

# 2009 Catalog



**Stretch It.  
Switch It.  
Split It.  
Gefen's Got It.®**

Home Theater • Computer Audio Video • Pro A/V • Cables • Digital Signage





A leader in the high definition digital domain since 1998, Gefen Inc. delivers advanced technologies with products using multi-platform formats for extension, switching, distribution, conversion and wireless capabilities.

Gefen products are utilized all over the world in professional broadcast AV/IT and consumer electronics/home theater environments.

Add-on peripherals maximize functionality and performance by enabling electronic systems to go beyond their original specified capabilities.

Gefen solutions support an array of connectivity interfaces including HDMI, DVI, Dual Link DVI, SDI, M1, MDR, SCART, Component, S-Video, BNC, Mini Stereo, Optical, VGA, RCA, USB, FireWire, DisplayPort, RGBHV, RS-232 and many others.

A selection of high quality short and long distance copper and fiber optic cables are also available.



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**EXTENSION**

Gefen's extenders enable audio/video source signals to be sent up to thousands of feet from the source. Several methods are available including sender/receiver units linked by cabling, repeater and booster technologies paired with high grade cabling, and cable-only solutions.

**SWITCHING**

Gefen's switchers interface multiple audio/video sources to one or more displays. Users switch between sources for unbeatable convenience in system integration. Plug and Play solutions enable you to reap the benefits of an interlinked system without the need for complex networking or additional software.

**DISTRIBUTION**

Gefen's splitters deliver two or more audio/video signals to multiple displays from a single source. This allows standard or high definition video and/or audio to be viewed on multiple displays at once. Gefen supplies a full range of distribution solutions; from a single split to more complex distributions with extension capability.

**CONVERSION**

Gefen's converters link a variety of normally incompatible interfaces and allow analog and digital components to operate with ease in the same system. Some models offer a straight signal conversion while others offer scaling and image refinement capabilities.

**SCALERS**

Gefen's unique line of video scalers help you to achieve a seamless transition between all of today's latest resolution formats to output on your display. Gefen scalers give you a wide range of possibilities such as the ability to use a computer display as an HD monitor, or upscale your HD components and HDMI sources up to 1080p.

**WIRELESS**

Whether you need to transmit video or extend IR signals, Gefen's wireless devices provide unsurpassed versatility and connectivity by including wireless USB 2.0, component A/V as well as for the first time ever - wireless HDMI up to 33 ft.

**CABLING**

Gefen's high quality cables connect components for the best results and performance. Gefen offers a selection of premium cabling ranging from industry-standard Category-5 up to all-fiber bundled cables able to withstand the most intense EMI conditions.

**COMMITMENT TO QUALITY**

Gefen will always offer the finest quality products at the best price. Included in that price is a lifetime of free support from a team of outstanding technical support and sales representatives.

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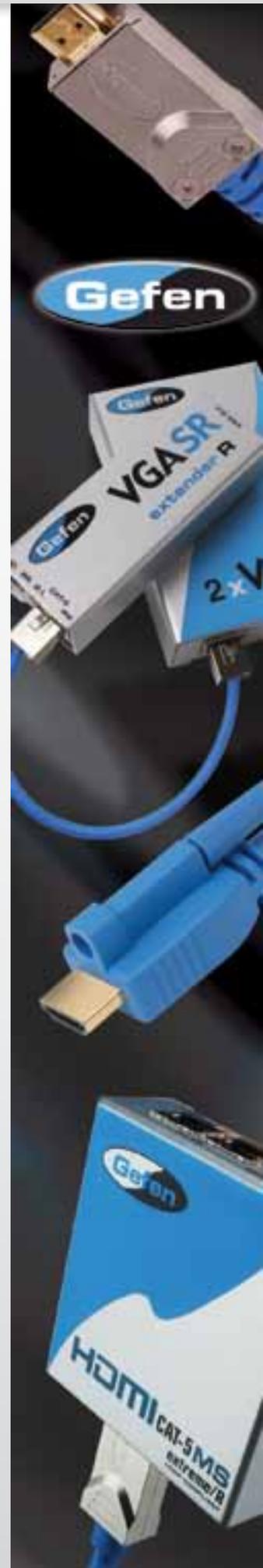
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## 3G-SDI

Serial Digital Interface is an uncompressed digital standard that is transmitted over 75 Ohm coax cable. The 3G variation allows for 3 Gbps bandwidth needed for a 1080p signal.

## Adapter

A device that serves as an interface between the system unit connector and another device that is attached to it. (typically another connector)

## ADC

Apple Display Connector (ADC) is a 35-pin customized DVI connector that integrates digital and analog video, USB, and power.

## Bandwidth

In the digital domain, bandwidth is the data rate measured in bits per second (bps). For example: 1000 million bits per second is 1000 Mbps or 1Gbps.

## CAT-5e

Category 5 cable, commonly known as Cat-5, is an unshielded twisted pair type cable designed for high signal integrity. CAT-5e supports speeds of up to 1000 megabits per second.

## CAT-6a

Backwards compatible with CAT-5e, features more stringent specifications for crosstalk and system noise.

## Component

The output of a video device (such as a DTV set top box) or the input of a DTV receiver or monitor consisting of 3 primary color signals: red, green and blue that together convey all necessary picture information.

## Converter

A device that converts one standard to another.

## DDC

Short form for Display Data Channel: It is a VESA standard for communication between a monitor and a video adapter.

## DDWG

Digital Display Working Group DDWG: The creators of the DVI specification.

## DisplayPort

A royalty free digital display connection standardized by the Video Electronics Standards Association (VESA). Designed to connect a computer and its display monitor, or a computer and a home-theater system.

## Distribution Amplifier

A device that takes one input and amplifies and transmits the video signal to multiple outputs.

## Dolby Digital

This is a digital surround sound technology used in movie theaters and upscale home theater systems that enhances audio.

## DTS

Digital Theater Systems sound: Discrete 5.1 channel surround system that is similar but not the same as Dolby Digital. Dolby Digital is the DTV standard, but DTS competes with it on DVD and in movie theaters.

## Dual Link DVI

DVI (Digital Visual Interface) standard to support resolution up to 3840x2400.

## DVI

Digital Visual Interface: A digital video standard established by the Digital Display Working Group which was designed to carry uncompressed digital video signals to a display. DVI-D is digital only, for both single link and dual link configurations. DVI-I contains both analog and digital, for single and dual link configurations. DVI-A is analog only. Single link supports 1920 x 1200.

## EDID

Extended Display Identification Data: A VESA (Video Electronics Standards Association) standard data structure provided by the monitor or display to the source. Some of the EDID data format includes display monitor ID, model, manufacture date, serial number, max display size, max resolution, and more.

## EDTV

Enhanced Definition Television: Although not considered high-definition (HD), EDTV sets use progressive scan (480p or 576p) which is relatively better quality than SDTV resolution.



# TECHNICAL TERMINOLOGY



## Extender

A device that allows extension of the original standard at a distance away.

## Fiber Optic

Light transmission through optical fibers for communication or signaling.

## FireWire

Serial Bus Interface standard commonly used for computers and digital video. Commonly available as FireWire 400 (400 Mbit/s) and FireWire 800 (3200 Mbit/s). Formerly a standardized connection on Apple computers, also known as i.LINK and IEEE 1394.

## HDCP

High-Bandwidth Digital Content Protection: Created by Intel, HDCP is used with HDTV signals over DVI and HDMI connections and on D-Theater D-VHS recordings to prevent unauthorized duplication of copy written material.

## HDMI

The High-Definition Multi-media Interface (HDMI) is an industry-supported, uncompressed, all-digital audio/video interface.

## HDMI 1.3

HDMI specification version released on June 2006 that features increased single link bandwidth to 340MHz (10.2Gbps), Deep Color billion color support, Dolby TrueHD and DTS-HD Master Audio lossless audio formats, improved lip sync correction, and broader xyYCC color space support (enables 1.8 times as many colors as existing HDTV signals).

## HD-SDI

High Definition Serial Digital Interface: This standard transmits audio and video over a single coaxial cable with a data rate of 1.485 Gbit/s.

## HDTV

High-Definition Television. The high-resolution subset of the DTV system. A 16:9 image with twice the horizontal and vertical resolution of our previous system, accompanied by 5.1 channels of digital audio.

## IEEE 1394a

Cabling technology for transferring data to and from digital devices at high speed. Also known as IEEE 1394.

## IR remote

Wireless transmission using infrared light waves.

## KVM

Short for keyboard, video, and mouse.

## LC

A standard type of optical fiber termination. The small form factor LC connector was originally developed by Lucent Technologies for telco networks.

## LCD

Liquid Crystal Display: A display that consists of two polarizing transparent panels and a liquid crystal surface sandwiched inbetween.

## NTSC

NTSC is the acronym that stands for "National Television Systems Committee" and the name of the current analog transmission standard used in the US.

## PAL

Phase Alternation Line (PAL) is the analog television display standard that is used in Europe and certain other parts of the world.

## Pixel

A single illuminated point on a display.

## PS/2

A port type developed by IBM for the purpose of connecting a keyboard or mouse to a PC.

## Repeater

A device to boost original signals transmitted over long copper cable.

## Resolution

The number of phosphor points or pixels the display can support. A higher resolution results in a much sharper and clearer video image.

## RS-232

Recommended Standard 232: This is the standard for communication through PC serial ports.

## Scaler

A device that takes an input signal at one resolution and scales it to another resolution without degrading the original signal.

## SCART

A 21 pin connector that is used to connect analog audio and video equipment, commonly used in Europe.

## SDTV

Standard Definition Television: SDTV sets receive a broadcast signal resolution of 480 interlaced lines (480i), which is inferior to EDTV (480p) or HDTV (720p, 1080i, and 1080p).

## Sink

An industry term used to describe devices which receive electrical signals and output these signals as video, audio, or both. For example: Computer monitors, HDTV, audio receivers.

## Source

An industry term used to describe devices where the electrical signals are being transmitting from. For example: HD-DVD / Blu-Ray players, video game consoles, MP3 players.

## SMPTE

Society of Motion Picture and Television Engineers. Based in the United States, the association has over 400 standards, Recommended Practices and Engineering Guidelines for television, motion pictures, digital cinema, audio and medical imaging.

## S/PDIF

SPDIF is a digital interface designed to enable digital equipment to transfer digital information with minimal loss. Acronym for Sony/Philips Digital Interconnect Format.

## Splitter

A device that takes one input and splits it to multiple outputs.

## Switcher

A device that takes multiple input sources into one output display.

## TOSLINK

Toshiba Optical Link: Commonly used to refer to optical digital audio cables.

## USB

Universal Serial Bus: An external peripheral interface standard for communication between a computer and external peripherals over a cable using bi-serial transmission.

## UWB (Ultra Wide Band)

A wireless transmission technology engineered for high bandwidth and short distances. The information (data) is modulated / demodulated via pulses in the signal.

## VESA

Video Electronic Standards Association: A consortium of manufacturers formed to establish and maintain industry wide standards for video cards and monitors.

## VGA

Video Graphics Array: A standard for graphics displays, originally implying a resolution of 640x480 pixels, commonly used to describe VESA standard resolutions. Current variations of VGA can resolve up to 1920x1200. The term VGA is commonly used to refer to any analog computer display standard.

## WIRELESS

Any system or device that transmits and receives signals by electromagnetic waves.



# DIGITAL EXTENDERS - HDMI

## EXT-HDMI1.3-1CAT6



**EXTENDER FOR HDMI 1.3 OVER ONE CAT-6**  
 Extends an HDMI signal up to 150 feet (45 meters)  
 over one CAT-6a cable



### FEATURES:

- Extension of HDMI 1.2 up to 150 ft (45 m) using one CAT-6a cable
- Extension of HDMI 1.3 up to 70 ft (20 m) using one CAT-6a cable
- Maximum Resolution: 1080p/60, 12 bit color depth, 1920x1200
- HDMI 1.2 compliant / HDMI 1.3 compatible
- Supports lossless compressed digital audio (Dolby TrueHD, Dolby Digital Plus and DTS - HD Master Audio)
- Supports up to 8 channels of uncompressed audio

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Maximum Resolution: 1080p/60, 12 bit color depth, 1920x1200
- Input DDC Signal: 5 Volts p-p (TTL); Input Video Signal: 1.2 Volts p-p
- HDMI Connector: Type A 19 Pin Female
- Link Connector: (1) RJ-45 Shielded
- Power Supply: 5V DC / Power Consumption: 10 Watts (max)
- Dimensions: 2.1" D x 2" W x 1" H
- Shipping Weight / Unit Weight: 3 lbs. /1 lb

## EXT-HDMI-CAT5-MS



### HDMI CAT-5 MS EXTENDER

Extends an HDMI signal up to 300 feet (90 meters)  
 over two CAT-5e cables



### Features:

- Extends an HDMI signal up to 150 ft (45 m) at 1080p
- Extends an HDMI signal up to 300 ft (100 m) at 1080i /720p
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Digital transmission of audio and video over CAT-5e cable for zero signal loss
- HDMI 1.2 compliant / HDMI 1.3 compatible
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Max. Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI Connector: Type A 19 pin female
- Link Connector: (2) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.25" D x 3.2" W x 1.1" H
- Shipping Weight / Unit Weight: 3 lbs. /1 lb

## EXT-HD-1000



### HD 1000 FOR HDMI 1.3 EXTENDER

Extends an HDMI 1.3 signal up to 330 feet  
 (100 meters) over 4 strands of LC fiber



### FEATURES:

- Extends an HDMI 1.3 signal up to 330 ft (100 m)
- Uses a 4 strand multi mode LC fiber optic cable and one CAT-5e cable
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDMI 1.3 compatible
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920 x 1200
- HDMI Connector: Type A 19 pin female
- Video Link Connector: (4) LC Strands
- DDC Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.4"D x 8.5"W x 2.75"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.

