

# MuxLab

## BROADCAST™

YOUR #1 CHOICE FOR BROADCAST CONNECTIVITY SOLUTIONS

2016  
Product  
Guide



# Broadcast

CONNECTIVITY SOLUTIONS



# MuxLab's mission

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Established in 1984

MuxLab is a leading designer of value-added connectivity hardware allowing CCTV and AV equipment to be connected via cost-effective copper twisted pair. MuxLab is determined to provide the broadcast market with easy to use and affordable solutions for transferring 6G-SDI/3G-SDI/HD-SDI signals over Cat5e/6 cable over both shorter and longer distances.

We understand the market's need for quality, performance, and reliability and we engineer all of our products in Montreal, Canada with this focus in mind. With over 30 years of expertise we continue to support our main mission to provide our customers with innovative and industry leading designs and the dependability you need. Let us join you and help ease your signal transmission with ease!

Sincerely,

The MuxLab Team  
Montreal, Canada





## Proud to be Canadian

MuxLab is proud to design and engineer its products in Canada, by Canadian professionals. We create jobs and support local manufacturing, something we're proud of today and every day.






# 6G-SDI Extenders

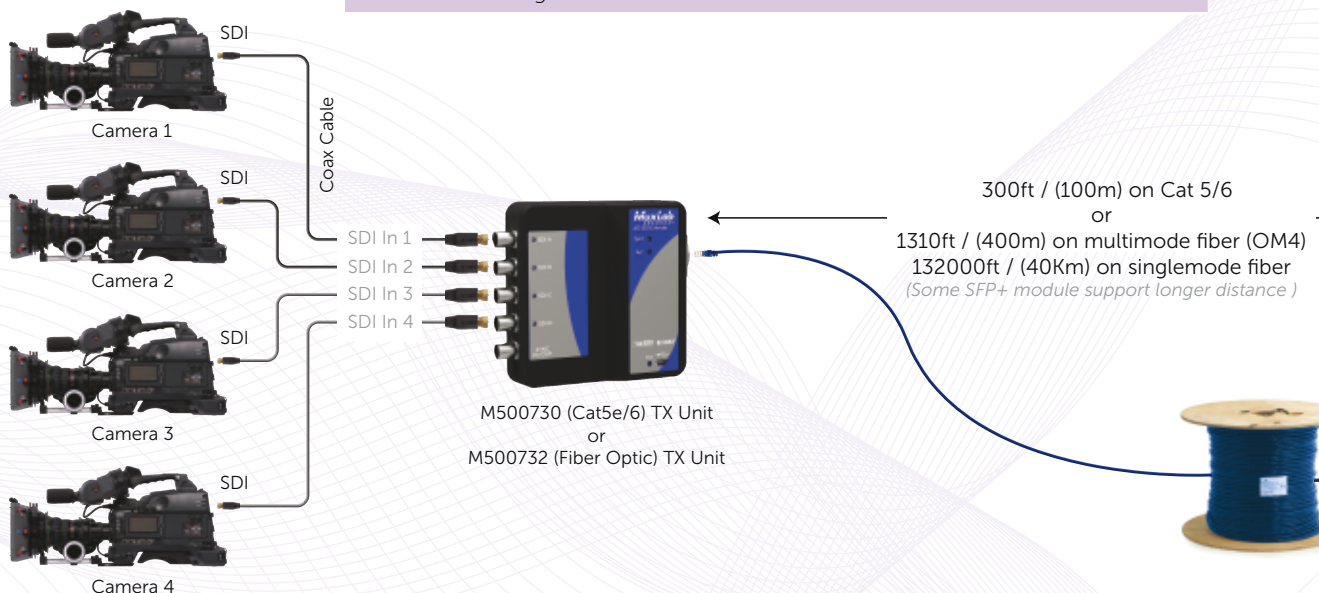
## 6G-SDI Extender Kit over UTP

Part # 500730



The 6G-SDI Extender over UTP is a unique new solution from MuxLab for extending SDI cameras or other SDI sources up to 4K @ 30Hz resolution with the added benefit of extending the Hi-Resolution signal up to 330ft (100m) using HDBaseT technology. Standard Cat5e/6 UTP cable is used for the extension. The pair of units (Transmitter and Receiver) use PoE for power and only require the Receiver (Rx) side to be powered. The 6G-SDI Extender can extend four (4) HD-SDI signals, two (2) 3G-SDI signals, or one (1) 6G-SDI signal.

