Downmixer MUXLAB-500439

The HDMI Audio Extractor with Dolby & DTS Downmixer unit extracts digital audio from a video source up to HDMI 2.0 and down-mixes Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS, DTS-HD Master Audio or LPCM up to 7.1 channels to 2CH analog audio via RCA L/R jacks. In addition, the unit allows the HDMI source up to 4K resolution at 60Hz (4:4:4) to be looped out and extended to a local display.

HDMI Extender kit plus, HDBT, UHD-4K MUXLAB-500450

This HDMI extender 4K allows HDMI equipment to be connected up to 330 ft (100m) at all resolutions up to 4K via one (1) Cat 5e/6 unshielded twisted pair cables in a point-to-point configuration. The HDMI extender 4K comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter (500998) and IR Sensor (500999) for remote control applications.

HDMI extender kit long-reach MUXLAB-500450-LR

The HDMI Extender Kit Long-Reach allows HDMI equipment to be connected up to 500ft (150m) @ 1080p 8-Bit via one (1) Cat 5e/6 unshielded twisted pair cables in a point-to-point configuration. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter (500998) and IR Sensor (500999) for remote control applications.

HDMI extender kit, HDBT, UHD-4K MUXLAB-500451

This HDMI extender 4K allows HDMI equipment to be connected up to 131ft (40m) at 4K/30 (4:4:4) or 4K/60 (4:2:0) resolutions, or 230 ft (70 m) at resolutions up to 1080p via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. This HDMI extender 4K kit comes with one (1) transmitter, one (1) receiver, one (1) IR Emitter, and one (1) IR sensor.

HDMI extender kit, HDBASET LITE, UHD-4K, POE MUXLAB-500451-PoE

This HDMI extender 4K allows HDMI equipment to be connected up to 131ft (40m) at 4K/30 (4:4:4) or 4K/60 (4:2:0) resolutions, or 230 ft (70 m) at resolutions up to 1080p via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. This HDMI extender 4K kit comes with one (1) transmitter, one (1) receiver, one (1) IR Emitter, and one (1) IR sensor.

HDMI Wall-plate extender kit, HDBT, UHD-4K, DECORA, MUXLAB-500451-WP

The HDMI Wall-Plate Extender Kit, HDBT, UHD-4K, Decora allows HDMI equipment to be connected up to 230 ft (70m) @ 1080P via one (1) Cat5e/6 unshielded twisted pair cables in a point-to-point configuration. The kit comes with one (1) Transmitter and one (1) Receiver.

HDMI/USB-C KVM extender kit HDBT, 4K/60 MUXLAB-500452

The MuxLab HDMI/USB-C KVM Extender Kit HDBT, 4K/60 (500452) allows one HDMI channel and one USB2.0 channel to be transmitted over distances of up to 131ft (40m) at 4K@60Hz (4:4:4) resolution, or 230ft (70m) at resolutions up to 1080p via one (1) Cat 6/6a/7 unshielded twisted pair cable in a point-to-point configuration.

The MuxLab HDMI/USB-C KVM Extender Kit HDBT, 4K/60 includes one (1) transmitter and one (1) receiver. The transmitter is a wall plate HDBT 2×1 switcher with HDMI and USB-C input. It features a US one-gang enclosure for Decora-style wall plate openings. The USB-C input provides an ideal AV interface for connecting with new Apple notebooks and Windows® PCs as well as smartphones and tablets. The Transmitter is remotely powered by the Receiver via PoC. The Receiver features a 1×2 USB2.0 hub for transferring USB2.0 data transmissions and has analog audio output.

HDMI/RS232 RX, POE, HDBT, UHD-4K MUXLAB-500454-PoE

This HDMI receiver 4K allows HDMI equipment to be connected up to 131ft (40m) at 4K/30 (4:4:4) or 4K/60 (4:2:0) resolutions, or 230 ft (70 m) at resolutions up to 1080p via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. For ease of cabling the extender kit features PoE (PD), including PoC, on both the transmitter and receiver. The HDMI extender 4K supports RS232 and bidirectional IR for end devices remote control.