## HDMI OVER RGBS/RGBHV EXTENDER

Extends an HDMI 1.3 signal up to 150 feet (45 meters) over five BNC cables (RGBHV)

EXT-HDMI-5BNC

### Features:

- Extends an HDMI 1.3 signal up to 150 ft (45 m) at 1080p
- Replaces existing RGBHV analog projector installations with HDMI
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Digital transmission of audio and video over the BNC cables for zero signal loss
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 340 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI Connector: Type A 19 pin female
- Link Connector: (5) BNC female
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.9" D x 4.25" W x 1.25" H inches
- Shipping Weight / Unit Weight: 3 lbs. /1 lb



## HDMI CAT-5 IR EXTENDER MS

Extends an HDMI signal up to 300 feet (90 meters) with return IR repeating over two CAT-5e cables

EXT-HDMIIR-CAT5

### Features:

- Extends an HDMI signal up to 150 ft (45 m) at 1080p
- Extends an HDMI signal up to 300 ft (100 m) at 1080i /720p
- Carries IR signals from the viewing environment to the equipment rack
- Small and compact, easy to install
- Improved compensation for cable skew
- A/V signals are sent digitally over CAT-5 cable for zero signal loss
- HDMI 1.2 compliant / HDMI 1.3 compatible
- HDMI/HDCP Compliant

### SPECIFICATIONS:

- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2V p-p
- Input DDC Signal: 5V p-p (TTL)
- HDMI Connector: Type A 19 pin female
- Link Connector: (2) RJ-45 Shielded
- IR blaster jack: 3.5 mm mini-stereo
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.8" D x 4.9" W x 1.25" H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb



## HDMI RS-232 EXTENDER MS

Extends an HDMI and RS-232 signal up to 300 feet (90 meters) with IR repeating over two CAT-5e cables

EXT-HDMI RS232-CAT5

### Features:

- Extends an HDMI signal up to 150 ft (45 m) at 1080p
- Extends an HDMI signal up to 300 ft (100 m) at 1080i /720p
- Improved compensation for cable skew
- Eliminates equipment noise in the viewing environment
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Digital transmission of audio and video over CAT-5e cable for zero signal loss
- HDMI 1.2 compliant / HDMI 1.3 compatible
- HDMI and HDCP compliant
- Serial RS-232 remote port

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Res: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- HDMI Connector: Type A 19 pin female
- Link Connector: (2) RJ-45 shielded
- IR blaster jack: 3.5 mm mini-stereo
- RS-232 Input: DB-9 female
- RS-232 Output: DB-9 male
- IR support: RC5
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.2" D x 4.9" W x 1.25" H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb



# DIGITAL EXTENDERS - HDMI / DVI

EXT-DVI-1500HD



Display



Computer

## DVI 1500HD EXTENDER

Extends a DVI signal up to 1640 feet (500 meters) over four strands of LC fiber optic cable



### FEATURES:

- Extends a DVI signal up to 1640 ft (500 m) or 330 ft (100 m) with HDCP
- Uses a four-strand multimode LC-LC fiber optic cable for video signals
- Uses one CAT-5 cable for DDC and control signals
- Eliminates computer noise where you work
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- Video Link Connector: (4) LC Strands
- DDC Link Connector: (1) RJ-45 Shielded
- Power Supply: 5V DC with locking connector
- Power Consumption: 10 Watts (max)
- Rack mountable: 1U rack space
- Dimensions: 3.1"D x 3.25"W x 1.1"H
- Shipping Weight / Unit Weight: 5 lbs. /1 lb

EXT-DVI-CAT5-MS



Computer



Display

## DVI CAT-5 MS EXTENDER

Extends a DVI signal up to 300 feet (90 meters) over two CAT-5e cables



### Features:

- Extends a DVI signal up to 150 ft at 1920 x 1200/1080p
- Extends a DVI signal up to 300 ft at 1280 x 1024/1080i
- Supports video resolutions up to 1080p, 2K, and 1920 x 1200
- Uses CAT-5e cable for DDC transmission
- Saves space on your desktop
- Improved compensation for cable skew
- Eliminates computer noise where you work
- Supports single link resolutions and HDTV resolutions
- Supports DDWG standard for DVI compliant monitors
- Installs in minutes

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- Link Connector: (2) RJ-45 Shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.1" D x 3.2" W x 1.1" H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

EXT-DVI-1CAT6



Computer



Display

## DVI OVER ONE CAT-6

Extends DVI up to 150 feet (45 meters) over one CAT-6a cable



### FEATURES:

- Extension of single link DVI up to 150 feet (45 m) over one CAT-6a cable
- Maximum Resolution: 1080p/60, 12 bit color depth, 1920x1200
- Maximum Resolution: 1080p/60, 12 bit color depth, 1920x1200
- Compliant with DVI 1.1 standards
- Improved compensation for cable skew

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input DDC Signal: 5 Volts p-p (TTL); Input Video Signal: 1.2 Volts p-p
- DVI Connector: Type A 19 pin female
- Link Connector: (1) RJ-45 Shielded
- Power Supply: 5V DC / Power Consumption: 10 Watts (max)
- Dimensions: 2.1" D x 2" W x 1" H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

## DVI FM EXTENDER PLUS

Extends a DVI signal up to 1650 feet (500 meters) over four strands of LC fiber optic cable



### FEATURES:

- Extends a DVI signal up to 2000 feet (600 m)
- Supports video resolutions up to 1080p, 2K, and 1920 x 1200
- Uses four-strand multimode LC fiber optic cable
- Automatic EDID programming enables quick and correct sync of source and display
- Immune to electromagnetic interference
- Saves space on your desktop and increases productivity
- Eliminates computer noise where you work
- Supports DDWG standard for DVI compliant monitors

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: Type DVI-D 19 pin male
- Link Connector: (4) LC Strands
- Power Supply: 5V DC
- Power Consumption: 2.5 Watts (max.)
- Dimensions: 2.5"D x 1.5"W x 0.5"H
- Shipping Weight / Unit Weight: 1 lb /1 lb



## DVI FM 1000 EXTENDER

Extends a DVI signal up to 3280 feet (1 km) over one strand of multimode SC fiber optic cable

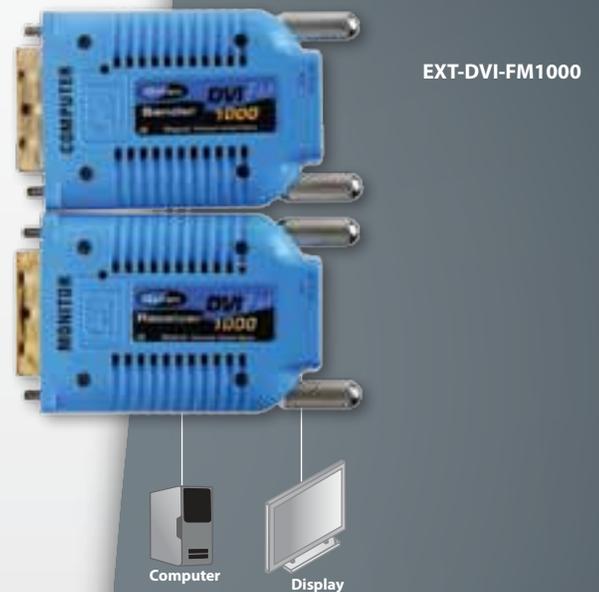


### FEATURES:

- Extends a DVI signal up to 3,280 ft (1 km)
- Supports video resolutions up to 1080p, 2K, and 1920 x 1200
- Uses inexpensive and widely available single-strand multimode SC fiber optic cable
- Automatic EDID programming enables quick and correct sync of source and display
- Eliminates computer noise where you work
- Supports DDWG standard for DVI compliant monitors

### SPECIFICATIONS :

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: WUXGA (1920x1200)
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-D 19 pin male
- Video Link Connector: (1) SC Strand
- Power Supply: 5V DC
- Power Consumption: 2.5 Watts (max)
- Dimensions: 2.2"D x 1.5"W x 0.5"H
- Shipping Weight / Unit Weight: 1 lb /1 lb



## DVI FM 500 EXTENDER

Extends a DVI signal up to 5,000 feet (1500 meters) over two strands of fiber optic cable

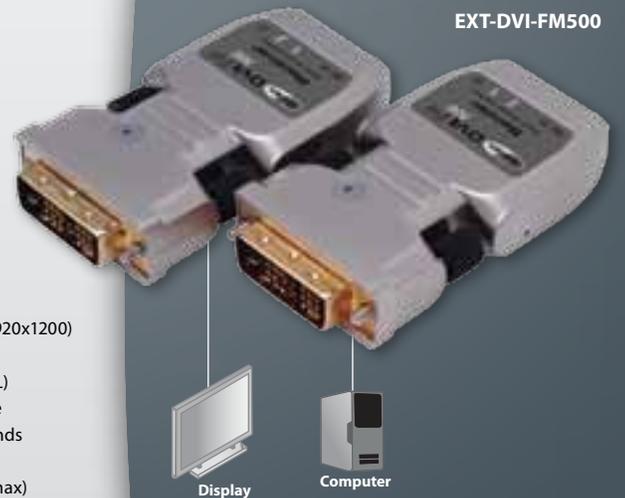


### FEATURES:

- Extends a DVI signal up to up to 5,000 ft (1500 m) of singlemode fiber
- Extends a DVI signal up to (1920x1200) up to 1500 ft (450 m) of multimode fiber
- Supports video resolutions up to 1080p, 2K, and 1920 x 1200
- Immune to electromagnetic interference
- Automatic EDID programming enables quick and correct sync of source and display
- Compact sender and receiver units install in minutes
- Supports single and multimode fiber optic cable types

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: WUXGA (1920x1200)
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-D 19 pin male
- Video Link Connector: (2) LC Strands
- Power Supply: 5V DC
- Power Consumption: 2.5 Watts (max)
- Dimensions: 2.5"D x 1.5"W x 0.5"H
- Shipping Weight / Unit Weight: 1 lb /1 lb



# DIGITAL EXTENDERS - DVI

EXT-DVI-FO-141



## DVI RS-232 OVER FIBER EXTENDER

Extends a single link DVI and RS-232 signals up to 1640 feet (500 meters) over one strand of SC fiber optic cable

### FEATURES:

- Extends a DVI and RS-232 signal up to 300 ft (90 meters)
- Perfect for digital signage applications
- Video is transmitted digitally over fiber optic cable for zero signal loss
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI monitors



### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connectors: DVI-I 29 pin female
- RS-232 Input Connector: DB-9 female
- RS-232 Output Connector: DB-9 male
- Conforms to RS-232C Standards
- Link Connector: (2) LC Strands
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.25"D x 4.6"W x 1.1"H
- Shipping Weight / Unit Weight: 5 lbs. /1 lb

EXT-DVIRS232-CAT5N



## DVI RS-232 EXTENDER

Extends DVI and RS-232 signals up to 300 feet (90 meters) over two CAT-5e cables

### FEATURES:

- Extends an DVI and RS-232 signal up to 150 ft (45 m) at 1080p
- Extends an DVI and RS-232 signal up to 300 ft (100 m) at 1080i /720p
- Digital transmission of audio and video over CAT-5e cable for zero signal loss
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant



### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- RS-232 Input Connector: DB-9 female
- RS-232 Output Connector: DB-9 male
- Conforms to RS-232C standards
- Link Connectors: (2) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.2" D x 4.6" W x 1.25" H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

EXT-DVI-AUDIO-CAT5



## DVI AUDIO EXTENDER

Extends a DVI signal and digital or analog audio up to 200 feet (60 meters) over two CAT-5e cables

### FEATURES:

- Extends a DVI signal and audio up to 150 ft at 1920 x 1200/1080p
- Extends a DVI signal and audio up to 200 ft at 1280 x 1024/1080i
- Digital 5.1 (DTS, Dolby Digital, etc.) extension
- Digital transmission of audio and video over CAT-5e cable for zero signal loss
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- HDCP compliant



### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- Digital Audio Connectors: S/PDIF (digital coax), TOSLINK (digital optical)
- Analog Audio Connectors: RCA left and right
- Link Connectors: (2) RJ-45 Shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.3"D x 5.5"W x 1"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

## DVI 1600HD FIBER EXTENDER

Extends DVI, RS-232, and digital or analog audio up to 1.25 miles (2000 meters) over four strands of LC fiber optic cables

### FEATURES:

- Extends a DVI, RS-232 signal and audio up to 1.25 miles (2000 meters) or 650 ft (200 m) with HDCP
- Uses a two-strand multimode LC-LC fiber optic cable for video signals
- Eliminates computer noise where you work
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI monitors
- HDCP compliant up to 650 ft. (200 m)

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: WUXGA (1920x1200)
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- RS-232 Input Connector: DB-9 female
- RS-232 Output Connector: DB-9 male
- Video Link Connector: (4) LC Strands
- Digital Audio Connectors: S/PDIF (digital coax), TOSLINK (digital optical)
- Analog Audio Connectors: RCA left and right
- Power Supply: 12V DC with locking connector
- Power Consumption: 8.2 Watts (max)
- Dimensions: 3.1"D x 10.25"W x 1.25"D
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.



EXT-DVI-1600HD



## DVI 2500HD FIBER EXTENDER

Extends a dual link DVI signal up to 6600 feet (2 km) over 4 strands of LC fiber optic cables

### FEATURES:

- Extends a dual link DVI signal up to 6,600 feet (2 km) from the computer
- Uses a 4 strand multimode LC-LC fiber optic cable
- Optionally use one CAT-5e cable for DDC and control signals
- Supports HDTV resolutions such as 720p and 1080p
- Supports up to 2560x1600 resolution at 60Hz refresh rate.
- Supports DDWG standards for DVI compliant monitors
- Supports Virtual DDC and DDC2B protocols

### SPECIFICATIONS:

- Maximum Pixel Clock: 2 x 165 MHz
- Maximum Resolution: 2560x1600
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-D DL 25 pin female
- Video Link Connector: (4) LC Strands
- DDC Link Connector: (1) RJ-45 Shielded
- Power Supply: 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 4.4"D x 8.4"W x 1.1"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.



EXT-DVI-2500HD



## DVI 3500HD FIBER EXTENDER

Extends any DVI, USB and RS-232 source up to 6600 feet (2 km) over four strands of LC fiber optic cables.

### FEATURES:

- Extends a DVI signal up to (1920x1200) up to 6,600 ft (2000 m) of singlemode fiber
- Extends a DVI signal up to (1920x1200) up to 1600 ft (500 m) of multimode fiber
- Supports HDTV resolutions such as 720p and 1080p
- Supports up to 1920x1200 resolution at 60Hz refresh rate.
- Supports DDWG standards for DVI compliant monitors
- Supports Virtual DDC and DDC2B protocols

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: WUXGA (1920x1200)
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- Video Link Connector: (4) LC Strands
- DDC Link Connector: (1) RJ-45 Shielded
- Power Supply: 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 5.2"D x 12.5"W x 1.75"H
- Shipping Weight / Unit Weight: 8 lbs. /3 lbs.



EXT-DVI-3500HD



RS-232

# DIGITAL EXTENDERS - DVI

EXT-CAT5-4000



## CAT-5 4000HD EXTENDER

Extends 3 sources of VGA or DVI-D video, up to 4 RS-232 controller connections and 1 analog L/R audio



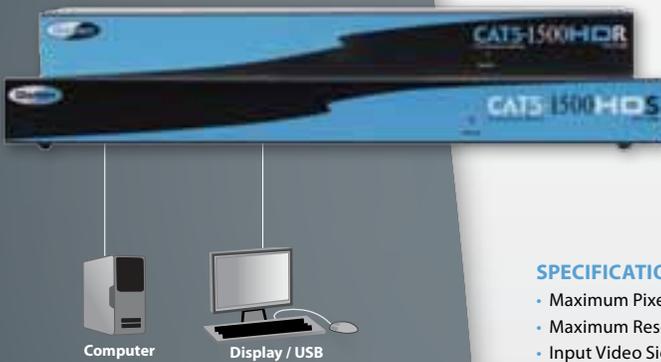
### FEATURES:

- Extends VGA up to 330 feet (100m) with RS-232 and analog L/R audio up to 1920 X 1200
- Extends DVI up to 130 feet (40m) with RS-232 up to 2048 X 1536
- DVI Video EQ enhancement controls (brightness, sharpness)
- LED status Indicators
- Uses industry-standard CAT-5/CAT-6 cable

### SPECIFICATIONS

- VGA Video Input / Output Connectors: DVI-I 29-pin female (DVI-A analog portion)
- VGA Video Frequency Ranges: 15-70 KHz Horizontal, 30-75 Hz Vertical
- DVI Video Input / Output Connectors: DVI-I 29-pin female (DVI-D digital portion)
- DVI Extension length over CAT5e: 130 feet (40m) at 1080p@150 MHz
- DVI DDC signal: 5Vpp TTL
- Power Supply: 5V DC / Power Consumption: 3.5A Sender, 0.9A Receiver
- RS-232: Supports RX, TX, RTS protocols; Max. baud rate: 115200kbps
- Audio Frequency response: 20 Hz to 20 kHz, +/-1 dB; THD: 0.1%
- Audio In: 3.5mm female mini-phone jack, stereo
- Audio Out: 2 x RCA (L/R red/white)
- Audio extension over CAT5e: 330 feet (100m)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions(S): 5.4"D x 17.1"W x 1.6"H
- Dimensions(R): 4.2"D x 8.4"W x 1.6"H
- Shipping Weight / Unit Weight: 8 lbs. /3 lbs.

EXT-CAT5-1500HD



## CAT-5 1500HD EXTENDER

Extends one single link DVI and USB 1.1 signal up to 200 feet (60 meters) away over two CAT-5e cables



### FEATURES:

- Extends any DVI compliant device up to 150 feet (45 meters) from the computer at 1920 x 1200
- Extends any DVI compliant device up to 200 feet (60 meters) from the computer at 1280 x 1024
- Extends USB 1.1 compliant devices up to 200 feet
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Rack-mountable
- HDCP compliant

### SPECIFICATIONS

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- USB Input Connector(1): Type B
- USB Input Connector(2): Type A
- Link Connectors(2): RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions(S): 4.25"D x 17.2"W x 4.38"H x 1.75"
- Dimensions(R): 4.25"D x 15.2"W x 4.38"H x 1.75"
- Shipping Weight / Unit Weight: 7 lbs. /3 lbs.