<b>Application</b>	Video production, broadcasting, camcorder, studio-to-studio, postproduction, live events, medical imaging displays, mobile video, SDI routing, SDI-CCTV, medical imaging
<b>Key Features</b>	Up to 330ft (100m) using HDBaseT technology
    	Supports one 6G-SDI source, two 3G-SDI sources, or four HD-SDI sources
	Maximum resolution supported: 4K @ 30Hz
	Supported modes: SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M
	Supports all 6G channel configurations (1/2/4)
	Automatic SDI Link recognition and configuration
	Automatic activation of long reach mode 500ft (150m) when an 3G signal is detected
	USB interface for field upgradable firmware and diagnostics
	PoE powered, power Transmitter from Receiver
	Ethercon Connectivity for ruggedized usage
	3/8"-20 mounting holes










# 6G-SDI Extender over Fiber Optic

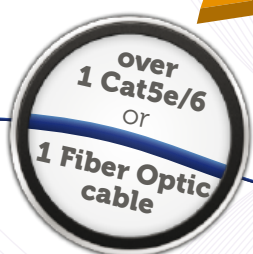
Part # 500732



The 6G-SDI Extender over Fiber Optic is a unique solution from Muxlab for extending SDI based cameras or other SDI sources up to 4K @ 30Hz resolution. The 6G-SDI Extender can extend four (4) HD-SDI sources, two (2) 3G-SDI sources, or one (1) 6G-SDI source.

<b>Application</b>	Video production, broadcasting, camcorder, studio-to-studio, postproduction, live events, medical imaging displays, mobile video, SDI routing, SDI-CCTV, medical imaging
<b>Key Features</b>	985ft (300m) OM3 Fiber (500732)
  	1310ft (400m) OM4 Fiber (500732)
	13000ft (10km) Singlemode fiber (500732-SM-10)
	132000ft (40km) Singlemode Fiber (500732-SM-40)
	Supported modes: SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M
	Supports all 6G channel configurations (1/2/4)
	Automatic SDI Link recognition and configuration
	USB interface for field upgradable firmware and diagnostics
	Ethercon Connectivity and Aluminum Enclosure for ruggedized use
	Supports RS232 over Fiber Optic
	HDMI port on receiver unit (display side)

## Typical Application 500730, 500732



M500730 (Cat5e/6) RX Unit  
or  
M500732 (Fiber Optic) RX Unit





# 6G-SDI / 3G-SDI / HD-SDI Baluns & Extenders

## HD-SDI Balun

Part # 500701/500701-2PK



The HD-SDI Balun allows one HD-SDI signal to be transmitted up to 150ft (45m) via Cat5e/6 cable at HD resolution in a point-to-point configuration. The HD-SDI Balun supports transmission of up to 1.5Gbps uncompressed, un-encrypted digital video (optionally including embedded Audio and/or Time Code) within television facilities and between professional video equipment.



<b>Application</b>	Video production, broadcasting, HD camcorder, studio-to-studio, post-production, live events, medical imaging displays, mobile video, HD/SD routing, HD-CCTV, medical imaging
<b>Key Features</b>	Supports SD and HD resolutions
 	Up to 150ft (45m) via Cat5e/6 cable @ HD (720p/1080i)
	Up to 400ft (122m) via Cat5e/6 cable @ SD
	Cast aluminum enclosure for EMI/RFI shielding

## 3G-SDI Extender Kit

Part # 500700



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

<b>Application</b>	Video production, broadcasting, camcorder, studio-to-studio, post-production, live events, medical imaging displays, mobile video, SDI routing, SDI-CCTV, medical imaging
<b>Key Features</b>	Up to 330ft (100m) via Cat5e cable
 	Up to 400ft (122m) via Cat6 cable
	Supports SDI-SMPTE 259M-C (270Mbps) HD-SDI-SMPTE 292M (1.485, 1.485/1.001 Gbps) HD-SDI-SMPTE 424M/425M (2.97/3.0 Gbps)
	LED diagnostics: sync, SDI detect



# LongReach™ 3G-SDI Extender Kit

Part # 500702



The LongReach™ 3G-SDI Extender Kit features 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. It extends 3G-SDI signals up to 500ft (152m) via Cat5e/6 cable in a point-to-point configuration.