HDMI 4-PLAY extender kit MUXLAB-500456

The HDMI 4-Play Extender Kit allows HDMI equipment to be connected up to 330 ft (100 m) @ 1080p Deep Color via one Cat 5e/6 unshielded twisted pair cables in a point-to-point configuration. The product also features one LAN port for interconnecting Ethernet equipment and a RS-232 port for control via the same Cat5e/6 cable. The kit comes with one Transmitter and one Receiver as well as an IR Emitter and IR Sensor for remote control applications.

HDMI / USB 2.0 extender kit, HDBT, 4K60 MUXLAB-500457

This HDMI extender 4K with USB allows one HDMI 1.4 and one USB 2.0 channel to be transmitted up to 330ft (100m) at all resolutions up to 1920×1200 @ 60Hz via one (1) Cat 5e/6 cable in a point-to-point configuration. The receiving side includes a 4-port USB 2.0 hub, supporting KVM applications. Bi-directional IR transmission is supported.

HDMI/RS232 extender kit with ARC, HDBT, UHD-4K MUXLAB-500458-ARC

The HDMI/RS232 Extender Kit with ARC, HDBT, UHD-4K (500458-ARC) allows HDMI equipment to be connected up to 131ft (40m) at 4K/30 (4:4:4) and 4K/60 (4:2:0) resolution, or 230ft (70m) at resolutions up to 1080p via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. The kit supports Audio Return Channel (ARC), allowing the Receiver to return audio from a sink device such as a smart TV back to the Transmitter and on to an audio system. The originating ARC signal may be received via the HDMI or TosLink-in port of the 500458-ARC-RX and transmitted via the TosLink-out port of the 500458-ARC-TX. The unit is HDCP 2.2 compliant and supports RS232 and bidirectional IR pass through transmission for end device remote control. The kit includes one (1) transmitter, one (1) receiver, one (1) IR Emitter, one (1) IR sensor, and two (2) power supplies.

HDMI/RS232 extender kit, HDBT, 4K/60 MUXLAB-500459

The HDMI/RS232 Extender Kit, HDBT, 4K/60 allows HDMI equipment to be connected up to 131ft (40m) at 4K/60 (4:4:4) resolution, or 230ft (70m) at resolutions up to 1080p via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. The unit is HDCP 2.2 compliant and supports HDR, as well as RS232 and bidirectional IR pass through transmission for end device remote control. This HDMI extender 4K 60 supports PoC, allowing the transmitter to power the receiver, or the receiver to power the transmitter. The kit includes one (1) transmitter, one (1) receiver, one (1) IR Emitter, one (1) IR sensor and one (1) power supply.

HDMI/RS232 100M extender kit, HDBT, 4K/60 MUXLAB-500459-100

The HDMI/RS232 100m Extender Kit, HDBT, 4K/60 allows HDMI equipment to be connected up to 230ft (70m) at 4K/60 (4:4:4) resolution, or 330ft (100m) at resolutions up to 1080p via one (1) Cat 5e/6 unshielded twisted pair cable in a point-to-point configuration. The unit is HDCP 2.2 compliant and supports HDR, as well as RS232 and bidirectional IR pass through transmission for end device remote control. This HDMI extender 4K supports PoC, allowing the transmitter to power the receiver, or the receiver to power the transmitter. The HDMI extender 4K kit includes one (1) transmitter, one (1) receiver, one (1) IR Emitter, one (1) IR sensor and one (1) power supply.

HDMI 4K fiber extender kit MUXLAB-500460

The Fiber HDMI extender 4K allows HDMI equipment to be connected up to 1,000 ft (305m) via one (1) multimode fiber strand in a point-to-point configuration depending on resolution. The HDMI extender 4K kit comes with one (1) transmitter, one (1) receiver, IR Sensor (500998), IR Emitter (500999) and two (2) power supplies.

Mini HDMI fiber 4K extender kitMUXLAB-500461

The Mini HDMI Fiber 4K Extender Kit allows an HDMI source, such as a BluRay, to be extended to a monitor or projector via dual fiber connection.

HDMI optical isolator kit MUXLAB-500462

The HDMI Optical Isolator (500462) allows HDMI equipment to be completely isolated and connected up to 984ft (300m), while allowing a unidirectional communication (with no return signaling) via one (1) LC 50/125 Î¼m OM3 multimode fiber cable in a point-to-point configuration at 1080p resolution.