EXT-CAT5-5500HD



## CAT-5 5500HD EXTENDER

Extends one single link DVI and USB 1.1 signal up to 200 feet (60 meters) away over four CAT-5e cables



### FEATURES:

- Extends any DVI compliant device up to 150 feet (45 meters) from the computer at 1920 x 1200
- Extends any DVI compliant device up to 200 feet (60 meters) from the computer at 1280 x 1024
- Extends USB 1.1 compliant devices up to 200 feet
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Rack-mountable
- HDCP compliant

### SPECIFICATIONS

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I 29 pin female
- USB Input Connector(1): Type B
- USB Input Connector(2): Type A
- Link Connectors: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions(S): 4.25"D x 17.2"W x 4.38"H x 1.75"
- Dimensions(R): 4.25"D x 15.2"W x 4.38"H x 1.75"
- Shipping Weight / Unit Weight: 8 lbs. /3 lbs.

## CAT-5 7500HD EXTENDER

Extends two DVI, USB, PS/2, RS-232 and audio signal up to 200 feet (60 meters) away over 6 CAT-5e cables

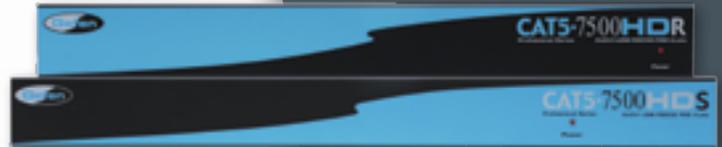
### FEATURES:

- Extends any DVI compliant device up to 150 feet (45 meters) from the computer at 1920 x 1200
- Extends any DVI compliant device up to 200 feet (60 meters) from the computer at 1280 x 1024
- Extends USB 1.1, PS/2, RS-232, and audio devices up to 200 feet from the computer
- Uses CAT-5e cable for DDC and control signals
- Video is transmitted digitally for zero signal loss over CAT-5e cable
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Rack-mountable
- HDCP compliant

### SPECIFICATIONS:

- Max. Pixel Clock: 165 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: DVI-I (29 pin) female (digital)
- Link Connectors: RJ-45 shielded
- PS/2 Connector: 6 Pin Mini-DIN
- Audio Connector: Mini stereo 3.5 mm jack
- USB Input Connector(1): Type B
- USB Input Connector(2): Type A
- RS-232 Input: DB-9 female
- RS-232 Output: DB-9 male
- Power Supply: 5V DC (external)
- Power Consumption: 20 Watts (max)
- Dimensions(S): 4.25"D x 17.2"W x 4.38"H x 1.75"
- Dimensions(R): 4.25"D x 15.2"W x 4.38"H x 1.75"
- Shipping Weight / Unit Weight: 8 lbs. /3 lbs.

EXT-CAT5-7500HD



## CAT-5 9500HD EXTENDER

Extends one DVI, USB, PS/2, RS-232 and audio signal up to 200 feet (60 meters) over 4 CAT-5e cables

### FEATURES:

- Extends any DVI compliant device up to 150 feet from the computer at 1920x1200
- Extends any DVI compliant device up to 200 feet from the computer at 1280 x 1024
- Extends USB 1.1, PS/2, RS-232, and audio devices up to 200 feet from the computer
- Uses CAT-5e cable for DDC and control signals
- Video is transmitted digitally for zero signal loss over CAT-5e cables
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Supports DDWG standard for DVI compliant monitors
- Rack-mountable
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- DVI Connectors: DVI-I (29 pin) female (digital only)
- Link Connector: RJ-45 shielded
- PS/2 Connector: 6 pin Mini-DIN
- Audio Connector: Mini stereo 3.5 mm jack
- USB Input Connector(1): Type B
- USB Input Connector(2): Type A
- RS-232 Input: DB-9 female
- RS-232 Output: DB-9 male
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions(S): 4.25"D x 17.2"W x 4.38"H x 1.75"
- Dimensions(R): 4.25"D x 15.2"W x 4.38"H x 1.75"
- Shipping Weight / Unit Weight: 8 lbs. /3 lbs.



EXT-CAT5-9500HD



EXT-FW- 1394BP



## FIREWIRE 800 EXTENDER PLUS

Extends FireWire 1394a & b devices up to 1640 feet (500 meters) using fiber optic cable.



### FEATURES:

- Extends FireWire devices up to 1640 feet (500 meters)
- Transfer rates of 100/200/400/800 Mbps
- Compliant with IEEE 1394.a & b
- Allows remote devices to operate in real-time, connected to the source
- Works with Apple and PC computers
- Uses fiber optics to ensure long distance performance
- Daisy-chainable multiple receivers (fiber in, fiber out to go to the next receiver) \*

### SPECIFICATIONS :

- Link Connector: LC
- Data rates: S100 (122.44 Mbps), S200 (245.76 Mbps), S400 (491.52 Mbps), S800 (983.04 Mbps)
- Power Supply: External 12V DC
- Power Consumption: 36 Watts (max)
- Dimensions: 3.89"D x 04"W x .9"H
- Shipping Weight / Unit Weight: 3 lbs. /1 lb

\* **ADDITIONAL RECEIVERS EXT-FW-1394BP**

FW-141



## FIREWIRE 400 REPEATER

Extends a FireWire 400 signal up to 33 feet (76 meters) using extension cables



### FEATURES:

- Daisy chain FireWire Repeaters to reach up to 250 ft. (76 m)
- Transfer rates of 100/200/400 Mbps
- Compliant with IEEE 1394a
- Compact size
- Shielded case
- Works with Apple and PC computers
- Self powered when using 6 pin bus

### SPECIFICATIONS :

- Data rates: S100 (122.44 Mbps), S200 (245.76 Mbps), S400 (491.52 Mbps)
- Power Supply: 12 - 30V DC (not included)
- Dimensions: 2.2"D x 2.7"W x .7"H
- Shipping Weight / Unit Weight: 1 lb /1 lb

[See FireWire Cables on page 54](#)

FW-142



## FIREWIRE 800 REPEATER

Extends a FireWire 800 signal up to 33 feet (10 meters) using extension cables



### FEATURES:

- Daisy Chain FireWire Repeaters to reach up to 250 ft. (70 m)
- Transfer rates of 100/200/400/800 Mbps
- Compliant with IEEE 1394.a & b
- Compact size
- Shielded case
- Works with Apple and PC computers
- Self powered when using 9 pin bus

### SPECIFICATIONS :

- Data rates: S100 (122.44 Mbps), S200 (245.76 Mbps), S400 (491.52 Mbps), S800 (983.04 Mbps)
- Power Supply: 12 - 30V DC (not included)
- Dimensions: 2.2"D x 2.7"W x .7"H
- Shipping Weight / Unit Weight: 1 lb /1 lb

## DVI SUPER BOOSTER PLUS

Allows the use of long single link DVI cables up to 200 feet (60 meters) without signal loss

### FEATURES:

- Corrects digital video sent over long distances of DVI cable
- Supports resolutions up to 1920 x 1200, 1080p/60
- Supports DDWG standards for DVI compliant monitors
- HDCP pass-through

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: up to 1920x1200, 2K, 1080p
- DVI Connector: DVI-I 29 pin female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2"D x 2.2"W x .7"H
- Shipping Weight / Unit Weight: 1 lb / 1 lb



## DVI DUAL LINK SUPER BOOSTER PLUS

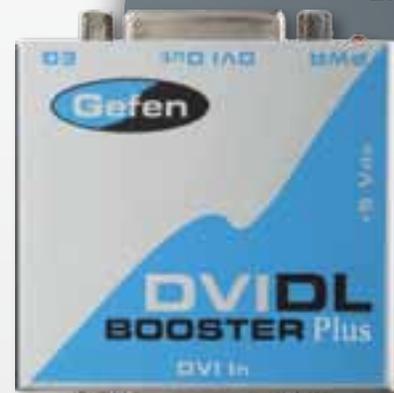
Allows the use of long dual link DVI cables up to 200 feet (60 meters) without signal loss

### FEATURES:

- Maintains DVI dual link signal sent over long distance of dual link DVI cable
- Extends DVI displays up to 200 feet away from the source
- Supports resolutions up to 3840 x 2400
- Supports DDWG standards for DVI compliant monitors
- HDCP compliant
- Enhances DDC handling for DDC line performance
- Auto-EQ mode for hands-off, plug & play operation

### SPECIFICATIONS:

- Max. Pixel Clock: 2 x 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Dual Link Range: 3840 x 2400
- DVI Connector: DVI-I (29 pin) female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2"D x 2.1"W x .7"H
- Shipping Weight / Unit Weight: 1 lb / 1 lb



## HDMI SUPER BOOSTER PLUS

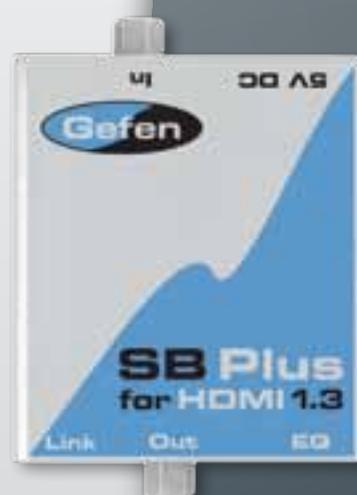
Allows the use of long HDMI cables up to 200 feet (60 meters) without signal loss

### Features:

- Perfects digital video sent over long stretches of HDMI cables
- Extends HDMI displays away from the HDTV source
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDMI 1.3 and HDCP compliant
- Enhances DDC signals for longer extension
- Auto-EQ mode for hands-off, plug & play operation

### SPECIFICATIONS :

- Max. Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum resolution: 1080p/1920 x 1200
- HDMI Connector: Type A 19 pin female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.7"D x 1.5"W x 1.1"H
- Shipping Weight / Unit Weight: 1 lb / 1 lb



# USB EXTENDERS

## EXT-USB-200



### USB 200 EXTENDER (USB 1.1)

Extends any USB 1.1 signal up to 330 feet (100 meters) with built-in 2 port hub over one CAT-5e cable



#### FEATURES:

- Operate USB 1.1 peripherals up to 300ft (100m) away from a computer
- CAT-5e cable used for extension
- Integrated 2-port hub at the receiving end
- Plug and play - installs in minutes
- Supports all major operating systems - Windows, MacOS and Linux
- No power supply required at the receiving end
- Supports full 12 Mbps USB standard bandwidth

#### SPECIFICATIONS :

- USB device support: Full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connector: (1) Type B
- USB Output Connectors: (2) Type A
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 1.2" W x 1.2"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb

## EXT-USB-400FO



### USB 400 FO EXTENDER (USB 2.0)

Extends any USB 2.0 signal up to 1640 feet (500 meters) with built-in 4 port hub over 2-strand LC fiber optic cables



#### FEATURES:

- Operate USB 2.0 peripherals up to 1640ft (500m) away from a computer
- Integrated 4-port hub at the receiving end
- Provides support for both low-speed and high-speed USB devices
- Fully compliant with USB 2.0 specification as certified by the USB Implementer's Forum
- Supports all major operating systems - Windows, MacOS and Linux.
- Uses 2-strands of multimode LC terminated fiber optic cables.

#### SPECIFICATIONS :

- USB device support: 480Mbps
- USB Input Connectors: (1) Type B
- USB Output Connectors: (4) Type A
- Link Connector: (2) LC Strand
- Power Supply: 5V DC
- Power Consumption: 15 Watts (max)
- Dimensions(S): 3.2"D x 4.2" W x 1.2"H
- Dimensions(R): 4.2"D x 4.5" W x 1.2"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

## EXT-USB2.0-LR



### USB 2.0 LR EXTENDER

Extends any USB 2.0 signal up to 330 feet (100 meters) away over one CAT-5e cable



#### FEATURES:

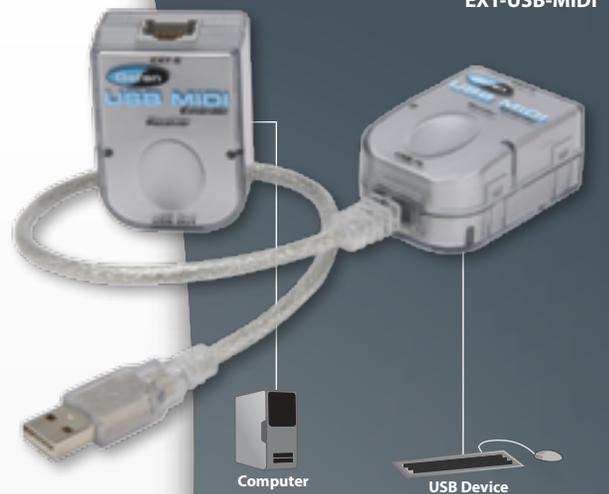
- Operate USB 2.0 peripherals up to 330ft (100m) away from a computer
- Supports low and high-speed USB standards
- Uses industry-standard CAT-5, CAT-5e or CAT-6 cable
- Supports all major operating systems - Windows, MacOS and Linux.
- True plug-and-play, 100% hardware solution with no drivers required
- Operates at full 480 Mbps speed when running in USB 2.0 mode
- Receiver supports up to 2 USB powered connections at 500 mA each

#### SPECIFICATIONS :

- USB 2.0 Speed: 480 Mbps
- Link Connectors: (1) RJ-45 Shielded
- USB Connectors: Transmitter: (1) USB type B
- USB Connectors: Receiver: (2) USB type A
- Two 500 mA DC powered USB ports at Receiver
- Operating Temperature: 0-70° C
- Power Consumption: 10 Watts (max)
- Power Supply: External 5V DC
- Dimensions: 1.5"D x 3.4" W x 1.1"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb

## USB MIDI EXTENDER (USB 1.1)

Extends any USB 1.1 signal up to 150 feet (45 meters) away from the computer over one CAT-5e cable



### FEATURES:

- Extends any USB device up to 150 ft (45m) using CAT-5e cable
- Requires no external power adapter
- Provides support for any full-speed 12 Mbps or low-speed 1.5Mbps USB device
- Use either PC or Mac with USB keyboard/ mouse
- Low Latency is ideal for USB MIDI interface devices

### SPECIFICATIONS :

- USB device support: full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connectors: (1) Type A
- USB Output Connector: (1) Type A
- Link Connector: (1) RJ-45
- Dimensions: 1.5"D x 2" W x 1"H
- Shipping Weight / Unit Weight: 1 lb /1 lb

## MINI USB-2 EXTENDER (USB 1.1)\*

Extends any USB 1.1 signal up to 150 feet (45 meters) with built-in 2 port hub over one CAT-5e cable



### FEATURES:

- Extends any USB 1.1 device up to 150 feet (45 meters) using one CAT-5e cable
- Requires no external power adapter
- Integrated 2-port hub at the receiving end
- Provides support for any full-speed 12 Mbps or low-speed 1.5Mbps USB device
- Supports all major operating systems - Windows, MacOS and Linux.