## Key Features



Up to 500ft (152m) via Cat5e/6 cable

Supports cost-efficient HDMI displays versus more costly 3G-SDI monitors

Supports SDI-SMPTE 259M-C (270Mbps) HD-SDI-SMPTE 292M (1.485, 1.485/1.001 Gbps) HD-SDI-SMPTE 424M/425M (2.97/3.0 Gbps)

LED diagnostics: sync, SDI detect

# 3G-SDI to HDMI Extender Kit

Part # 500715



The 3G-SDI to HDMI Extender Kit (500715) converts 3G-SDI to HDMI and then transmits it up to 330ft (100m) via Cat5e cable at all resolutions in a point-to-point configuration. The 3G-SDI to HDMI Extender supports transmission of up to 2.97/3.0Gbps uncompressed, un-encrypted digital video (optionally including embedded Audio and/or Time Code) within television facilities and between professional video equipment.

## Key Features



Up to 330ft (100m) via Cat5e cable

Up to 400ft (122m) via Cat6 cable

Supports cost-efficient HDMI displays versus more costly 3G-SDI monitors

Supports SDI-SMPTE 259M-C (270Mbps) HD-SDI-SMPTE 292M (1.485, 1.485/1.001 Gbps) HD-SDI-SMPTE 424M/425M (2.97/3.0 Gbps)




LED diagnostics: sync, SDI detect

# LongReach™ 3G-SDI to HDMI Extender Kit

Part # 500716



The LongReach™ 3G-SDI to HDMI Extender Kit converts 3G-SDI to HDMI and then transmits it up to 500ft (152m) via Cat5e/6 cable at all resolutions in a point-to-point configuration.



<b>Key Features</b>	Up to 500ft (152m) via Cat5e/6 cable
  	Supports SDI-SMPTE 259M-C (270Mbps) HD-SDI-SMPTE 292M (1.485, 1.485/1.001 Gbps) HD-SDI-SMPTE 424M/425M (2.97/3.0 Gbps)
	LED diagnostics: Power, Sync detect

# 3G-SDI Fiber Extender Kit

Part # 500710



The 3G-SDI Fiber Extender Kit (500710) allows one 3G-SDI channel to be transmitted up to 19mi (30km) via one singlemode fiber in a point-to-point configuration. The 3G-SDI Fiber Extender supports transmission of up to 2.97/3.0Gbps uncompressed, un-encrypted digital video within television facilities and between professional video equipment. The 500710 includes a Hirose power cable for SDI camcorder applications and comes with a hard plastic carry case.

<b>Application</b>	Video production, broadcasting, camcorder, studio-to-studio, post-production, live events, medical imaging displays, mobile video, SDI routing, SDI-CCTV, medical imaging
<b>Key Features</b>	Up to 19mi (30km) via one singlemode fiber
 	Supports up to 3G-SDI
	LED diagnostics: Power, Sync detect
	Includes Hirose power cable
	Includes hard plastic carry case






## 6G-SDI Fiber Extender Kit

Part # 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.



<b>Application</b>	Video production & Broadcasting, Studio-to-studio & Post production, Outside broadcasting vehicle, Mobile video & Live Events, SDI camcorder, Medical imaging display, 6G/3G/HD-SDI routing, 6G/3G/HD-SDI CCTV
<b>Key Features</b>	Supports 6G/3G/HD-SDI signals
  	Supports up to 4K/30 video
	Extend transmission up to 60,000ft (20km) over singlemode fiber
	LED diagnostics: Power, Sync detect

## 3G-SDI to HDMI Converter

Part # 500717



The 3G-SDI to HDMI Converter allows SDI equipment to be connected to an HDMI Display. The unit converts the SDI signal 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.