The HDMI Optical Isolator establishes a high separation between the source computer and the display devices preventing any potential leakage between the source and the peripheral equipment; removing the vulnerability of shared display equipment to cyber-attacks.

The kit comes with one (1) Transmitter, one (1) Receiver and two (2) power supply.

DVI Fiber optic extender kit MUXLAB-500463

Extend DVI over one fiber optic cable up to 3,280 feet (1km).

The MuxLab DVI Fiber Optic Extender Kit lengthens your DVI display from your video source using a single strand of fiber optic cable.

Automatic EDID programming enables simple synchronization of the video source to the display.

HDMI 2.0 fiber extender kit (V. 2) MUXLAB-500464 (V2)

The HDMI 2.0 Fiber Extender Kit, 500464-V2 enables the user to transmit 4K (4096×2160) video at 60Hz signal up to 3300ft (1000m) via OM4 multi-mode fiber, with any form of scaling or data compression being applied to the signal. This device supports a total data throughput of 18Gbps (6Gbps per lane). The unit supports HDR10+, Dolby Vision and HLG, as well as CEC, ARC, EDID and HDCP 1.4 & 2.2.
The unit supports one (1) SC connector for the link connection. Power to the Transmitter module may be provided by the video source, if the source can supply sufficient current, otherwise a USB Power source is provided.

HDMI over coax. extender kit MUXLAB-500465

The HDMI Over Coax Extender Kit allows an HDMI source to be connected to an HDMI receiver up to 250 ft (76 m) at 1080p resolution via one (1) coax cable in a point-to-point configuration. Furthermore, the product may be cascaded via the HDMI-over-Coax Receiver (500465-RX) in order to support multi-display applications.

DISPLAYPORT 1.2 A Fiber extender kit MUXLAB-500502

The DisplayPort 1.2a Fiber Extender Kit enables the user to transmit WQUXGA (3840×22400) video at 60Hz signal up to 660ft (200m), with any form of scaling or data compression being applied to the signal. This device support a total data throughput of 21.6Gbps (5.4Gbps per lane).

3G-SDI extender kit & Longgreach 3G-SDI extender kit
MUXLAB-500700/500702

The MuxLab 3G-SDI Extender Kit allows 3G-SDI signals to be transmitted up to 330ft / 100m via single Cat5e/6 cable in a point-to-point configuration. The 3G-SDI Extender Kit supports transmission of up to 2.97/3.0 Gbps uncompressed, un-encrypted digital video (optionally including up to 32 channels of embedded Audio and/or embedded Time Code) within television facilities and between professional video equipment.

The LongReach 3G-SDI Extender Kit (model 500702) features extended distance transmissions up to 500ft / 150m, LED diagnostics for sync, signal detect and supports transmission of up to 2.97/3.0 Gbps uncompressed, un-encrypted digital video within television facilities and between professional video equipment.

6G-SDI fiber extender kit MUXLAB-500712

The 6G-SDI Fiber Extender Kit allows 6G-SDI to be transmitted up to 60,000ft (20km) via a one singlemode fiber cable in a point-to-point configuration at all specified bit rates.

The 6G-SDI Fiber Extender Kit supports transmission of up to 6.0Gbps of digital video within television broadcasting facilities and between professional video equipment.

12G-SDI fiber extender kit MUXLAB-500713

The 12G-SDI Fiber Extender Kit allows 12G-SDI to be transmitted up to 33,000ft (10km) via a one singlemode fiber cable in a point-to-point configuration at all specified bit rates.

The 12G-SDI Fiber Extender Kit supports transmission of up to 12 Gbpsof digital video within television broadcasting facilities and between professional video equipment.

6G-SDI extender over over UTP MUXLAB-500730

The 6G-SDI Extender is a unique solution from Muxlab for extending SDI based cameras or other SDI sources up to 4K resolution with the added benefit of extending the Hi Resolution signal up to 330ft (100m).

Standard Cat5e/6 UTP cable is used for the extension. The 6G-SDI Extender supports PoE, whereby the Transmitter may be powered by the Receiver. The product allows for versatile combinations of sources, including one 6G-SDI source, two 3G-SDI sources or four HD-SDI sources.