### SPECIFICATIONS :

- USB device support: full-speed 12 Mbps Low-speed 1.5 Mbps
- USB Input Connectors: (1) Type B
- USB Output Connectors: (2) Type A
- Link Connector: (1) RJ-45 shielded
- Dimensions: 2.7"D x 3.8" W x 1.2"H
- Shipping Weight / Unit Weight: 1 lb /1 lb

\* Mini USB-1 Extender (1 output port) SKU# EXT-USB-MINI

## WIRELESS USB EXTENDER (USB 2.0)

Wirelessly extends any USB 2.0 signal up to 100 feet (33 meters) away



### FEATURES:

- Extends any USB 2.0 device up to 100 feet (33 meters away) from the computer
- Operate USB 2.0 peripherals away from the computer without the hassle of wires
- Integrated 4-port hub at the receiving end
- Uses the 802.11g specification
- Saves space on your desktop
- Supports both low and hi-speed USB peripherals (1.0 and 2.0)
- Maximum data transfer rate of 54 Mbps

### SPECIFICATIONS:

- USB Speed: 54 Mbps
- USB Input Connectors: (1) Type B
- USB Output Connectors: (4) Type A
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 2.7"D x 4.4" W x 1"H
- Shipping Weight / Unit Weight: 2 lbs. / 1 lb

## USB TO VGA ADAPTER

Connect an additional VGA monitor to a computer using USB



EXT-USB-2-VGA



### FEATURES:

- Resolutions up to 1280x1024 supported
- Up to six adapters are supported on a single computer
- Hot-swap USB connectivity; installs in seconds
- Small, very light and extremely portable (shirt-pocket portability)
- Compatible with Windows and Intel-based Apple systems
- No external power supply needed
- Shipping Weight / Unit Weight: 1 lb/1 lb
- Dimensions: 2.3"D x 3.4" W x .7"H

### HARDWARE REQUIREMENTS:

- PC with 1.2 GHz or higher processor clock speed required
- Intel Pentium/Celeron family, or AMD K6/Athlon/Duron family, or compatible processor recommended
- 512 Megabytes (MB) of RAM
- At least one USB 2.0 port
- 12MB of available disk space
- Super VGA (800 x 600) or higher- resolution video adapter and monitor
- CD-ROM or DVD drive

## USB TO DVI ADAPTER

Connect an additional DVI monitor to a computer using USB



EXT-USB-2-DVI



### FEATURES:

- Resolutions up to 1600x1200 supported
- Up to six adapters are supported on a single computer
- Hot-swap USB connectivity; installs in seconds
- Small, very light and extremely portable (shirt-pocket portability)
- Compatible with Windows and Intel-based Apple systems
- No external power supply needed
- Shipping Weight / Unit Weight: 1 lb/1 lb
- Dimensions: 2.3"D x 3.4" W x .7"H

### HARDWARE REQUIREMENTS:

- PC with 1.2 GHz or higher processor clock speed required
- Intel Pentium/Celeron family, or AMD K6/Athlon/Duron family, or compatible processor recommended
- 512 Megabytes (MB) of RAM
- At least one USB 2.0 port
- 12MB of available disk space
- Super VGA (800 x 600) or higher- resolution video adapter and monitor
- CD-ROM or DVD drive



## RS-232 EXTENDER

Extends any RS-232 signal up to 1000 feet (300 meters) over one CAT-5e cable



EXT-RS232

### FEATURES:

- Extends any RS-232 compliant device up to 1000 feet (300 meters) from the computer
- Extends all 9 pins for full RS-232 compatibility
- Uses one CAT-5e cable for extension
- Perfect for digital signage applications

### SPECIFICATIONS:

- RS-232 Input Connector: (1) DB-9 female
- RS-232 Output Connector: (1) DB-9 male
- Link Connector: (1) RJ-45 shielded
- Conforms to RS-232C standards
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.3"D x 3.7" W x .8"H
- Shipping Weight / Unit Weight: 1 lb/1 lb

## DIGITAL AUDIO EXTENDER

Extends any S/PDIF or TOSLINK digital audio signal up to 330 feet (100 meters) over one CAT-5e cable

### FEATURES:

- Extends any S/PDIF and TOSLINK digital audio signal up to 330 feet (100 meters) from the source
- Supports up to 2-channels of LPCM audio (up to 96 kHz)
- Supports digital bitstream protocols such as DTS and Dolby Digital
- Streamlines audio installations by allowing source devices to be located off-site
- One CAT-5e cable used for extension
- S/PDIF and TOSLINK outputs are active regardless of the input type

### SPECIFICATIONS :

- Data Transmission Rate: 12.8 Mbps
- Input: (1) Coaxial (S/PDIF) and (1) Optical (TOSLINK)
- Output: (1) Coaxial (S/PDIF) and (1) Optical (TOSLINK)
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.4"D x 3.8" W x 1.2"H
- Shipping Weight / Unit Weight: 1 lb/1 lb



EXT-DIGAUD-141



## AUDIO EXTENDER

Extends analog audio and microphone input up to 1000 feet (300 meters) away from a computer over one CAT-5e cable.

### FEATURES:

- Extends any unbalanced line level analog audio device up to 1000 feet (300 meters) from the source to the receiver
- Extends any unbalanced line level analog audio device up to 1000 feet (300 meters) from the receiver to the source
- One CAT-5e cable used for extension
- Bi-directional transmission for speaker and microphone connections

### SPECIFICATIONS:

- Sample Rate: 5 kHz (min) - 48 kHz (max)
- Frequency Response: 20Hz - 20kHz
- Audio Connectors: 3.5mm mini-stereo jack
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.3"D x 3.7" W x .8"H
- Shipping Weight / Unit Weight: 1 lb/1 lb



EXT-AUD-1000



EXT-PS2-100



## PS/2 EXTENDER

Extends any PS/2 keyboard and mouse signal up to 1000 feet (300 meters) over one CAT-5e cable.

### FEATURES:

- Extends PS/2 computer mouse and keyboard
- Lag-free operation from remote location
- Power to the receiver is supplied over the CAT-5e cable
- 1000 feet (300 meters) extension using CAT-5e cable



### SPECIFICATIONS:

- PS/2 Input Connectors: (2) Mini-DIN 6 pin
- PS/2 Output Connectors: (2) Mini-DIN 6 pin
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.4"D x 3.7" W x .8"H
- Shipping Weight / Unit Weight: 1 lb / 1 lb

EXT-VGA-141LR



## VGA EXTENDER LR

Extends any VGA signal up to 330 feet (100 meters) over one CAT-5e cable

### FEATURES:

- Extends any VGA or high definition component display up to 330 feet (100 meters)
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200



### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15-70 KHz
- Vertical Frequency Range: 30 - 170 Hz
- Video In: (1) HD-15 male
- Video Out: (1) HD-15 female
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.4"D x 3.7" W x .8"H
- Shipping Weight / Unit Weight: 2 lbs. / 1 lb

EXT-VGA-141SRN



## VGA EXTENDER SR

Extends any VGA signal up to 150 feet (45 meters) over one CAT-5e cable

### FEATURES:

- Extends any VGA or high definition component display up to 150 feet (45 meters)
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200



### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15-70 KHz
- Vertical Frequency Range: 30 - 170 Hz
- Video In: (1) HD-15 male
- Video Out: (1) HD-15 female
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 1.4"D x 3.7" W x .8"H
- Shipping Weight / Unit Weight: 1 lbs. / 2 lb

## COMPONENT VIDEO EXTENDER

Extends any component video signal up to 1000 feet (300 meters) over one CAT-5e cable



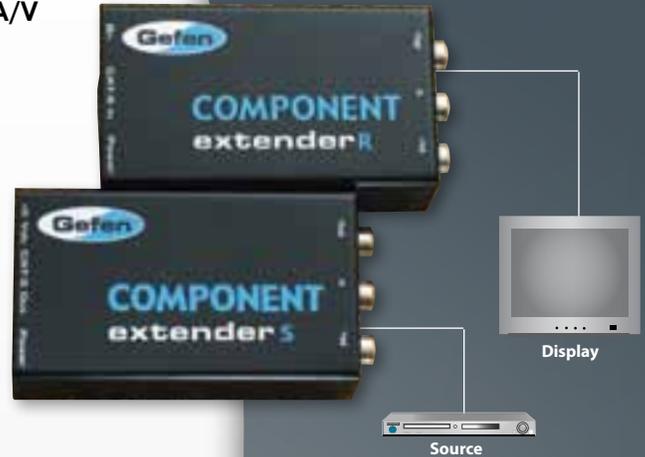
EXT-COMP-141

### FEATURES:

- Supports resolutions up to 1080p
- Power required only on transmitter; receiver power is supplied over the CAT-5e cable
- Plug & play installation
- Equalization adjustment for different CAT-5 skews
- One CAT-5e cable for extension
- No loss of quality

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: (3) RCA Component
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2"D x 3.5" W x 1.2"H
- Shipping Weight / Unit Weight: 2 lbs. / 1 lb



## COMPOSITE VIDEO WITH AUDIO EXTENDER

Extends any composite video signal with stereo audio up to 1000 feet (300 meters) over one CAT-5e cable



EXT-COMPOSITE-141

### FEATURES:

- Supports resolutions up to 480i composite video
- Supports analog left and right audio
- Power required only on transmitter; receiver power is supplied over the CAT-5e cable
- Plug & play installation
- One CAT-5e cable for extension
- No loss of quality

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: (1) RCA Composite
- Audio In/Out: (2) RCA L+R Audio
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2"D x 3.5" W x 1.2"H
- Shipping Weight / Unit Weight: 2 lbs. / 1 lb



## COMPONENT VIDEO WITH AUDIO EXTENDER

Extends any component video signal with stereo/digital audio up to 1000 feet (300 meters) over one CAT-5e cable



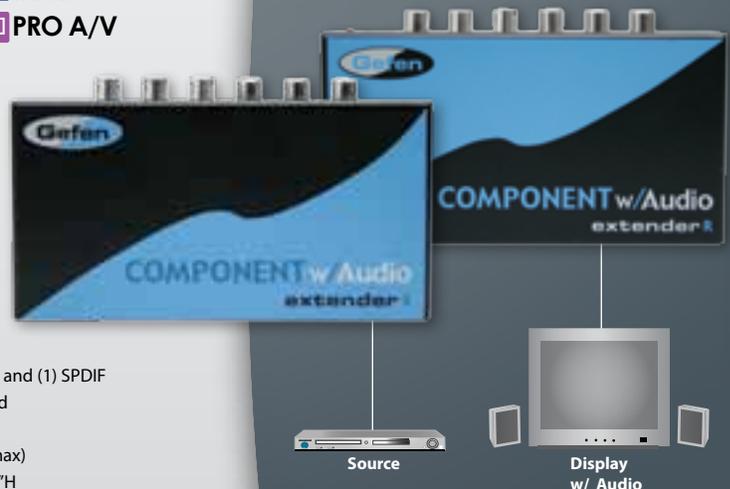
EXT-COMPAUD-141

### FEATURES:

- Supports resolutions up to 1080p
- Supports analog left and right audio
- Supports digital TOSLINK and S/PDIF
- Plug & play installation
- Equalizations for different CAT-5e skews
- One CAT-5e cable for extension
- No loss of quality

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In/Out: (3) RCA Component
- Analog Audio In/Out: (2) RCA L+R Audio
- Digital Audio In/Out: (1) TOSLINK and (1) SPDIF
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 2.7"D x 5.2" W x 1.2"H
- Shipping Weight / Unit Weight: 3 lbs. / 1 lb



# ANALOG EXTENDERS

EXT-VGARS232-141



## VGA RS-232 EXTENDER

Extends any VGA and RS-232 signal up to 330 feet (100 meters) over one CAT-5e cable



### FEATURES:

- Extends any VGA and RS-232C signal up to 330 feet (100 meters)
- Trim pot and DIP switch adjustments for video equalization
- Perfect for digital signage applications
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p / Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (1) HD-15 male
- Video out: (1) HD-15 female
- RS-232 Input Connector: (1) DB-9 female
- RS-232 Output Connector: (1) DB-9 male
- Link Connector: (1) RJ-45 shielded
- Conforms to RS-232C standards
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 3"D x 4" W x 1.2"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

EXT-VGA-AUDIO-141



## VGA AUDIO EXTENDER

Extends any VGA signal with analog audio up to 330 feet (100 meters) over one CAT-5e cable



### FEATURES:

- Extends any VGA signal with analog audio up to 330 feet (100 meters)
- Trim pot and dip switch adjustment for video equalization
- Perfect for digital signage applications
- One CAT-5e cable for extension
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Bi-directional audio transmission for speaker and microphone

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p / Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (1) HD-15 male
- Video out: (1) HD-15 female
- Sample Rate: 5 kHz (min) - 48 kHz (max)
- Frequency Response: 20Hz - 20kHz
- Audio Connector: (1) 3.5mm mini-stereo jack
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2.8"D x 4.7" W x 1.1"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

EXT-VGA-CAT5-142



## VGA EXTENDER/SPLITTER

Extend any VGA signal up to 1000 feet (300 meters) with VGA distribution to two outputs, all over one CAT-5e cable



### FEATURES:

- Extends any VGA signal up to 1000 feet (300 meters)
- One CAT-5e cable for extension
- Trim pot and dip switch adjustment for video equalization
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- Splits the VGA signal to 2 outputs at the receiver

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (1) HD-15 male
- Video out: (2) HD-15 female
- Link Connector: (1) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions(S): 1.3"D x 3.8" W x 1.1"H
- Dimensions(R): 2.8"D x 4.7" W x 1.1"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb

## CAT-5 1300 EXTENDER

Extends any VGA, USB 2.0 and audio signal up to 200 feet (60 meters) with VGA distribution to two outputs, all over two CAT-5e cables



EXT-CAT5-1300

### FEATURES:

- Extends any VGA signal up to 200ft (60m)
- Supports resolutions up to 1920x1200, 2K and 1080p
- Extends USB 2.0 compliant devices up to 330ft (100m)
- Local video output on the sender unit
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15 - 70 KHz
- Vertical Frequency Range: 30 - 170 Hz
- Video In: (1) HD-15 male
- Video Out/Receiver: (2) HD-15 female
- Video Out/Sender: (1) HD-15 female
- Audio In/Out: (1) 3.5mm mini-stereo jack
- Link Connector: (2) RJ-45 Shielded
- USB Input/Output Connectors: (1) Type B/(4) Type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts
- Dimensions: 4.2"D x 15.1" W x 1.8"H
- Shipping Weight / Unit Weight: 7 lbs./3 lbs.



## CAT-5 1500 EXTENDER

Extends any VGA, USB 1.1 and audio signal up to 330 feet (100 meters) with VGA distribution to two outputs, all over two CAT-5e cables



EXT-CAT5-1500

### FEATURES:

- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1 signals up to 330ft (100m)
- Brightness and focus adjustments for fine tuning the output signal
- Eliminates computer noise
- Stereo audio is extended for multimedia applications
- Local video output on the sender unit
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (1) HD-15 male
- Video Out/Receiver: (2) HD-15 female
- Video Out/Sender: (1) HD-15 female
- Audio Connector: (1) 3.5mm mini-stereo jack
- Link Connectors: (2) RJ-45 shielded
- USB Input/Output Connectors: (1) Type B/(2) Type A
- Power Supply per unit: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 6 lbs./2 lbs.



## CAT-5 5000 EXTENDER

Extends any dual VGA signal with USB 1.1 and audio up to 330 feet (100 meters) over two CAT-5e cables

### FEATURES:

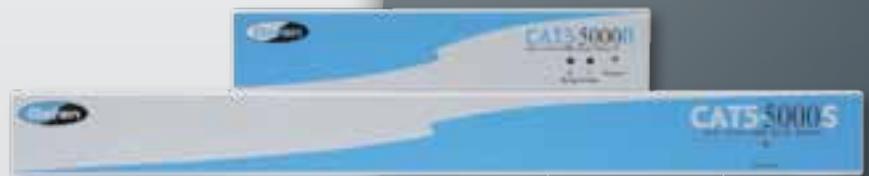
- Maintains up to 1920 x 1200 resolution video
- Extends USB 1.1 signals up to 330 ft (100m)
- Brightness and focus adjustments for fine tuning the output signal
- Local video output on the sender unit
- Rack-mountable

### SPECIFICATIONS:

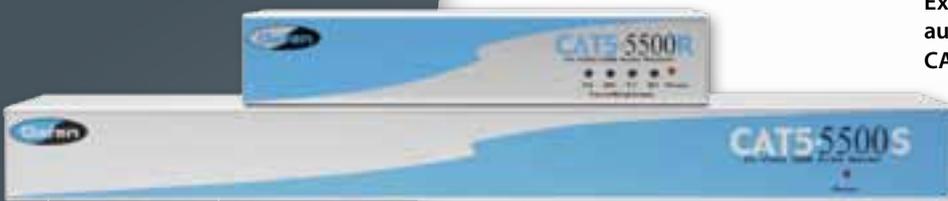
- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (1) HD-15 male
- Video Out/Receiver: (2) HD-15 female
- Video Out/Sender: (2) HD-15 female
- Audio Connector: (1) 3.5mm mini-stereo jack
- Link Connectors: (2) RJ-45 shielded
- USB Input/Output Connectors: (1) Type B/(4) Type A
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions(S): 4.2"D x 17.1" W x 1.6"H
- Dimensions(R): 4.2"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 8 lbs./3 lbs.