<b>Key Features</b>	Auto 3G/HD/SD-SDI detection & conversion
 	View SDI source video on a lower cost HDMI display
	Supports up to 1080p
	3G-SDI up to 300ft (90m) via RG59 coax
	Low jitter & re-clocked output
	Supports daisy chain
	Wall mountable
	LED diagnostics





# AV over IP Extended Distribution

## 3G-SDI / RS232 over IP Extender Kit with PoE

Part # 500756



The 3G-SDI / RS232 over IP Extender Kit with PoE allows SDI equipment to be connected over an IP network @ 1080p in a point-to-point configuration, with Transmitters and Receivers connected up to 330ft (100m) from an Ethernet Switch. Point-to-Multipoint, and Multipoint-to-Multipoint is possible by connecting several Transmitters and Receivers to the same network. Supports 100's of Transmitters and Receivers on a single network, depending on network bandwidth. The unit supports PoE (PD) and may be powered by a PoE (PSE) Ethernet Switch.

Key Features	
	Supports up to 1080p resolutions
	Motion JPEG compression with very low latency
	Supports RS232 and one way IR transmission for remote control
	Transmission over an IP Network, at up to 330ft (100m) from the Ethernet Switch
	Supports 100's of Transmitters and Receivers depending on network bandwidth
	PoE powered
	Control via Windows-browser or via a web device (mobile, tablet)
	May be controlled using model 500811 (Pro Digital Network Controller)



# Control of MuxLab IP Products

## Pro Digital Network Controller

Part # 500811



The Pro Digital Network Controller is a Linux-based PC that allows users to control hub-installed MuxLab over IP products via an Ethernet Web interface. When installed on a LAN, the Pro Digital Network Controller can scan for MuxLab over IP products and allows the user to configure and control these products over the network.

Key Features	
	Centralizes control of MuxLab AV over IP products
	Provides a web interface to manage & control MuxLab products
	Provides a mobile web interface for smartphones and tablets
	Provides control APIs for third party control integration
	Supports I/O presets to be configured
	Serves as a base platform to develop automation control applications
	Supports Software upgrades