6G-SDI extender over fiber optic MUXLAB-500732

The 6G-SDI Extender over Fiber Optic is a unique solution from MuxLab for extending SDI cameras or other SDI sources in up to 4K resolutions to a distance of up to 985ft (300m) using OM3 fiber (model 500732), up to 1300ft (400m) using OM4 fiber (model 500732), up to 33,000ft (10km) using single mode fiber (model 500732-SM10), up to 132,000ft (40km) using single mode fiber (model 500732-SM40), and up to 264,000ft (80km) using single mode fiber (model 500732-SM80). This product allows for versatile combinations of sources, such as one 6G SDI source, two 3G-SDI sources, or four HD-SDI sources.

6G-SDI Extender over UTP with ethernet MUXLAB-500733

The 6G-SDI Extender over UTP is a unique solution from MuxLab for extending SDI cameras or other SDI sources up to 4K resolution at up to 330ft (100m) using UTP cable. This multichannel extender supports up to 6Gbps of data throughput and allows for versatile combinations of sources, including one 6G-SDI source, two 3G-SDI sources or four HD-SDI sources, plus transmission of two Ethernet signals which may be used as return channels, and a bi-directional RS232 pass-through. The Ethernet port of the 500733 can be used for AV monitoring and talk-back, while the RS232 pass-through supports return of tally light, camera control unit (CCU) and control of end devices.

The 6G-SDI Extender supports PoE, whereby the Transmitter may be powered by the Receiver. In addition Ethernet port1 also provides PoE power (PSE) in order to power an attached PoE (PD) device, such as a MuxLab Over IP PoE Transmitter or Receiver.

6G-SDI Extender over fiberoptic with return channel MUXLAB-500734

The 6G-SDI Extender over Fiber Optic with Return Channel is a unique solution from MuxLab for extending SDI cameras or other SDI sources in up to 4K resolutions to a distance of up to 400m (1300ft) using OM4 multi-mode fiber (model 500734), 10km (33,000ft) using single-mode fiber (model 500734-SM10), 40km (132,000ft) using single-mode fiber (model 500734-SM40), and 80km (264,000ft) using single-mode fiber (model 500734-SM80).

The product supports multichannel transmission, and can simultaneously transmit up to 9Gbps of data throughput over the fiber link, and allows for versatile combinations of sources, including 6G-SDI, 3G-SDI and HD-SDI. The unit supports simultaneous transmission of mixed signals such as one 6G-SDI signal + one 3G-SDI, or two 3G-SDI signals + two HD-SDI signals, and many other combinations up to 9Gbps. The device supports one input and one output SDI port, plus three directional SDI ports that can be individually configured as input or output. This flexibility allows for up to four source ports and one return channel, or up to one source port and four return channels, or anything in between. The SDI return channel may be used for AV monitoring and talk-back, while the RS232 pass-through supports return of tally light, camera control unit (CCU) and control of end devices.

HDMI/VGA/USB over IP POE wall plate transmitter, UHD-4K MUXLAB-500777

The HDMI/VGA/USB over IP PoE Wall Plate Transmitter allows HDMI, VGA and USB equipment to be connected up to 330ft (100m), with video supported at up to 4K (3840×2160) resolution @ 30Hz via one (1) Cat5e/6 unshielded twisted pair cable in a point-to-point configuration. The USB port may be used for extending various USB devices including Smart Boards. Point-to-multipoint and multipoint-to-multipoint configurations are also possible by connecting several Transmitters and Receivers to the same local Ethernet IP network via an Ethernet Switch. The HDMI/VGA/USB over IP PoE Wall Plate Transmitter also supports PoE (PD) if used with a PoE (PSE) Ethernet Switch. Additional Transmitters may be purchased separately depending on the intended application and number of units required.

For the point-to-multipoint and multipoint-to-multipoint configuration the Ethernet Switch must have Gigabit ports, Jumbo Frame capability, DHCP Server capability, PoE, and additionally support the IGMP communication protocol for the multipoint-to-multipoint case. MuxLab recommends using the Cisco SG300 or SG500 Series Managed Switches.

The MuxLab ProDigital Network Controller (500811) is available to simplify the configuration and utilization of the 500777-TX and other MuxLab IP based products via an Ethernet web interface. The MuxLab Control Android and iOS Application may also be used for connectivity management, in combination with the 500811 Network Controller.