EXT-CAT5-5000



## EXT-CAT5-5500



## CAT-5 5500 EXTENDER

Extends any dual VGA signal with USB 1.1 and audio up to 450 feet (135 meters) over three CAT-5e cables

### FEATURES:

- Extends any two VGA signals up to 450 ft. (135m)
- Supports resolutions up to 1920x1200
- Extends USB 1.1 signals up to 450 ft. (135m)
- Stereo audio is extended for multimedia applications
- Brightness and focus adjustments for fine tuning the output signal
- Uses three CAT-5e cables
- Local video output on the sender unit
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (1) HD-15 male
- Video Out/Receiver: (2) HD-15 female
- Video Out/Sender: (2) HD-15 female
- Audio Connector: (1) 3.5mm mini-stereo jack
- Link Connectors: (3) RJ-45 shielded
- USB Input Connectors: (1) Type B
- USB Output Connectors: (4) Type A
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions(S): 4.2"D x 8.4" W x 1.6"H
- Dimensions(R): 4.25"D x 17.1" W x 1.6"H
- Shipping Weight / Unit Weight: 7 lbs. /3 lbs.

## EXT-CAT5-7000



## CAT-5 7000 EXTENDER

Extends any dual VGA signal with PS/2, USB 1.1, RS-232 and audio up to 330 feet (100 meters) over four CAT-5e cables

### FEATURES:

- Supports resolutions up to 1920x1200
- Extends USB 1.1 signals up to 330 ft. (100m)
- Built-in 4-port USB hub on the receiver
- Bi-directional audio transmission for speaker and microphone
- Dual audio signal extension with one audio signal return
- Brightness and focus adjustments for fine tuning the output signal
- Uses four CAT-5e cables
- Local video output on the sender unit
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (2) HD-15 male
- Video Out/Receiver: (2) HD-15 female
- Video Out/Sender: (2) HD-15 female
- Audio Connector In: (3) 3.5mm mini-stereo jack
- Audio Connector Out: (3) 3.5mm mini-stereo jack
- Link Connectors: (4) RJ-45 shielded
- RS-232 Connector: DB-9
- PS/2 Connectors: 6 pin mini-DIN
- USB Input/Output Connectors: (1) Type B/(4) Type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- Dimensions(S): 4.2"D x 17.1" W x 1.4"H
- Dimensions(R): 4.2"D x 8.4" W x 2"H
- Shipping Weight / Unit Weight: 8 lbs. /3 lbs.

## CAT-5 7500 EXTENDER

Extends any dual VGA signal with PS/2, USB 1.1, RS-232 and audio up to 330 feet (100 meters) over six CAT-5e cables

### FEATURES:

- Supports resolutions up to 1920x1200
- Built-in 4-port USB hub on the receiver
- Bi-directional audio transmission for speaker and microphone
- Dual audio signal extension with one audio signal return
- Brightness and focus adjustments for fine tuning the output signal
- Local video output on the sender unit
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (2) HD-15 male
- Video Out/Receiver: (2) HD-15 female
- Video Out/Sender: (2) HD-15 female
- Audio Connector In: (3) 3.5mm mini-stereo jack
- Audio Connector Out: (3) 3.5mm mini-stereo jack
- Link Connectors: (6) RJ-45 shielded
- RS-232 Connector: DB-9
- PS/2 Connectors: 6 pin mini-DIN
- USB Input/Output Connectors: (1) Type B/(4) Type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- Dimensions(S): 4.2"D x 17.1" W x 1.4"H
- Dimensions(R): 4.2"D x 8.4" W x 2"H
- Shipping Weight / Unit Weight: 9 lbs. /3 lbs.



 **COMPUTER**  
AUDIO / VIDEO

## CAT-5 8000 EXTENDER

Extend any three VGA signals with USB1.1, RS-232, and audio up to 330 feet (100 meters) using four CAT-5 cables

### FEATURES:

- Supports resolutions up to 1920x1200
- Built-in 4-port USB hub on the receiver
- Bi-directional audio transmission for speaker and microphone
- Dual audio signal extension
- Brightness and focus adjustments for fine tuning the output signal
- Local video output on the sender unit
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video In: (2) HD-15 male
- Video Out/Receiver: (3) HD-15 female
- Video Out/Sender: (3) HD-15 female
- Audio Connector In: (2) 3.5mm mini-stereo jack
- Audio Connector Out: (2) 3.5mm mini-stereo jack
- Link Connectors: (4) RJ-45 shielded
- RS-232 Connector: DB-9
- USB Input/Output Connectors: (1) Type B/(4) Type A
- Power Supply: 5V DC
- Power Consumption per unit: 20 Watts (max)
- Dimensions(S): 4.2"D x 17.1" W x 1.7"H
- Dimensions(R): 4.2"D x 15.2" W x 1.7"H
- Shipping Weight / Unit Weight: 9 lbs. /3 lbs.



 **COMPUTER**  
AUDIO / VIDEO

# ANALOG EXTENDERS / DIGITAL SWITCHERS

EXT-HDMI1.3-341



## 3x1 SWITCHER FOR HDMI 1.3

Switch between three HDMI 1.3 sources to one output



### Features:

- Supports compressed lossless audio formats such as Dolby Digital TrueHD and DTS-HD Master Audio
- Switch easily between any three HDMI sources
- Extends the range of HDMI compliant signals by equalizing and reclocking the HDMI signal
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Discrete IR remote control (included)
- HDMI 1.3 compliant
- HDCP pass-through

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Pass-through: lipsync, Deep Color, XYVCC color space
- Maximum Resolution: 1080p/60 10 bit color depth
- HDMI Input: (3) Type A 19 pin female
- HDMI Output: (1) Type A 19 pin female
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2.7"D x 9.4" W x 1.1"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

EXT-HDMI1.3-441



## 4x1 SWITCHER FOR HDMI 1.3

Switch between four HDMI 1.3 sources to one output



### Features:

- Supports compressed lossless audio formats such as Dolby Digital TrueHD and DTS-HD Master Audio
- Switch easily between any four HDMI sources
- Extends the range of HDMI compliant signals by equalizing and reclocking the HDMI signal
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Discrete IR remote control (included)
- Discrete switching via integrated RS-232 serial communications
- Discrete push button for local switching
- HDMI 1.3 compliant
- HDCP pass-through

### SPECIFICATIONS:

- Maximum Pixel Clock: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Pass-through: lipsync, Deep Color, XYVCC color space
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (4) Type A 19 pin female
- HDMI Output: (1) Type A 19 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 2.8"D x 13.8" W x 1.8"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.

EXT-HDMI1.3-841



## 8x1 SWITCHER FOR HDMI 1.3

Switch between eight HDMI 1.3 sources to one output

### Features:

- Supports compressed lossless audio formats such as Dolby Digital TrueHD and DTS-HD Master Audio
- Switch easily between any four HDMI sources
- Extends the range of HDMI compliant signals by equalizing and reclocking the HDMI signal
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Discrete IR remote control (included)
- Discrete switching via integrated RS-232 serial communications
- HDMI 1.3 compliant
- HDCP pass-through

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Pass-through: lipsync, Deep Color, XYVCC color space
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (8) Type A 19 pin female
- HDMI Output: (1) Type A 19 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 17.2" W x 1.7"H
- Shipping Weight / Unit Weight: 7 lbs. /2 lbs.

**2x2 SWITCHER FOR HDMI 1.3**

Switch between two HDMI 1.3 sources to two outputs (mirrored)

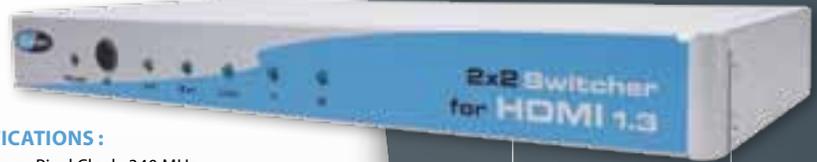
**Features:**

- Supports compressed lossless audio formats such as Dolby Digital TrueHD and DTS-HD Master Audio
- Switch easily between any two HDMI sources
- Dual mirrored outputs
- Extends the range of HDMI compliant signals by Equalizing and reclocking the HDMI signal
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- EDID selection; internal or external
- Discrete IR remote control (included)
- HDMI 1.3 compliant
- HDCP compliant



**SPECIFICATIONS :**

- Maximum Pixel Clock: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (2) Type A 19 pin female
- HDMI Output: (2) Type A 19 pin female
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 12" W x 1.2"H
- Shipping Weight / Unit Weight: 9 lbs. /6 lbs.



EXT-HDMI1.3-242



**4x2 HDMI SWITCHER FOR HDMI 1.3**

Switch between four HDMI 1.3 sources to two outputs (mirrored) and one digital S/PDIF

**Features:**

- Supports compressed lossless audio formats such as Dolby Digital TrueHD and DTS-HD Master Audio
- Dual mirrored outputs
- Digital S/PDIF audio output for connection to an external audio processor (HDMI 1.2 bitstream/LPCM formats)
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- EDID selection; internal or external
- Discrete IR remote control (included)
- HDMI 1.3 compliant
- HDCP compliant



**SPECIFICATIONS :**

- Maximum Pixel Clock: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (4) Type A 19 pin female
- HDMI Output: (2) Type A 19 pin female
- Digital Audio Output: (1) Coaxial (S/PDIF)
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 12" W x 1.2"H
- Shipping Weight / Unit Weight: 9 lbs. /6 lbs.



EXT-HDMI1.3-442



**6x2 HDMI SWITCHER**

Switch between six HDMI 1.2 sources to two outputs (mirrored) and one digital TOSLINK

**Features:**

- Switch easily between any six HDMI sources
- Extends the range of HDMI compliant signals by equalizing and reclocking the HDMI signal
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Digital TOSLINK audio output for connection to an external audio processor
- EDID modification ensures compatibility with HDMI 1.3 equipment
- Discrete IR remote control (included)
- Discrete switching via integrated RS-232 serial communications
- HDMI 1.2 compliant / HDMI 1.3 compatible
- HDCP compliant

**SPECIFICATIONS :**

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- HDMI Input: (6) Type A 19 pin female
- HDMI Output: (2) Type A 19 pin female
- Digital Audio Output: (1) Optical (TOSLINK)
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 5.8"D x 17" W x 1.7"H
- Shipping Weight / Unit Weight: 7 lbs. /2 lbs.



EXT-HDMI-642



## 4x4 MATRIX FOR HDMI 1.3

Switch between any four HDMI 1.3 sources to any four HDMI displays



EXT-HDMI1.3-444



### Features:

- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports compressed lossless audio formats such as Dolby Digital TrueHD and DTS-HD Master Audio
- Extends the range of HDMI compliant signals by equalizing and reclocking the HDMI signal
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Rack-mountable
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Maximum Resolution: 1080p/60, 1920x1200, 12 bit color depth
- Pass-through: lipsync, Deep Color, xvYCC color space
- HDMI Input: (4) Type A 19 pin female
- HDMI Output: (4) Type A 19 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 1U (rack-ears included)
- Power Supply: 24V DC, 5V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 6.8"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 7 lbs. /3 lbs.

EXT-HDMI-CAT5-444



## 4x4 MATRIX OVER CAT-5e FOR HDMI

Switch between any four HDMI sources to any four HDMI displays with extension up to 300 feet (90 meters) over CAT-5e cable



### FEATURES:

- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Discrete IR remote control (included)
- Extends 1080i signals up to 300ft (90m)
- Extends 1080p signals up to 150ft (45m)
- IR back-channel to control source devices
- EDID modification ensures compatibility with HDMI 1.3 equipment
- Matrix can be remote controlled using the included RMT-444MSR receivers, optional IR remote controls, for the receivers, RS-232 control from receivers, or from the main unit
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Includes four receivers (EXT-HDMI-CAT5-444R)
- Rack-mountable
- HDMI 1.2 compliant/HDMI 1.3 compatible
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- HDMI Input: (4) Type A 19 pin female
- HDMI Output: (4) Type A 19 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Link Connector: (8) RJ-45 shielded
- Rack Size: 2U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions(S): 6.5"D x 17.1" W x 3.5"H
- Dimensions(R): 4.6"D x 7.5" W x 1.2"H
- Shipping Weight / Unit Weight: 15 lbs. /7 lbs.

## 8x8 CROSSPOINT MATRIX FOR HDMI 1.3

Switch between any eight HDMI 1.3 sources to any eight HDMI displays



### FEATURES:

- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports compressed lossless audio formats such as Dolby Digital TrueHD and DTS-HD Master Audio
- Long-distance remote control at distances of up to 1000 feet optional using wired CAT5 cabled remotes
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Rack-mountable
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200, 12 bit color depth
- Pass-through: lipsync, Deep Color, XYVCC color space
- HDMI Input: (8) Type A 19 pin female
- HDMI Output: (8) Type A 19 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication / (8) RJ-45 shielded
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 2U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 13.4"D x 17.5" W x 7"H
- Shipping Weight / Unit Weight: 9 lbs. /6 lbs.



EXT-HDMI1.3-848CP

## 4x4 HDTV MATRIX

Switch between any four DVI sources to any four DVI displays



### Features:

- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Extends the range of DVI compliant signals by equalizing and reclocking the DVI signal
- Discrete IR remote control (included)
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Rack-mountable
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- DVI Connectors: DVI-I 29 pin female
- Remote Control Ports: RS-232 female, mini-stereo
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 6.5"D x 17.2" W x 1.7"H
- Shipping Weight / Unit Weight: 7 lbs. /4 lbs.



EXT-HDTV-444N

## 4x4 DVI CAT-5 EXTENDER

Extend up to four DVI signals up to 300 feet (90 meters) over 8 CAT-5e cables



### FEATURES:

- Extends a DVI signal up to 150 ft at 1920 x 1200/1080p
- Extends a DVI signal up to 300 ft at 1280 x 1024/1080i
- Uses CAT-5e cable for DDC transmission
- Improved compensation for cable skew
- Eliminates computer noise where you work
- Supports single link resolutions and HDTV resolutions
- Includes four EXT-DVI-CAT5MSR receivers
- Supports DDWG standard for DVI compliant monitors
- Installs in minutes

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz x 2
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- DVI Connector: DVI-I 29 pin female
- Power Supply: 5V DC
- Rack Size: 1U (rack-ears included)
- Power Consumption: 20 Watts (max)
- Dimensions: 3.4"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 11 lb /3 lbs.



EXT-DVI-CAT5-4X

# KVM SWITCHERS

EXT-DVIKVM-241DLS



2x  
Computers



KVM

## 2x1 DVI KVM SL/DL SWITCHER

Switch between any two computers with support for dual link or single link DVI, USB 2.0 and audio signals

### FEATURES:

- Supports resolutions up to 3840x2400
- Save time and increase productivity
- Supports all major operating systems - Windows, MacOS and Linux
- Integrated 2-port USB hub
- Front panel switching
- Discrete IR remote (included)
- Contact closure remote port (RMT-2 not included)
- Supports DDWG standards for DVI monitors
- Rack-mountable

### SPECIFICATIONS:

- Maximum Pixel Clock: 2x165 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 3840x2400
- DVI Input: (2) DVI-D DL 25 pin female
- DVI Output: (1) DVI-D DL 25 pin female
- Audio Input: (2) 3.5mm mini-stereo jack
- Audio Output: (1) 3.5mm mini-stereo jack
- USB Input Connection: (2) Type B
- USB Output Connection: (2) Type A
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 1 lb /5 lbs.