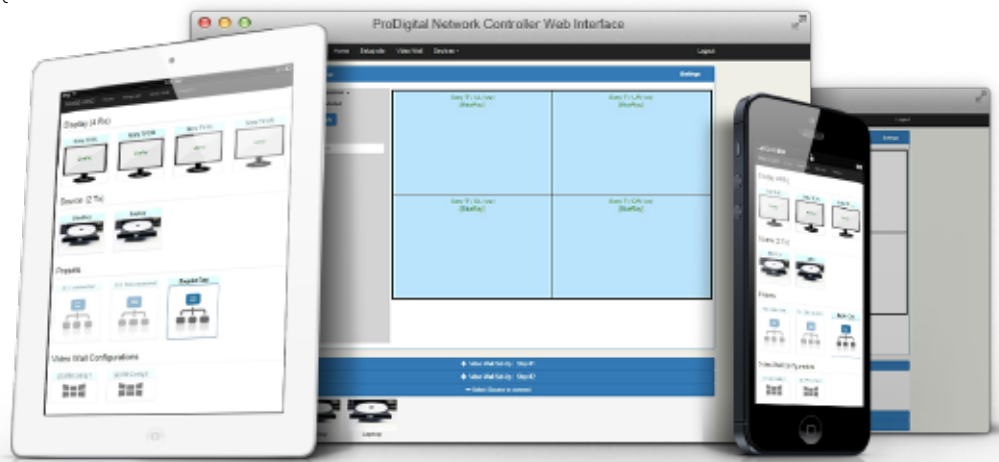


# Control MuxLab AV over IP solutions

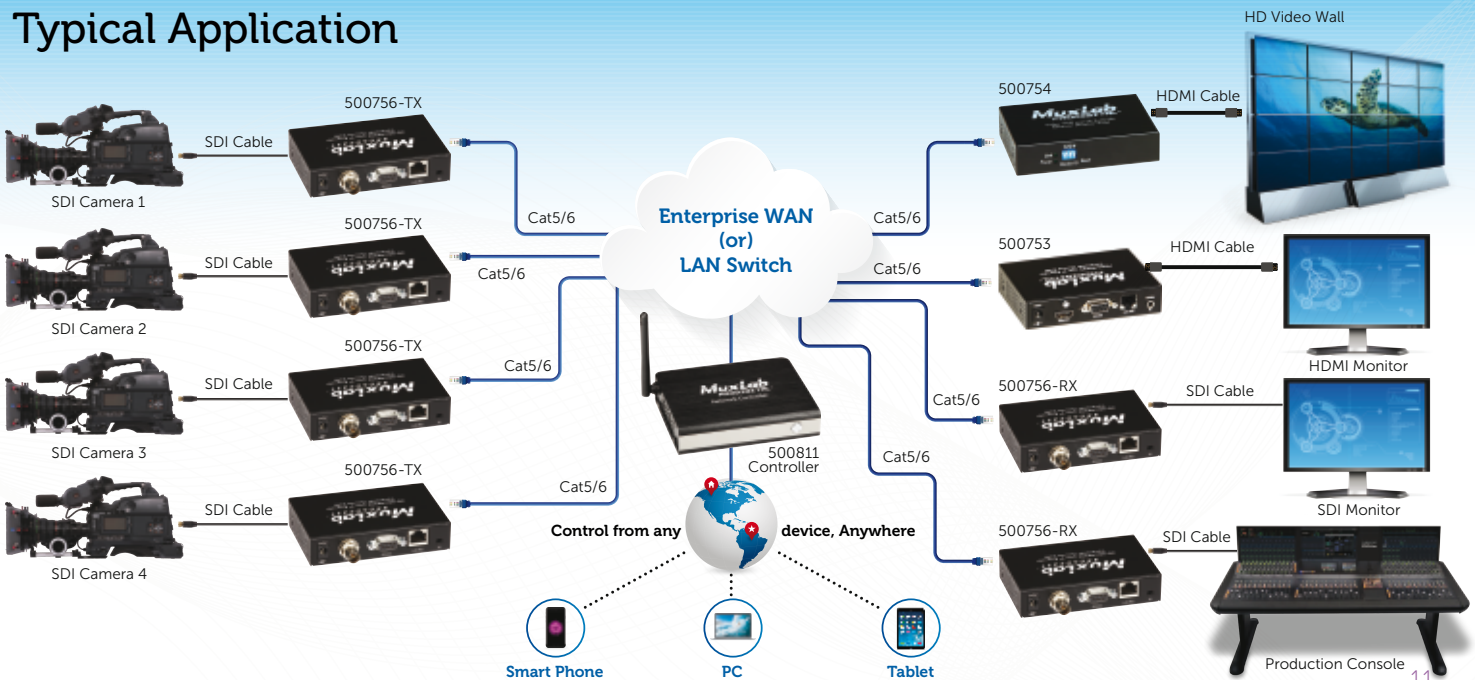
via the **500811 (Pro Digital Network Controller)** web and mobile interface, through a PC web browser, smartphone, and tablet. The web and mobile interface may also be managed via third party software, either under user control or in an automated fashion.

## AV over IP Management

The Pro Digital Network Controller web and mobile interface allows Muxlab's AV over IP Transmitters to be routed to Muxlab's AV over IP Receivers thereby enabling a virtual matrix switch to be set up between multiple HDMI & SDI sources and HDMI & SDI displays and SDI equipment (such as mixers) via a Gigabit Ethernet LAN. 100's of Transmitters and Receivers may be supported on a single LAN, depending on network bandwidth. The Pro Digital Network Controller web and mobile interface supports the addition or removal of Transmitters and Receivers as needed. Changing Transmitter to Receiver routing configurations between point-to-point, point-to-multipoint, and multipoint-to-multipoint arrangements is accomplished easily under software control. The resulting system allows for a truly flexible and expandable AV connectivity solution.



## Typical Application



# KVM / Extenders

## DVI / USB2.0 HDBaseT Extender Kit

Part # 500391



The DVI / USB2.0 HDBaseT Extender Kit (500391) allows one DVI channel and one USB2.0 channel to be transmitted up to 330ft (100m) at all resolutions up to 1920x1200 via single Cat5e/6 cable, and up to 230ft (70m) at 4K (3840x2160). The Receiver features a 4-port USB2.0 hub for transferring multiple USB2.0 data transmissions, well suited for KVM applications.