SDI OVER IP

3G-SDI /RS232 over IP with POE MUXLAB-500756

The 3G-SDI /RS232 over IP with PoE allows easy extension and distribution of broadcast quality SDI, HD-SDI or 3G-SDI video with embedded audio over local area networks (LAN).

This low-latency and versatile solution consists of individual transmitter and receiver units which can be configured in a variety of combinations. It is a cost effective alternative to a dedicated SDI matrix switch. The 3G-SDI over IP extender allows users to send any SDI signals over CAT5/6 cable infrastructure instead of using the traditional SDI coax infrastructure, saving cable cost and making installation easy and fast. This solution is ideal for many quality critical video/audio applications such as original video source contribution, live video delivery around the broadcast facility or running media exchanges between different studios within the facility.

MATRIX SWITCHES

HDMI 4X4 Matrix switch kit, HDBT, POC, 4K/60 MUXLAB-500412

The HDMI 4×4 Matrix Switch Kit, HDBT, PoC, 4K/60 (4:2:0) allows up to four (4) different HDMI sources to be connected and/or distributed to up to four (4) HDMI displays. The 4K HDMI Matrix Switch supports three (3) HDBT outputs for long distance connectivity and one (1) HDMI output for local connectivity. The Kit includes three (3) HDBT PoC Receivers which are powered by the Matrix Switch, and support distances up to 70m at 1080p and 40m at 4K via Cat5e cable. Management functions for this 4K HDMI Matrix Switch include front panel pushbutton, IR, RS232 and webserver interface. Software updated are supported via a USB port.

HDMI 8X8 Matrix switch, HDBT, 4K/60 MUXLAB-500413

The HDMI 8×8 Matrix Switch, HDBT, 4K/60 allows up to eight (8) different HDMI sources to be connected and/or distributed to up to eight (8) + two (2) HDMI displays. The unit supports eight (8) HDBT outputs, plus the first two (2) outputs also include two (2) HDMI outputs for local connectivity. The HDMI 8×8 Matrix Switch, HDBT, 4K/60 is compatible with the MuxLab 500454-PoE-RX HDBT Receivers. and supports distances up to 70m at 1080p and 40m at 4K via Cat5e/6 cable. Management functions include front panel push button, IR, RS232 and IP. Software updates are supported via a USB port.

HDMI 8X8 Matrix switch, 4K/60 MUXLAB-500443

The HDMI 8×8 Matrix, 4K/60 (4:4:4) connects eight HDMI sources to eight displays. This 4K HDMI Matrix Switch provides eight HDMI outputs and each HDMI output is supporting up to 4K/60 (4:4:4) plus all 3D formats and supporting independent EDID control, with scaling capability so that different displays each with different resolutions can be simultaneously supported. It works with Blu-Ray players, Media Players/Streamers, Cameras, Set-Top boxes, Home Theater systems, and game consoles that connect to an HDMI display. Any source is accessible at all times by any display by selecting it via the supplied IR Remote Control, RS-232, TCP/IP or by using the selection buttons on the front panel of the 4K HDMI Matrix Switch.

HDMI 4X4 Matrix switch, 4K/60 MUXLAB-500444

The HDMI 4×4 Matrix, 4K/60 (4:4:4) connects four HDMI sources to four displays. This 4K HDMI Matrix Switch provide four HDMI outputs supporting up to 4K/60 (4:4:4) plus all 3D formats, and supporting independent EDID control. It works with Blu-Ray players, Media Players/Streamers, Cameras, Set-Top boxes, Home Theater systems, and game consoles that connect to an HDMI display. Any source is accessible at all times by any display by selecting it via the supplied IR Remote Control, RS-232, TCP/IP or by using the selection buttons on the front panel of the 4K HDMI Matrix Switch.