EXT-DVI-441DLP



4x  
Computers



KVM

## 4x1 DVI DL KVM SWITCHER

Switch between any four computers with support for dual link DVI, USB 2.0 and audio signals

### FEATURES:

- Supports resolutions up to 3840x2400
- Save time and increase productivity
- Supports all major operating systems - Windows, MacOS and Linux
- Integrated 2-port USB hub
- Discrete front panel switching
- Discrete IR remote (included)
- Contact closure remote port (RMT-4 not included)
- Parallel RS-232 control version available (EXT-DVI-441DLP)
- Supports DDWG standards for DVI monitors
- Rack-mountable

### SPECIFICATIONS:

- Maximum Pixel Clock: 2x165 MHz
- Maximum Resolution: 3840x2400
- DVI Input: (4) DVI-D DL 24 pin female
- DVI Output: (1) DVI-D DL 24 pin female
- Audio Input: (4) 3.5mm mini-stereo jack
- Audio Output: (1) 3.5mm mini-stereo jack
- USB Input Connection: (4) Type B
- USB Output Connection: (2) Type A
- Power Consumption: 10 Watts (max)
- Rack Size: 1U (rack-ears included)
- Power Supply: 5V DC
- Dimensions: 4.2"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 2 lbs. /8 lbs.

EXT-DVIKVM-841DL



8x  
Displays



Computer

## 8x1 DVI KVM DL/SL SWITCHER

Switch between any eight computers with support for dual link or single link DVI, USB 2.0 and audio signals

### FEATURES:

- Supports resolutions up to 3840x2400
- Save time and increase productivity
- Supports all major operating systems - Windows, MacOS and Linux
- Integrated 2-port USB hub
- Front panel switching
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Supports DDWG standards for DVI monitors
- Rack-mountable

### SPECIFICATIONS:

- Maximum Pixel Clock: 2x165 MHz
- Maximum resolutions: 1920 x 1200 (single link), 3840x2400 (dual link)
- DVI Input: (8) DVI-D DL 24 pin female
- DVI Output: (1) DVI-D DL 24 pin female
- Audio Input: (8) 3.5mm mini-stereo jack
- Audio Output: (1) 3.5mm mini-stereo jack
- USB Input Connection: (8) Type B
- USB Output Connection: (2) Type A
- Rack Size: 1U (rack-ears included)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 2 lbs. /12 lbs.



## 2x2 DVI DL KVM SWITCHER

Switch between any two dual display computers with support for two dual link DVI, USB 2.0 and audio signals



EXT-DVI-422 DL



### FEATURES:

- Switches easily between any two dual display computers with DVI, USB 2.0 and audio
- Supports resolutions up to 3840x2400
- Supports all major operating systems - Windows, MacOS and Linux
- Integrated 2-port USB hub
- Discrete front panel switching
- Discrete IR remote (included)
- Contact closure remote port (RMT-2 not included)
- Discrete switching via integrated RS-232 serial communications
- Supports DDWG standards for DVI monitors
- Rack-mountable

### SPECIFICATIONS:

- Maximum Pixel Clock: 2x165 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 3840x2400
- DVI Input: (4) DVI-D DL 25 pin female
- DVI Output: (2) DVI-D DL 25 pin female
- Audio Input: (2) 3.5mm mini-stereo jack
- Audio Output: (1) 3.5mm mini-stereo jack
- USB Input Connection: (2) Type B
- USB Output Connection: (2) Type A
- Rack Size: 1U (rack-ears included)
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.2"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 2 lbs. /8 lbs.



## 4x4 DVI KVM DL MATRIX

Switch between any four computers, with support for dual link DVI, USB 2.0 and audio, to any four workstations



EXT-DVIKVM-444DL



### FEATURES:

- Increases productivity by providing access to four computers from any combination of four workstations
- Supports resolutions up to 3840x2400
- Supports all major operating systems - Windows, MacOS and Linux
- USB 2.0 matrix switching capabilities
- Supports analog audio matrixing
- Discrete IR remote (included)
- Remote switching available using EXT-RMT-MATRIX-444 (sold separately)
- Discrete switching via integrated RS-232 serial communications
- Supports DDWG standards for DVI monitors
- Rack-mountable

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 3840x2400
- DVI Input: (4) DVI-I 29 pin female
- DVI Output: (4) DVI-I 29 pin female
- Audio Input: (4) 3.5mm mini-stereo jack
- Audio Output: (4) 3.5mm mini-stereo jack
- USB Input Connection: (4) Type B
- USB Output Connection: (4) Type A
- Remote Switch Connection: (4) RJ-45 shielded
- Rack Size: 1U (rack-ears included)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 4.2"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 2 lbs. /7 lbs.



# DISTRIBUTION AMPLIFIERS - HDMI

EXT-HDMI-CAT5-144



## 1:4 SPLITTER OVER CAT-5 FOR HDMI

Split one HDMI signal to four HDMI outputs with extension of each output up to 300 feet (90 meters) over 2 CAT-5e cables



### FEATURES:

- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Extends 1080i signals up to 300ft (90m)
- Extends 1080p signals up to 150ft (45m)
- EDID modification ensures compatibility with HDMI 1.3 equipment
- Rack-mountable
- HDMI 1.2 compliant/HDMI 1.3 compatible
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (4) Type A 19 pin female
- Link Connector: (8) RJ-45 shielded
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 4.1"D x 17.1" W x 3.5"H
- Shipping Weight / Unit Weight: 1 lb /3 lb

**Note: Sender Unit Only**

**Use Receiver: EXT-HDMI-CAT5DAR**

EXT-HDMI-CAT5-145



## 1:5 SPLITTER OVER CAT-5 FOR HDMI

Split one HDMI signal to five HDMI outputs with extension of each output up to 300 feet (90 meters) over 2 CAT-5e cables



### FEATURES:

- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Extends 1080i signals up to 300ft (90m)
- Extends 1080p signals up to 150ft (45m)
- EDID modification ensures compatibility with HDMI 1.3 equipment
- Rack-mountable
- HDMI 1.2 compliant/HDMI 1.3 compatible
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (5) Type A 19 pin female
- Link Connector: (10) RJ-45 shielded
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions(S): 5.4"D x 17.1" W x 3.5"H
- Shipping Weight / Unit Weight: 11 lb /4 lbs.

**Note: Sender Unit Only**

**Use Receiver: EXT-HDMI-CAT5DAR**

EXT-HDMI-CAT5-148



## 1:8 HDMI DISTRIBUTION AMPLIFIER OVER CAT-5

Split one HDMI signal to eight HDMI outputs with extension of each output up to 300 feet (90 meters) over 2 CAT-5e cables



### FEATURES:

- Extends 1080i signals up to 300ft (90m)
- Extends 1080p signals up to 150ft (45m)
- EDID modification ensures compatibility with HDMI 1.3 equipment
- Rack-mountable
- HDMI 1.2 compliant/HDMI 1.3 compatible
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (8) Type A 19 pin female
- Link Connector: (16) RJ-45 shielded
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 5.4"D x 17.1" W x 1.7"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.

**Note: Sender Unit Only**

**Use Receiver: EXT-HDMI-CAT5DAR**

## 1:2 COMPONENT WITH AUDIO SPLITTER OVER CAT5

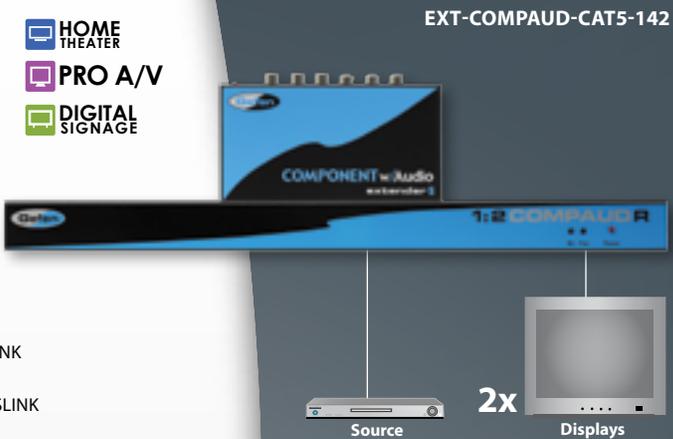
Extend one Component video signal with audio up to 1000 feet (300 meters) with end-point video distribution to two outputs, all over one CAT-5e cable

### FEATURES:

- Supports resolutions up to 1080p/60
- Maximum extension is 1000ft (300m)
- Supports analog left and right audio, multichannel digital TOSLINK or S/PDIF
- Equalizations adjustments for different CAT-5e skews
- Brightness and focus adjustments for fine tuning the output signal
- Simple plug-and-play installation
- Component video split is handled by the receiver

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15-70 KHz
- Vertical Frequency Range: 30-170 Hz
- Video In: (3) RCA component
- Audio In: (2) RCA Audio, (1) SPDIF, (1) TOSLINK
- Video Out: (6) RCA component
- Audio Out: (4) RCA Audio, (2) SPDIF, (2) TOSLINK
- Link Connector: (1) RJ-45 Shielded
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions(S): 2.6"D x 5.1" W x 1.1"H
- Dimensions(R): 4.2"D x 17.1" W x 1.2"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.



## 1:4 COMPONENT WITH AUDIO SPLITTER OVER CAT-5

Split one Component video signal to four component video outputs with extension of each output up to 300 feet (90 meters) over one CAT-5e cable

### FEATURES:

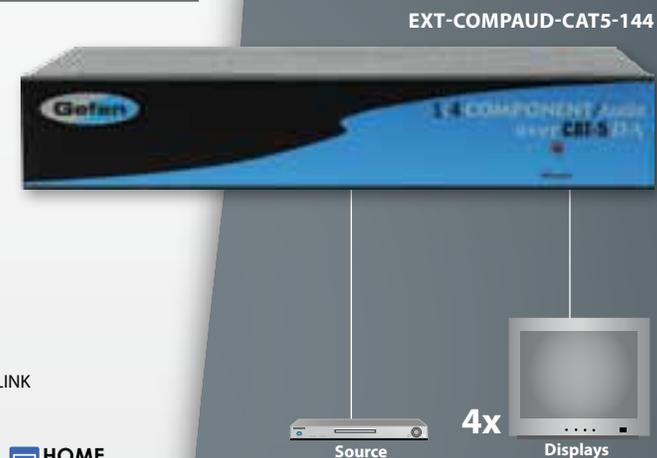
- Supports resolutions up to 1080p/60
- Maximum extension is 1000ft (300m)
- Supports analog left and right audio, multichannel digital TOSLINK or S/PDIF
- Equalizations adjustments for different CAT-5e skews
- Brightness and focus adjustments for fine tuning the output signal
- Simple plug-and-play installation

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15-70 KHz
- Vertical Frequency Range: 30-170 Hz
- Video In: (3) RCA component
- Audio In: (2) RCA Audio, (1) SPDIF, (1) TOSLINK
- Link Connector: (4) RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 4.2"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 6 lbs. /2 lbs.

Note: Sender Unit Only

Use Receiver: [EXT-COMPAUD-RDA](#)



## 1:8 COMPONENT AUDIO OVER CAT-5 DISTRIBUTION AMPLIFIER

Split and extend one Component video signal with audio to eight outputs up to 300 feet (90 meters) over CAT-5e cable

### FEATURES:

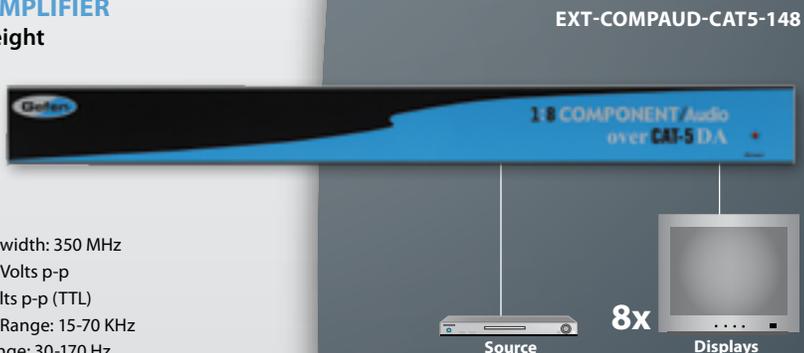
- Supports resolutions up to 1080p/60
- Maximum extension is 1000ft (300m)
- Supports analog left and right audio, multichannel digital TOSLINK or S/PDIF
- Equalizations adjustments for different CAT-5e skews
- Brightness and focus adjustments for fine tuning the output signal
- Simple plug-and-play installation

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Horizontal Frequency Range: 15-70 KHz
- Vertical Frequency Range: 30-170 Hz
- Video In: (3) RCA component
- Audio In: (2) RCA audio, (1) SPDIF, (1) TOSLINK
- Link Connector: RJ-45 shielded
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 4.2"D x 17.1" W x 1.1"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.

Note: Sender Unit Only

Use Receiver: [EXT-COMPAUD-RDA](#)



# HDMI SPLITTERS

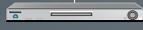
EXT-HDMI1.3-142



2x



Displays



Source

## 1:2 SPLITTER FOR HDMI 1.3

Split one HDMI 1.3 signal to two HDMI outputs

### FEATURES:

- Connects one HDMI 1.3 source to multiple displays
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports HDMI 1.3 features: Deep Color, Dolby TrueHD & DTS Master Audio, plus Color Space Conversion and CEC/Lip-Sync Pass-through
- EDID selection; internal or external
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (2) Type A 19 pin female
- Power Supply: 5V DC
- Power Consumption: 13 Watts (max)
- Dimensions: 4.6"D x 9.4" W x 1"H
- Shipping Weight / Unit Weight: 3 lbs. /2 lbs.

\* 1:2 SPLITTER FOR HDMI 1.3 WITH DIGITAL AUDIO SKU# EXT-HDMI1.3-142D

Split HDMI 1.3 to 2 HDTV Displays with additional optical digital audio output

EXT-HDMI1.3-143



3x



Displays



Source

## 1:3 SPLITTER FOR HDMI 1.3

Split one HDMI 1.3 signal to three HDMI outputs

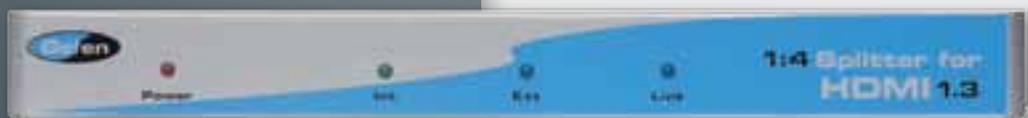
### FEATURES:

- Connects one HDMI 1.3 source to multiple displays
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports HDMI 1.3 features: Deep Color, Dolby TrueHD & DTS Master Audio, plus Color Space Conversion and CEC/Lip-Sync Pass-through
- EDID selection; internal or external
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (3) Type A 19 pin female
- Power Supply: 5V DC
- Power Consumption: 13 Watts (max)
- Dimensions: 4.6"D x 9.4" W x 1"H
- Shipping Weight / Unit Weight: 3 lbs. /2 lbs.

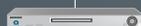
EXT-HDMI1.3-144



4x



Displays



Source

## 1:4 SPLITTER FOR HDMI 1.3

Split one HDMI 1.3 signal to four HDMI outputs

### FEATURES:

- Connects one HDMI 1.3 source to multiple displays
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports HDMI 1.3 features: Deep Color, Dolby TrueHD & DTS Master Audio, plus Color Space Conversion and CEC/Lip-Sync Pass-through
- EDID selection; internal or external
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (4) Type A 19 pin female
- Power Supply: 5V DC
- Power Consumption: 13 Watts (max)
- Dimensions: 4.6"D x 9.4" W x 1"H
- Shipping Weight / Unit Weight: 3 lbs. /2 lbs.