### Key Features



Extends DVI and one USB2.0 channel via single Cat5e/6 cable
Up to 330 ft (100m) at all resolutions up to 1920x1200 via one Cat5e/6
Up to 230ft (70m) at 4K @ 30Hz (4:4:4) and 4K @ 60Hz (4:2:0)
HDBaseT technology

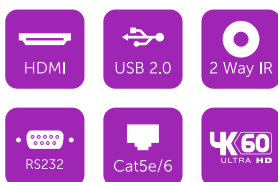
## HDMI/USB2.0 Extender Kit

Part # 500457



The HDMI / USB2.0 Extender Kit allows one HDMI and one USB 2.0 channel to be extended up to 330ft (100m) at all resolutions up to 4K @ 60Hz (4:2:0) via Cat5e/6 cable. The Receiver features a 4-port USB2.0 hub for transferring multiple USB2.0 data transmissions, well suited for KVM applications.

### Key Features





Extends HDMI and USB 2.0 via single Cat5e/6 cable
Up to 330ft (100m) at all resolutions up to 4K @ 30Hz (4:4:4) & 4K @ 60Hz (4:2:0)
4-port USB 2.0 hub at Receiver
Supports RS232 and IR transmission for remote control
Uncompressed signals
USB 2.0 (250Mbps max)

## USB2.0 4-Port Extender Kit

Part # 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 330ft (100m) over single Cat5e/6 cable. This USB 2.0 4-Port Extender Kit is true plug and play, it 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.

Key Features	
 USB 2.0  Cat5e/6	True plug and play, no driver installation required
	Extends USB 2.0 devices up to 330ft (100m) over Cat5e/6 cable
	Supports all USB device types: Control, Interrupt, Bulk and Isochronous at up to 480Mbps
	Compatible with major operating systems
	Aluminum enclosure and wall mount




*\*4K resolution 3840 X 2160 @ 24, 25 & 30 Hz.*

## DVI/Audio Extender Kit

Part # 500390



The DVI/Audio Extender Kit (500390) allows one DVI channel and one line level 2CH audio signal to be transmitted up to 230ft (70m) at all resolutions up to 1080p via one (1) Cat5e/6 cable in a point-to-point configuration.

Key Features	
 DVI  HDBT  Audio	Extends DVI and 2CH audio via Cat5e/6 cable
	Up to 230ft (70m) at all resolutions up to 1080p
	Up to 115ft (35m) at 4K @ 30Hz (4:4:4)
	HDBaseT technology

**4K**  
UHD-4K



*\*4K resolution 3840 X 2160 @ 24, 25 & 30 Hz.*

# DVI Fiber Optic Extender Kit

Part # 500463



Extend DVI over one multimode fiber optic cable up to 3,280ft (1km). The MuxLab DVI Fiber Optic Extender Kit lengthens your DVI display from your video source using a single strand of multimode fiber optic cable. Automatic EDID programming enables simple synchronization of the video source to the display.





Key Features	Extends DVI devices up to 3,280ft (1km)
 	Supports video resolutions up to 1080p and 1920 x 1200
	Uses single-strand multimode fiber optic cable
	Easy EDID programming enables simple synchronization
	Supports DDWG standard for DVI compliant monitors
	Video Amplifier Bandwidth: 165MHz (single link)
	Input DDC Signal: 5 volts p-p (TTL)
	DVI Connector: Type DVI-D male
	Link Connector: SC Power Supply: 5VDC

# HDMI 4K Fiber Extender Kit

Part # 500460



The HDMI Fiber Extender Kit (500460) allows HDMI equipment to be connected up to 1,000 ft (305m) @ 4K/30 resolution via one (1) 50/125  $\mu$ m Multimode fiber cable 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.

Key Features	Up to 1,000 ft (300m) via a single multimode fiber
   	IR Control (IR Sensor and IR Emitter included)
	SC connector multimode fiber 62.5 $\mu$ m/125 $\mu$ m.
	Supports RS232
	<i>*4K resolution 3840 X 2160 @ 24, 25 &amp; 30 Hz.</i>





## Mini HDMI Fiber 4K Extender Kit

Part # 500461



The Mini HDMI Fiber 4K Extender Kit allows an HDMI source, such as BluRay or PC, to be distributed over extended distances of up to 1,000 ft (305m) to a screen or monitor using Duplex Multimode Fiber cables at resolutions of up to 4K30. Powered via mini USB connectors, this space efficient extender kit is ideal for those hard-to-reach installations where space is crucial.