MULTI-VIEWER

4X2 HDMI 2.0 Quad - view processor MUXLAB-500446

The 4×2 HDMI 2.0 Quad-View Processor allows up to four (4) HDMI 4K/60 sources to be simultaneously presented on one or two displays at 4K/60 as a multi-view arrangement.
The user may select from one of five (5) default multi-view layout presets, or from eight (8) custom layout presets (resized and position as required with PIP support) in order to tailor their multi-view setup.
The unit supports transitions including seamless, fade-in & fade-out, wipe, and dissolve when switching in full screen mode. Pass through of all audio formats is supported, including 2CH audio extraction via two RCA jacks. The user may provide a background and logo to be displayed.
The unit may be managed locally via front panel push buttons or remotely via IR (IR Remote is included), RS232 and over an Ethernet network, and comes with rackmount brackets for a 19” rack, and a 12VDC @ 5A Power Supply.

SCALERS

HDMI video scaler MUXLAB-500438

The HDMI Video Scaler allows one HDMI source to be distributed to one HDMI display. The scaler supports video sources up to 4096 x 2160 @ 60 Hz, 12 bit color and HD audio. The scaler is able to upscale up to 3840 x 2160 @ 60Hzand downscale to 1024 x 768 @ 60Hz. It is HDCP 2.2 compliant, has audio extraction capability, OSD (On Screen Display) configuration menu, and may be controlled via RS232.

SPLITTER

HDMI 1X8 Splitter, UHD-4K MUXLAB-500422

The HDMI 1×8 Splitter allows one HDMI source to be distributed to up to eight HDMI displays. The HDMI audio video splitter supports up to 1080p, 12-bit Deep color and HD audio. The splitter is HDCP 1.3 compliant and features LED diagnostics. Additionally, all HDMI connectors are on the rear panel for neater cabling.

HDMI / HDBT 1X4 splitter MUXLAB-500424

The HDMI/HDBT 1×4 Splitter, UHD-4K is a HDBT Splitter accepting 1 HDMI input and distributing to 4 HDBT outputs, plus 1 HDMI output for local monitoring or for cascading up to four other splitters.

The HDMI audio video splitter allows uncompressed 4K @ 30Hz HDMI, RS232 and IR signals to be transmitted over a single CAT5e/6 cable up to 131ft (40m) and a 1080p signal up to 230ft (70m). The HDMI audio video splitter is also capable of bi-directional IR transmission and EDID management.

The 500454-RX HDBT Receiver is recommended as a companion device for the extended HDBT signal.

HDMI 1X2 splitter, 4K60 MUXLAB-500425

The HDMI 1×2 Splitter, 4K60 (500425) allows one (1) HDMI 2.0 source to be distributed to up to two (2) HDMI displays. The HDMI audio video splitter supports up to 4K (3840 X 2160) video @ 60Hz, HDR, Deep Color and HD audio. The HDMI audio video splitter is HDCP 1.4 & 2.2 compliant, independent down-scaler from 4K to 1080p at each output, and features LED diagnostics. Additionally, all connectors are on the rear panel for neater cabling.

HDMI 1X4 splitter, 4K60 MUXLAB-500426

The HDMI 1×4 Splitter, 4K60 (500426) allows one (1) HDMI 2.0 source to be distributed to up to four (4) HDMI displays. The splitter supports up to 4K (3840 X 2160) video @ 60Hz, HDR, Deep Color and HD audio. The splitter is HDCP 1.4 & 2.2 compliant and features EDID management and LED diagnostics. Each output supports an independent down-scaler from 4K to 1080p, depending on the connected display. Additionally, all connectors are on the rear panel for neater cabling.

HDMI 1X8 splitter, 4K60 MUXLAB-500427

The HDMI 1×8 Splitter, 4K60 (500427) allows one (1) HDMI 2.0 source to be distributed to up to eight (8) HDMI displays. The HDMI audio video splitter supports up to 4K (3840 X 2160) video @ 60Hz, HDR, Deep Color and HD audio. The splitter is HDCP 1.4 & 2.2 compliant and features LED diagnostics. Each output supports an independent down-scaler from 4K to 1080p, depending on the connected display. Additionally, all connectors are on the rear panel of the HDMI audio video splitter for neater cabling.

Displayport 1.2A 1X2 splitter, SST MUXLAB-500505

The DisplayPort 1.2a 1×2 Splitter, SST allows you to duplicate identical DisplayPort 1.2a content from one DisplayPort connector to two monitors. The splitter supports video resolutions up to 4K and PCM Audio up to 7.1-Channel and up to 192 kHz sampling rate, supporting a Single Stream Transport (SST).