## 1:5 SPLITTER FOR HDMI 1.3

Split one HDMI 1.3 signal to five HDMI outputs



### FEATURES:

- Connects one HDMI 1.3 source to multiple displays
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports HDMI 1.3 features: Deep Color, Dolby TrueHD & DTS Master Audio, plus Color Space Conversion and CEC/Lip-Sync Pass-through
- EDID selection; internal or external
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

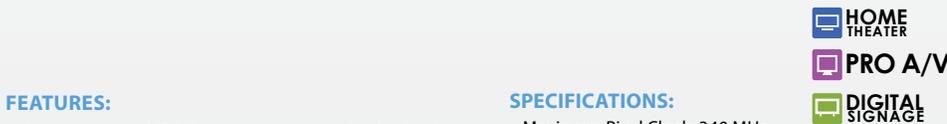
- Maximum Pixel Clock: 225 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (5) Type A 19 pin female
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Rack Size: 1U (rack-ears included)
- Dimensions: 5.2"D x 17.1" W x 1.7"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.



EXT-HDMI1.3-145

## 1:10 SPLITTER FOR HDMI 1.3

Split one HDMI 1.3 signal to ten HDMI outputs



### FEATURES:

- Connects one HDMI 1.3 source to multiple displays
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports HDMI 1.3 features: Deep Color, Dolby TrueHD & DTS Master Audio, plus Color Space Conversion and CEC/Lip-Sync Pass-through
- EDID selection; internal or external
- Rack-mountable
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

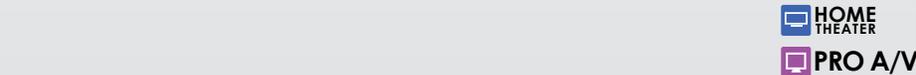
- Maximum Pixel Clock: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (1) Type A 19 pin female
- HDMI Output: (10) Type A 19 pin female
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Rack Size: 1U (rack-ears included)
- Dimensions: 5.2"D x 17.1" W x 1.7"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.



EXT-HDMI1.3-1410-SIL

## 2x4 SWITCHER FOR HDMI 1.3

Split and switch between two HDMI 1.3 signals to four HDMI outputs



### FEATURES:

- Selectable input (2 are available) is mirrored to four HDMI outputs
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Supports HDMI 1.3 features: Deep Color, Dolby TrueHD & DTS Master Audio, plus Color Space Conversion and CEC/Lip-Sync Pass-through
- EDID selection; internal or external
- HDMI 1.3 compliant
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 340 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60 12 bit color depth
- HDMI Input: (2) Type A 19 pin female
- HDMI Output: (4) Type A 19 pin female
- Power Supply: 5V DC
- Power Consumption: 13 Watts (max)
- Dimensions: 4.2"D x 5.2" W x 1.7"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.



EXT-HDMI1.3-244

# SPLITTERS / DISTRIBUTION AMPLIFIERS

EXT-DVI-142DL



## 1:2 DVI DL /SL SPLITTER

Split one dual link or single link DVI signal to two DVI outputs



### FEATURES:

- Supports resolutions up to 3840x2400
- Supports dual link or single link sources
- Plug-and-play installation
- Supports HDCP pass-through for output one
- Supports DDWG standard for DVI compliant monitors

### SPECIFICATIONS:

- Maximum Pixel Clock: 2 x 165 Mhz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 3840 x 2400
- DVI Input Connector: (1) DVI-D DL 24 pin female
- DVI output Connector: (2) DVI-I 29 pin female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 3.2"D x 4.2" W x 1"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb

EXT-DVI-144



## 1:2 DVI SPLITTER

Split one single link DVI signal to two DVI outputs



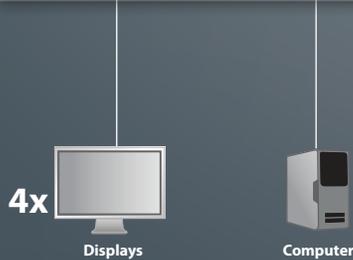
### FEATURES:

- Supports resolutions up to 1920x1200
- Supports single link sources
- Plug-and-play installation
- Equalization adjustment to fine tune input signal
- Supports HDCP pass-through for output one
- Supports DDWG standard for DVI compliant monitors

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- DVI Input Connector: (1) DVI-D 19 pin female
- DVI output Connector: (2) DVI-I 29 pin female
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 5.1"D x 4.2" W x 1"H
- Shipping Weight / Unit Weight: 3 lbs. /1 lb

EXT-DVI-144N



## 1:4 DVI SPLITTER

Split one single link DVI signal to four DVI outputs



### FEATURES:

- Supports resolutions up to 1920x1200
- Supports single link sources
- Supports EDID storage
- Plug-and-play installation
- Supports DDWG standard for DVI compliant monitors

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- DVI Input Connector: (1) DVI-I 29 pin female
- DVI output Connector: (4) DVI-I 29 pin female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 4.2"D x 17.1" W x 1.7"H
- Shipping Weight / Unit Weight: 5 lbs. /2 lbs.

EXT-DVI-148

## 1:8 DVI DISTRIBUTION AMPLIFIER

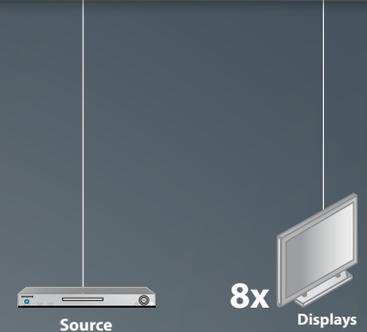
Split one single link DVI signal to eight DVI outputs

### FEATURES:

- Supports resolutions up to 1920x1200, 1920x1080p/60
- Supports single link sources
- Plug-and-play installation
- Front mounted outputs allow easy access
- Supports DDWG standard for DVI compliant monitors
- Rack-mountable
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- DVI Input Connector: (1) DVI-I 29 pin female
- DVI output Connector: (8) DVI-I 29 pin female
- Rack Size: 1U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 5.4"D x 17.1" W x 1.6"H
- Shipping Weight / Unit Weight: 6 lbs. /2 lbs.



## 2:8 DVI DISTRIBUTION AMPLIFIER

Split and switch between two DVI signals to eight HDMI outputs

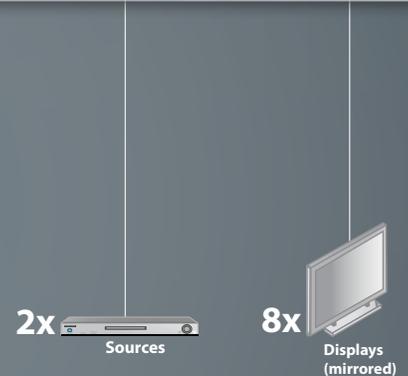
### FEATURES:

- Supports resolutions up to 1920x1200, 1920x1080p/60
- Supports single link sources
- Plug-and-play installation
- Front mounted outputs allow easy access
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Supports DDWG standard for DVI monitors
- Rack-mountable
- HDCP compliant



### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- DVI Input Connector: (2) DVI-I 29 pin female
- DVI output Connector: (8) DVI-I 29 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 1U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 5.4"D x 17.1" W x 1.6"H
- Shipping Weight / Unit Weight: 6 lbs. /2 lbs.



EXT-DVI-248

## 4x4 DVI DL MATRIX

Switch between any four dual link DVI signals to four DVI outputs in any combination



### FEATURES:

- Supports resolutions up to 3840x2400
- Supports dual link sources
- Plug-and-play installation
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Supports DDWG standard for DVI monitors
- Rack-mountable
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 2 x 165 MHz
- Maximum Resolution: 3840 x 2400
- DVI Input Connector: (4) DVI-I 29 pin female
- DVI output Connector: (4) DVI-I 29 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 1U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 4.25"D x 17.1" W x 1.7"H
- Shipping Weight / Unit Weight: 7 lbs. /2 lbs.



EXT-DVI-444DL

# DISTRIBUTION AMPLIFIERS

EXT-COMPAUD-44424



## 4x4 COMPONENT WITH AUDIO MATRIX

Switch any four Component video signals with audio to any four outputs in any combination



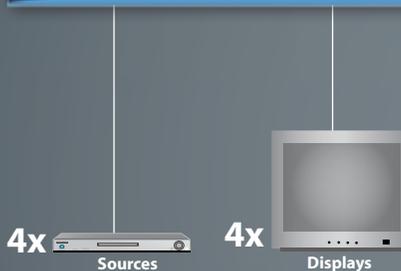
### FEATURES:

- Supports resolutions up to 1920x1200, 1920x1080p/60
- Analog right/left RCA audio and digital coaxial (S/PDIF) audio are supported
- Plug-and-play installation
- Discrete front panel switching
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Maximum Resolution: 1080p
- Video Input Connectors: (4) YPbPr - 3 RCA
- Video Output Connectors: (4) YPbPr - 3 RCA
- Audio Input Connectors: (4) Analog L+R -RCA / (4) Digital Coaxial (S/PDIF)
- Audio Output Connectors: (4) Analog L+R -RCA / (4) Digital Coaxial (S/PDIF)
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 1U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 4.4"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 9 lbs. /2 lbs.

EXT-COMPAUD-CAT5-444



## 4x4 COMPONENT WITH AUDIO MATRIX OVER CAT-5

Switch any four Component video sources to any four outputs with extension of each output up to 1000 feet (300 meters) over one CAT-5e cable



### FEATURES:

- Supports resolutions up to 1080p/60
- Extends 1080p signals up to 300ft (90m)
- Analog right/left RCA audio and digital coaxial (S/PDIF) audio are supported
- IR back-channel to control source devices
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Includes four receivers (EXT-COMPAUD-CAT5-444R)
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Maximum Resolution: 1080p
- Video Input/output Connectors: (4) YPbPr - 3 RCA
- Audio Input/Output Connectors: (4) Analog L+R -RCA (4) Digital Coaxial (S/PDIF)
- Link Connector: (4) RJ-45 shielded
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Blaster Port: (4) 3.5mm mini-stereo jack
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 2U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 4.8"D x 17.1" W x 3.5"H
- Shipping Weight / Unit Weight: 14 lbs. /5 lbs.

EXT-DVIKVM-444DL



## 4x4 DVI KVM DUAL LINK MATRIX

Switch any four dual link DVI signals to any four dual link DVI workstations with USB 1.1 and audio



### FEATURES:

- Supports resolutions up to 3840x2400
- Supports all major operating systems - Windows, MacOS and Linux
- USB 1.1 matrix switching capabilities
- Supports analog audio matrixing
- Discrete IR remote (included)
- Remote switching available using the EXT-RMT-MATRIX-848 (sold separately)
- Discrete switching via integrated RS-232 serial communications
- Supports DDWG standards for DVI monitors
- Rack-mountable

### SPECIFICATIONS:

- Maximum Pixel Clock: 2 x 165 MHz
- Maximum Resolution: 3840x2400
- DVI Input: (4) DVI-I 29 pin female
- DVI Output: (4) DVI-I 29 pin female
- Audio Input: (4) 3.5mm mini-stereo jack
- Audio Output: (4) 3.5mm mini-stereo jack
- USB Input Connection: (4) Type B
- USB Output Connection: (4) Type A
- Remote Switch Connection: (4) RJ-45 shielded
- Rack Size: 2U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 4.2"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 9 lbs. /2 lbs.

## 8x4 MATRIX FOR HDMI

Switch a total of eight HDMI signals to any four HDMI outputs



### FEATURES:

- Distribute any of the four switched inputs (total of eight inputs) to any combination of the four HDMI outputs
- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Serial RS-232 remote port for switching via control automation
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Rack-mountable
- HDMI 1.2 compliant/HDMI 1.3 compatible
- HDCP compliant

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Maximum Resolution: 1080p/60, 1920x1200
- HDMI Input: (8) Type A 19 pin female
- HDMI Output: (4) Type A 19 pin female
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 1U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 6.5"D x 17.1" W x 1.8"H
- Shipping Weight / Unit Weight: 9 lbs. /2 lbs.



EXT-HDMI-844

## 8X8 MATRIX FOR HDMI

Route eight HDMI signals to any eight outputs in any combination



### Features:

- Supports resolutions up to 1080p/60, 2K and 1920x1200
- Long-distance remote control at distances of up to 1000 feet optional using wired CAT5 cabled remote
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Rack-mountable
- HDMI 1.2 compliant/HDMI 1.3 compatible
- HDCP compliant (Only on a one output to one input basis)

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 Volts p-p
- Maximum Resolution: 1080p/60, 1920x1200
- Remote Control Ports: One RS232 female, One mini-stereo
- HDMI Input: (8) Type A 19 pin female
- HDMI Output: (8) Type A 19 pin female
- Rack Size: 2U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 7.1"D x 17.1" W x 3.5"H
- Shipping Weight / Unit Weight: 10 lbs. /5 lbs.



EXT-HDMI-848

## 8X8 DVI MATRIX

Switches eight DVI computers to any eight DVI displays



### FEATURES:

- Increases your productivity by providing you with access to eight computers from twelve workstations
- Maintains beautiful, sharp HDTV resolutions up to 1080p, 2K, and 1920x1200
- Discrete IR remote control (included)
- Long-distance remote control at distances of up to 1000 feet optional using wired CAT5 cabled remotes
- Serial RS232 port for remote control via computer or a control automation device such as Crestron
- Supports DDWG standards for DVI monitors
- Not HDCP compliant; for computers only.

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz
- Maximum Resolution: 1080p (HDTV) / 1920x1200 (PC)
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- Remote Control Ports: One RS232 female, One mini-stereo
- Rack mountable: 2U rack space, rack ears included
- DVI Connector: DVI-I 29 Pin Female (digital only)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 7.1"W x 3.5" H x 7.2" D
- Shipping Weight / Unit Weight: 9 lbs. /4 lbs.



EXT-DVI-848

EXT-VGA-142N



## 1:2 VGA HUB

Split one VGA signal to two VGA outputs



### FEATURES:

- Supports resolutions up to 1920x1200
- Supports component video with VGA to component adapters
- Connects one VGA source to two VGA monitors or projectors
- EDID transmission from display device connected to output 1

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Supports all VESA standard resolutions
- Input VGA Connector: (1) HD-15 male
- Output VGA Connector: (2) HD-15 female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2.6"D x 5.6" W x 1"H
- Shipping Weight / Unit Weight: 1 lb / 2 lbs.

EXT-VGA-145



## 1:4 VGA HUB

Split one VGA signal to four VGA outputs



### FEATURES:

- Supports resolutions up to 1920x1200
- Supports component video with VGA to component adapters
- Connects one VGA source to four VGA monitors or projectors
- EDID transmission from display device connected to output 1

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Supports all VESA standard resolutions
- Input VGA Connector: (1) HD-15 male
- Output VGA Connector: (4) HD-15 female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2.6"D x 5.6" W x 1"H
- Shipping Weight / Unit Weight: 1 lb / 2 lbs.

EXT-VGA-CAT5-148S



## 1:8 VGA DISTRIBUTION OVER CAT-5\*

Split one VGA signal to eight VGA outputs with extension of each output up to 300 feet (90 meters) over one CAT-5e cable



### FEATURES:

- Supports resolutions up to 1920x1200
- Extends each VGA output signal up to 330 feet over 1 CAT-5e
- Supports component video with VGA to component adapters
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Input VGA Connector: (1) HD-15 male
- Link Connector: (8) RJ-45 shielded
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 40 Watts (max)
- Dimensions: 4.2"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 2 lbs. / 4 lbs.

\* RECEIVER REQUIRED SKU# EXT-VGA-CAT5-148R

## 4x4 VGA MATRIX

Switch any four VGA signals with audio to any four VGA outputs in any combination



EXT-VGAAUD-444



### FEATURES:

- Supports resolutions up to 1920x1200
- Analog audio matrixing supported
- Plug-and-play installation
- Discrete front panel switching
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Video Input Connectors: (4) HD-15 VGA
- Video Output Connectors: (4) HD-15 VGA
- Audio Input Connectors: (4) 3.5mm mini-stereo jack
- Audio Output Connectors: (4) 3.5mm mini-stereo jack
- Remote Control Port: (1) DB-9; RS-232 serial communication
- IR Extension Port: (1) 3.5mm mini-stereo jack
- Rack Size: 1U (rack-ears included)
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 5.8"D x 17" W x 5.8"H
- Shipping Weight / Unit Weight: 4 lbs. /9 lbs.