Key Features	
	HDMI 1.4a support
	HDCP support
	Compact design
	Distance up to 305m using LC Duplex multimode 50/125 μm OM3 fiber cable
	Power using micro USB connector
	Metallic enclosure for better heat dissipation



\*4K resolution 3840 X 2160 @ 24, 25 & 30 Hz.

## HDMI Over Coax Extender Kit

Part # 500465, 500465-RX



The HDMI over Coax Extender Kit (500465) allows an HDMI source to be connected to an HDMI receiver up to 250ft (76m) 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.

Key Features	
	Supports HDMI over one RG59 coax cable
	Up to 250ft (76m) at 1080p resolution
	Up to 500ft (152m) at 1080i/720p resolution
	Ideal for harsh electrical environments
	Cascadable on the TX and RX side



# CATV & RF Distribution Baluns & Hubs

## CATV Balun II

Part # 500302, 500302-2PK



The CATV Balun II (500302) allows traditional 75-ohm coaxial cable to be replaced by a single pair of Cat 5e/6 UTP cable in the CATV, VHF and FM environments in certain applications. Used in pairs, the CATV Balun II allows broadband CATV equipment to be integrated into structured cabling systems thereby allowing CATV equipment to be moved or added to any convenient modular wall outlet. The CATV Balun II provides a versatile cabling solution for broadband video systems and works in conjunction with RF splitters, combiners, amplifiers and cable modems for a total cabling solution.



<b>Application</b>	Schools, government, offices, hospitals, financial institutions, hotels and residential complexes.
<b>Key Features</b>	High bandwidth - up to 900Mhz
 	Compact design
	Eliminate costly coaxial cable
	Neater wiring
	Low insertion loss
	Supports broadband Internet and digital cable
	Quicker moves, adds and changes

## Shielded CATV Balun

Part # 500306, 500306-2PK



The Shielded CATV Balun (500306) allows RG6 coaxial cable to be replaced by Cat 5e/6/7 STP or UTP cable in the terrestrial RF environment. Used in pairs, the Shielded CATV Balun allows broadband CATV equipment to be integrated into a structured cabling system thereby allowing CATV equipment to be moved or added to any convenient modular wall outlet. When used with shielded twisted pair cable, the connection supports greater RF amplification and therefore greater distance with less EMI/RFI egress versus the CATV Balun II (500302).

<b>Application</b>	Schools, government, offices, hospitals, financial institutions, hotels and residential complexes.
<b>Key Features</b>	Bandwidth up to 900Mhz including Internet, digital cable
 	Lower EMI /RFI egress when STP is used
	Low insertion loss
	Supports Cat5e/6/7 STP and UTP
	Fits side-by-side on most RF splitters
	Cast aluminum enclosure for maximum EMI/RFI shielding

## CATV Hub





The CATV Hub allows a terrestrial broadband RF video signal to be distributed to multiple RF receivers via Cat5e/6 UTP cable. The CATV Hub is available in two (2) configurations;