Displayport 1.2A 1X2 HUB, MST MUXLAB-500506

The DisplayPort 1.2a 1×2 Hub, MST is a device that allows you to extend different DisplayPort 1.2a content from one DisplayPort connector to two monitors. The hub supports video resolutions up to 4K and PCM Audio up to 7.1-Channel and up to 192 kHz sampling rate, and supports Multi-Stream Transport (MST) of up to eight streams.

12G-SDI 1X6 splitter, 4K60 MUXLAB-500718

The 12G-SDI 1×6 Splitter, 4K/60 (500718) allows one (1) 12G/6G/3G/HD/SD-SDI source to be distributed and amplified to up to six (6) 12G/6G/3G/HD/SD-SDI displays. The splitter supports up to 4K (3840 X 2160) video and HD audio, including 480i (SD-SDI), 720p/1080i (HDSDI), 1080p (3G-SDI), 4K/30 (6G-SDI) and 4K/60 (12G-SDI).

The device automatically detects the 12G/6G/3G/HD/SD-SDI signal and re-clocks and regenerates the signal at the output for extending distances between source and displays. Additionally, all connectors are on the rear panel for neater cabling.

12G-SDI 1X4 splitter, 4K60 MUXLAB-500727

The 12G-SDI 1×4 Splitter, 4K/60 (500727) allows one (1) 12G/6G/3G/HD/SD-SDI source to be distributed and amplified to up to four (4) 12G/6G/3G/HD/SD-SDI displays. The splitter supports up to 4K (3840 X 2160) video and HD audio, including 480i (SD-SDI), 720p/1080i (HD-SDI), 1080p (3G-SDI), 4K/30 (6G-SDI) and 4K/60 (12G-SDI). The device automatically detects the 12G/6G/3G/HD/SD-SDI signal and re-clocks and regenerates the signal at the output for extending distances between source and displays. Additionally, all connectors are on the rear panel for neater cabling.

12G-SDI 1X8 splitter, 4K60 MUXLAB-500728

The 12G-SDI 1×8 Splitter, 4K/60 (500728) allows one (1) 12G/6G/3G/HD/SD-SDI source to be distributed and amplified to up to eight (8) 12G/6G/3G/HD/SD-SDI displays. The splitter supports up to 4K (3840 X 2160) video and HD audio, including 480i (SD-SDI), 720p/1080i (HD-SDI), 1080p (3G-SDI), 4K/30 (6G-SDI) and 4K/60 (12G-SDI). The device automatically detects the 12G/6G/3G/HD/SD-SDI signal and re-clocks and regenerates the signal at the output for extending distances between source and displays.

ST-2110 SOLUTIONS

3G-SDI/ST2110 over IP uncompressed gateway converter MUXLAB-500767

The 3G-SDI/ST2110 over IP Uncompressed Gateway Converter allows HD-SDI and 3G-SDI equipment to be extended up to 100ft (30m) via UTP Cat 5e/6 cable or up to 1300ft (400m) via duplex multimode OM4 fiber with LC connectors, at up to 1080p resolution @ 60Hz uncompressed, in a point-to-point configuration. Point-to-multipoint and multipoint-to-multipoint configurations are also possible by connecting several units to a 10G Ethernet network. The unit provides a 1G Ethernet Switch port to connect additional network devices, and an RS232 port for remote control of end devices.

This device supports SMPTE ST-2110, and can be managed through its Web interface and an NMOS system via a RestAPI.

SWITCHERS

5X1 HDMI / HDBT Multimedia presentation switch MUXLAB-500435

The 5×1 HDMI / HDBT Presentation switch is a compact scaler switcher with 5 video inputs (3 HDMI, 2 VGA) and 6 audio inputs (3 HDMI audio & 2 VGA with audio switched following the video; 1 MIC audio input). The VGA input supports VGA, Component Video (YPbPr) and Composite Video.

The 5×1 HDMI / HDBT Presentation switch scales & switches any video signal to HDMI output and HDBaseT output for a transmission over up to 70 m of Cat5e/6 with PoC support.

With 1 IR Sensor, 5 IR Emitters and 1 RS232 port, bidirectional IR & RS232 signals can be transmitted simultaneously between the 5×1 HDMI / HDBT Presentation switch and the HDMI Extender PoC/PoE Receiver.