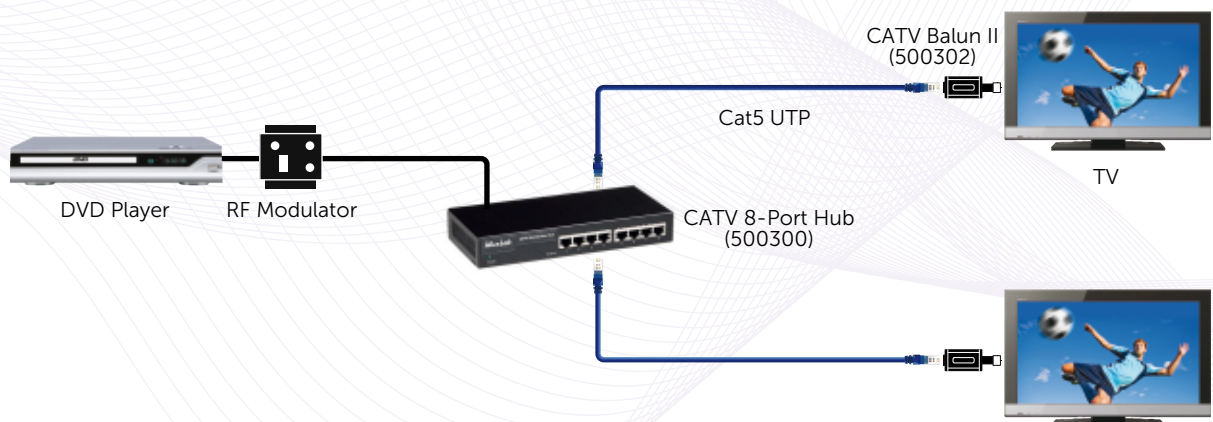
**Eight (8) ports:** 500300/500301

**Sixteen (16) ports:** 500303/500304

The CATV Hub works in conjunction with MuxLab's passive CATV Balun (500302) and other RF video equipment for a more complete cabling solution. The CATV Hub has a 900MHz 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.

<b>Application</b>	Residential, apartment, condominiums, hotels, offices, schools, hospitals, airports, trading floors.
<b>Key Features</b>	900MHz bandwidth
 	Bi-directional transmission
	Compact design
	Cost savings - eliminate costly coaxial cable
	Neater wiring
	Built-in RF amplifier
	Works with other standard RF video equipment
	Centralized cabling for greater control
	Quicker moves, adds and changes

### Typical Application 500300, 500302



# Accessories



Part # 500900

**Rackmount Balun Chassis 16**



Part # 500902

**Rackmount Balun Chassis 6**



Part # 500905

**3 Port Rackmount Transceiver Chassis**



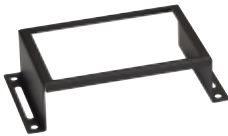
Part # 500910

**Surface Mount Balun Plate**



Part # 500915

**Wall Mount Balun Fixture**



Part # 500916

**Surface Mount Transceiver Plate**



Part # 500917

**Wall Mount Transceiver Bracket Kit**



Part # 500920

**16 Port Rackmount Transceiver Chassis**



Part # 500921

**Blank Filler Plates (4) for 500920**



Part # 500922

**Spare Brackets (4) for 500920**



Part # 500998

**IR Emitter**



Part # 500999

**IR Sensor**



# BROADCAST PART NUMBER Reference Guide

<b>Part #</b>	<b>Description</b>
500072	USB2.0 4-PORT EXTENDER KIT
500300 / 500301 / 500303 / 500304	CATV HUB
500302, 500302-2PK	CATV BALUN II
500306, 500306-2PK	SHIELDED CATV BALUN
500390	DVI/AUDIO EXTENDER KIT
500391	DVI / USB2.0 HDBASET EXTENDER KIT
500457	HDMI/USB2.0 EXTENDER KIT
500463	DVI FIBER OPTIC EXTENDER KIT
500700	3G-SDI EXTENDER KIT
500701, 500701-2PK	HD-SDI BALUN
500702	LONGREACH™ 3G-SDI EXTENDER KIT
500710	3G-SDI FIBER EXTENDER KIT
500712	6G-SDI FIBER EXTENDER KIT
500715	3G-SDI TO HDMI EXTENDER KIT
500716	LONGREACH™ 3G-SDI TO HDMI EXTENDER KIT
500717	3G-SDI TO HDMI EXTENDER KIT
500730	6G-SDI EXTENDER KIT OVER UTP
500732	6G-SDI EXTENDER OVER FIBER OPTIC
500756	THE 3G-SDI / RS232 OVER IP EXTENDER KIT WITH POE
500811	PRO DIGITAL NETWORK CONTROLLER
500900	RACKMOUNT BALUN CHASSIS 16
500902	RACKMOUNT BALUN CHASSIS 6
500905	3 PORT RACKMOUNT TRANSCEIVER CHASSIS
500910	SURFACE MOUNT BALUN PLATE
500915	WALL MOUNT BALUN FIXTURE
500916	SURFACE MOUNT TRANSCEIVER PLATE
500917	WALL MOUNT BALUN FIXTURE
500920	16 PORT RACKMOUNT TRANSCEIVER CHASSIS
500921	BLANK FILLER PLATES (4) FOR 500920
500922	SPARE BRACKETS (4) FOR 500920
500998	IR EMITTER
500999	IR SENSOR

# Extension, Distribution, Management & Control of Broadcast Signals



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Dealer Stamp