HDMI 4X1 Switcher witch audio extraction, 4K/60 MUXLAB-500437

The HDMI video switcher switches one of four sources to one display, supporting resolutions up to 4K@60Hz (4:4:4). Extracted digital audio is output as S/PDIF Toslink and analog 2CH. Audio Return Channel allows audio to be returned to source on this HDMI video switcher.

6X1 2.0 Multimedia presentation switch MUXLAB-500445

The 6×1 2.0 Multimedia Presentation Switch is a compact scaler switcher with 6 video inputs (3x HDMI, 1x DisplayPort 1.2a, 1x USB Type-C, and 1x VGA) that supports up to 4K/60 (4:4:4) video resolution @ 8 bits and 1080p/60 3D. The unit supports HDCP 2.2, HDR 10, smart EDID management, and a 2CH Analog Audio extract port, plus 5.1CH Digital Audio extract. The device will pass-through audio signals up to Dolby Atmos and DTS:X. In addition, two of the HDMI ports support MHL for smartphone & tablet connectivity.

The 6×1 HDMI 2.0 Multimedia Presentation Switch scales & switches any video signal to the HDMI output. The inputs may be switched under user control, either locally via push buttons and remotely via IP, RS232 and IR remote control, or it may be controlled automatically via “Auto” mode.

The unit offers CEC control for remote management of end devices.

TEST EQUIPMENT

HDMI 2.0/3G-SDI Signal generator MUXLAB-500830

This HDMI signal generator is a portable test tool that is able to generate SD/HD/3G SDI and HDMI 2.0 test patterns in a full range of resolutions up to 4K@ 60Hz (4:4:4). The HDMI test signal generator assists users in validating the capabilities and proper operation of their sink devices. The user may select from various test pattern, resolutions, refresh rates, color spaces and other related parameters. When used with the 500831 Signal Analyzer, a useful set of cable connectivity/quality tests, and device compatibility tests can be performed to help identify problems. The device is an exceptional tool at an attractive price for any AV engineer/developer, integrator and installer.

The HDMI test signal generator is a portable device which can be used anytime you need it and anywhere, making it an invaluable tool. The unit supports an internal rechargeable Lithium-ion battery, allowing the device to be operated autonomously for up to 5 hours per charge.

HDMI 2.0/3G-SDI Signal analyzer MUXLAB-500831

This Signal Analyzer is a portable test tool that is able to analyze SD/HD/3G SDI and HDMI 2.0 test patterns in a full range of resolutions up to 4K@ 60Hz (4:4:4). The unit assists users in validating the capabilities and proper operation of their source devices. When used with the 500830 Signal Generator, a useful set of cable connectivity/quality tests, and device compatibility tests can be performed to help identify problems. The device is an exceptional tool at an attractive price for any AV engineer/developer, Integrator and installer.

The Signal Analyzer is a portable device which can be used anytime you need it and anywhere, making it an invaluable tool. The unit supports an internal rechargeable Lithium-ion battery, allowing the device to be operated autonomously for up to 5 hours per charge.

VIDEO CAPTURE & STREAMER

HDMI to USB 3.0 video capture & streamer MUXLAB-500467

The HDMI to USB 3.0 Video Capture & Streamer (500467) allows the user to record from HDMI video sources to a PC over USB 3.0. The unit supports an HDMI In port for the source and HDMI Loop Out for a monitor. The 500467 is capable of connecting to a 4K/60 source and will stream at up to 1080p/60 over the USB 3.0 port to a PC or similar device to record and/or send the video to a broadcasting service such as YouTube, Facebook, and other broadcasting services. The device is compatible with OBS Studio, AMCap, etc., and supports a variety of HDMI sources such as Cameras, Game Consoles, Media Players, and many others.
The unit supports an Audio In port for a microphone which is automatically mixed with the HDMI audio, and an Audio Out port for headphones or active speakers.

Oficinas
C/ Diputación 203
08011 · Barcelona
España
Tel. +34 93.451.78.30
Fax. +34 93.323.75.88

Almacén
C/ Treball, 37
Polígono Industrial Almeda
08940 · Cornellà de Llobregat
Barcelona · España

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