## 1:3 COMPONENT AUDIO DISTRIBUTION AMPLIFIER

Split one component A/V signal with audio to three component A/V outputs

### FEATURES:

- Supports resolutions up to 1080p/60
- Connects up to three component displays at the same time to one video source
- Analog right/left RCA audio and digital (coaxial) audio are supported
- Support SD (composite) and HDTV (YPbPr, RGsB) input signals

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Maximum Resolution: 1080p/60, 1920x1200
- Video Input Connectors: (1) YPbPr - 3 RCA
- Video Output Connectors: (3) YPbPr - 3 RCA
- Audio Input Connectors: (1) Analog L+R -RCA (1) Digital Coaxial (S/PDIF)
- Audio Output Connectors: (1) Analog L+R -RCA (1) Digital Coaxial (S/PDIF)
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 3.6"D x 5.5" W x 1.5"H
- Shipping Weight / Unit Weight: 1 lb /3 lbs.



## 1:8 COMPONENT DISTRIBUTION OVER CAT-5\*

Split one component video signal to eight component video outputs with extension of each output up to 300 feet (90 meters) over one CAT-5e cable

### FEATURES:

- Supports resolutions up to 1920x1200
- Extends each component video output
- Analog right/left RCA audio and digital (coaxial and optical) audio are supported
- signal up to 330 feet over 1 CAT-5e
- Power for the receivers are supplied over the CAT-5e cable
- Rack-mountable

### SPECIFICATIONS:

- Maximum Video Bandwidth: 350 MHz
- Input Video Signal: 1.2 Volts p-p
- Input Sync Signal: 5 Volts p-p (TTL)
- Video Input Connectors: (1) YPbPr - 3 RCA
- Audio Input Connectors: (1) Analog L+R -RCA (1) Digital Coaxial (S/PDIF), (1) Digital Optical (TOSLINK)
- Link Connector: (8) RJ-45 shielded
- Rack Size: 1U (rack-ears included)
- Power Supply: 5V DC
- Power Consumption: 40 Watts (max)
- Dimensions: 5.8"D x 17" W x 5.8"H
- Shipping Weight / Unit Weight: 1 lb /4 lbs.



Note: Sender Unit Only  
Use Receiver: [EXT-COMPAUD-RDA](#)

EXT-HDMI-EDIDP



## HDMI DETECTIVE PLUS

Record and store HDMI display information (EDID) with HDCP pass-through



### FEATURES:

- Quick and easy saving of EDID information from an HDMI display
- Write protection switch to prevent accidental overwrite
- Selection of preset EDIDs for custom audio and resolution support
- Supports resolutions up to 1080p
- No power required after initial programming step
- HDCP Compliant

### SPECIFICATIONS:

- EDID Memory Size: 256 Bytes
- HDMI Input Connector: (1) Type A 19 pin female
- HDMI Output Connector: (1) Type A 19 pin female
- Power Supply / Consumption: 5V DC/ 5 Watts (max)
- Dimensions: 1.7"D x 2.6" W x 1.2"H
- Shipping Weight / Unit Weight: 1 lb /1 lb

EXT-DVI-EDIDN



## DVI DETECTIVE

Record and store DVI display information (EDID)



### FEATURES:

- Quick and easy saving of EDID information from an DVI display
- Write protection switch to prevent accidental overwrite
- Compatible with VGA displays when used with VGA to DVI-A adapters
- Supports resolutions up to 3840x2400
- No power required after initial programming step

### SPECIFICATIONS:

- EDID Memory Size: 256 Bytes
- DVI Input Connector: (1) DVI-I 29 pin female
- DVI Output Connector: (1) DVI-I 29 pin female
- Power Supply / Consumption: 5V DC/ 5 Watts (max)
- Dimensions: 1.7"D x 2.6" W x 1.2"H
- Shipping Weight / Unit Weight: 1 lb /1 lb

EXT-DVI-EDIDP



## DVI DETECTIVE PLUS

Record and store DVI display information (EDID) with HDCP pass-through



### FEATURES:

- Quick and easy saving of EDID information from an DVI display
- Write protection switch to prevent accidental overwrite
- Selection of preset EDIDs for custom audio and resolution support
- Supports resolutions up to 3840x2400
- No power required after initial programming step
- HDCP Compliant

### SPECIFICATIONS:

- EDID Memory Size: 256 Bytes
- DVI Input Connector: (1) DVI-I 29 pin female
- DVI Output Connector: (1) DVI-I 29 pin female
- Power Supply / Consumption: 5V DC/ 5 Watts (max)
- Dimensions: 1.7"D x 2.6" W x 1.2"H
- Shipping Weight / Unit Weight: 1 lb /1 lb

## DVI TO VGA CONVERTER

Converts DVI-D signals to analog VGA



EXT-DVI-2-VGA

### FEATURES:

- Supports resolutions up to 1920x1200/60Hz
- Default EDID of 1600x1200; custom resolutions available
- Supports DDWG standard for DVI monitors

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz (DVI)
- Maximum Video Bandwidth: 350 MHz (VGA)
- Input Video Signal: 1.2 Volts p-p
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Connector: (1) DVI-I 29 pin female
- VGA Connector: (1) HD-15 VGA female
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 2.7"D x 4.5" W x 1.1"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb



VGA display



DVI-D source

## COMPONENT WITH DIGITAL AUDIO TO HDMI ADAPTER

Converts a component video with a digital audio signal to HDMI

### FEATURES:

- Supports resolutions up to 1080p/60 and 1920x1200
- Allows you to connect YPbPr sources to HDMI equipment
- Encodes digital audio with the video signal into HDMI
- Plug-and-play installation
- HDMI 1.2 compliant

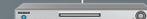


### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz (HDMI)
- Maximum Video Bandwidth: 350 MHz (YPbPr)
- Input Video Signal: 1.2 Volts p-p
- HDMI Output Connector: (1) Type A 19 pin female
- Component Connector: (1) YPbPr - 3 RCA
- Audio Input Connectors: (1) Coaxial (S/PDIF)  
(1) Optical (TOSLINK)
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 3.7"D x 4" W x 1.2"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb



Display



Source

EXT-COMPAUD-2-HDMI

## COMPONENT WITH AUDIO TO HDMI ADAPTER

Converts a component video with an analog audio signal to HDMI

### FEATURES:

- Supports resolutions up to 1080p/60 and 1920x1200
- Allows you to connect YPbPr sources to HDMI equipment
- Encodes analog audio with the video signal into HDMI
- Plug-and-play installation
- HDMI 1.2 compliant

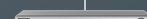


### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz (HDMI)
- Maximum Video Bandwidth: 350 MHz (YPbPr)
- Input Video Signal: 1.2 Volts p-p
- HDMI Output Connector: (1) Type A 19 pin female
- Component Connector: (1) YPbPr - 3 RCA
- Audio Input Connectors: (1) L+R Analog RCA
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 3.7"D x 4" W x 1.2"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb



Display



Source

EXT-COMPAUD-2-HDMI

## EXT-DVIAUD-2-HDMI



## DVI WITH DIGITAL AUDIO TO HDMI ADAPTER

Converts DVI with a digital audio signal to HDMI



### FEATURES:

- Supports resolutions up to 1080p/60 and 1920x1200
- Allows you to combine DVI signals with digital audio to an HDMI signal
- Plug-and-play installation
- HDMI 1.2 compliant
- HDCP pass-through

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz (HDMI and DVI)
- HDMI Output Connector: (1) Type A 19 pin female
- DVI Input Connector: (1) DVI-I 29 pin female
- Audio Input Connector: (1) Coaxial (S/PDIF)
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 3.2" D x 3.7" W x 1" H
- Shipping Weight / Unit Weight: 2 lbs. / 1 lb

## EXT-HDMI-2-DVIAUD



## HDMI TO DVI DIGITAL AUDIO CONVERTER

Convert an HDMI signal to DVI and digital audio



### FEATURES:

- Supports resolutions up to 1080p/60 and 1920x1200
- Allows you to extract a DVI signal with analog audio from an HDMI signal
- Built in EDID selection for audio support
- HDMI 1.2 compliant
- HDCP pass-through

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz (HDMI and DVI)
- HDMI Input Connector: (1) Type A 19 pin female
- DVI Output Connector: (1) DVI-I 29 pin female
- Audio Output Connector: (1) Optical (TOSLINK)
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Dimensions: 3.2" D x 3.4" W x 1" H
- Shipping Weight / Unit Weight: 2 lbs. / 1 lb

## EXT-VGA-2-DVISP



## VGA TO DVI SCALER PLUS

Convert an analog VGA signal to digital DVI with scaling



### FEATURES:

- Input resolutions up to 1920 x 1200, 1080p/60
- Outputs resolutions up to 1920 x 1200, 1080p/60
- Digital enhancement and color correction
- Aspect ratio control for native and full view modes
- On-screen OSD for easy navigation of features
- Front panel push-button control
- Optimal output resolution is automatically set by connected display's EDID (can be changed in the OSD)
- Optional IR control (EXT-RMT-SR-IR)
- Supports DDWG standard for DVI monitors

### SPECIFICATIONS:

- Maximum Pixel Clock: 165 MHz (DVI)
- Maximum Video Bandwidth: 350 MHz (VGA)
- Input DDC Signal: 5 Volts p-p (TTL)
- DVI Output Connector: (1) DVI-I 29 pin female
- VGA Input Connector: (1) HD-15 VGA female
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 4.1" D x 5.8" W x 1" H
- Shipping Weight / Unit Weight: 3 lbs. / 1 lb

**1:4 3G-SDI SPLITTER**

Split one 3G-SDI signal to four 3G-SDI outputs

EXT-3GSDI-144

**FEATURES:**

- Distribute one 3G-SDI source to four 3G-SDI devices
- Backwards compatible with SDI and HD-SDI signals
- Plug-and-play installation
- Distributes video without latency

**PRO A/V**

**SPECIFICATIONS:**

- Input/Output: SDI - SMPTE 259M-C (270Mbps); HD-SDI -SMPTE 292M (1.485, 1.485/1.001 Gbps); 3G-SDI-SMPTE 424M/425M (2.97/3.0 Gbps)
- Supports NTSC, PAL and HD formats up to 1080p
- Input/Output Connector: BNC female
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.5"D x 7.5" W x 1.1"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb



**4x1 3G-SDI SWITCHER**

Switch between four 3G-SDI signals to one 3G-SDI output

EXT-3GSDI-441

**PRO A/V**

**FEATURES:**

- Switches four 3G-SDI sources instantly without signal degradation
- Backwards compatible with SDI and HD-SDI signals
- Front panel switching
- Discrete IR remote (included)
- Discrete switching via integrated RS-232 serial communications
- Plug-and-play installation
- Distributes video without latency

**SPECIFICATIONS:**

- Input/Output: SDI - SMPTE 259M-C (270Mbps); HD-SDI -SMPTE 292M (1.485, 1.485/1.001 Gbps); 3G-SDI-SMPTE 424M/425M (2.97/3.0 Gbps)
- Supports NTSC, PAL & and all HD formats
- Dimensions: 7.5"W x 1.1"H x 3.5"D
- Remote Control Port: (1) DB-9; RS-232 serial communication
- Input/Output Connector: BNC female
- Power Supply: 5V DC
- Power Consumption: 10 Watts (max)
- Dimensions: 3.5"D x 7.5" W x 1.1"H
- Shipping Weight / Unit Weight: 2 lbs. /1 lb



**DVI TO HD-SDI SCALER**

Convert a single link DVI signal to a single link HD-SDI signal with scaling

EXT-DVI-2-HDSDISSL

**HOME THEATER PRO A/V**

**FEATURES:**

- 10 bit resolution for greater precision and dynamic range
- Proprietary 10 bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Color correction/detail enhancement

- Gamma selection
- Aspect ratio select
- French/English menu set
- RS-232 for upgradable firmware or for IR control
- Genlock capable

**SPECIFICATIONS:**

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 1.485 Gbps
- Maximum Input Resolution: 1920 x 1200 @ 24/30
- Maximum Output Resolution: 2048 x 1080 @ 24/30
- DVI Connector: DVI-I 29 pin female
- SDI/HDSDI Connector: BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Input/Output Connector: BNC female
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.7"D x 8.4" W x 1.7"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb



## EXT-DVI-2-HDSDISP



### DVI TO HD-SDI SCALER PLUS

Convert a single link DVI signal to a dual link HD-SDI signal with scaling



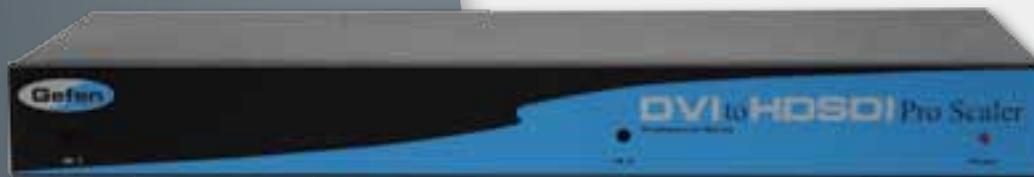
#### FEATURES:

- 10 bit resolution for greater precision and dynamic range proprietary 10 bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross hatch patterns
- Color correction/detail enhancement
- Noise reduction
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 control
- Genlock capable
- Rack-mountable

#### SPECIFICATIONS:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 1.485 Gbps
- Maximum Input Resolution: 2048x1080p/60
- Maximum Output Resolution: 2048x1080 with Dual Link HD-SDI
- DVI Input Connector: (1) DVI-I 29 pin female
- SDI/HDSDI Output Connector: (2) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.7"D x 3.4" W x 1.6"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

## EXT-DVI-2-HDSDIPRO



### DVI TO HD-SDI SCALER PRO

Convert two separate single link DVI signals to two separate dual link HD-SDI signals with scaling



#### FEATURES:

- 10 bit resolution for greater precision and dynamic range Proprietary 10 bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross hatch patterns
- Color correction/detail enhancement
- Noise reduction
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 control
- Genlock capable

#### SPECIFICATIONS:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2x 1.485 Gbps
- Maximum Input Resolution: 2048x1080
- Maximum Output Resolution: 2048x1080 with Dual Link HD-SDI
- DVI Input Connector: (1) DVI-I 29 pin female
- SDI/HDSDI Output Connector: (2) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.7"D x 15.2" W x 1.7"H
- Shipping Weight / Unit Weight: 7 lbs. /3 lbs.

**HD-SDI TO DVI SCALER**

Convert a single link HD-SDI signal to DVI and analog audio with scaling

PRO A/V

EXT-HDSDI-2-DVISSL

**FEATURES:**

- Convert and reclock single link HD-SDI to both the HD-SDI output and the DVI output
- 10 bit resolution for greater precision and dynamic range
- Proprietary 10 bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Fully integrated sprite based multi-plane OSD controller
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Frame conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Color correction/detail enhancement
- Gamma selection
- Aspect ratio select
- French/English menu set
- RS-232 control
- Rack-mountable
- Genlock capable

**SPECIFICATIONS:**

- Input Video Bandwidth: 1.485 Gbps
- Output Video Bandwidth: 165 MHz
- Maximum Output Resolution: 1920x1200/60Hz
- DVI Output Connector: (1) DVI-I 29 pin female
- SDI/HSDSI Input Connector: (1) BNC female
- SDI/HSDSI Loop-out: (1) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Audio Output Port: (1) Analog L+R RCA
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.7"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

**HD-SDI TO DVI SCALER PLUS**

Convert a dual link HD-SDI signal and analog audio to a single link DVI signal with scaling

PRO A/V

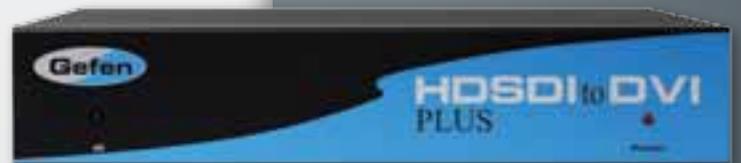
EXT-HDSDI-2-DVISP

**FEATURES:**

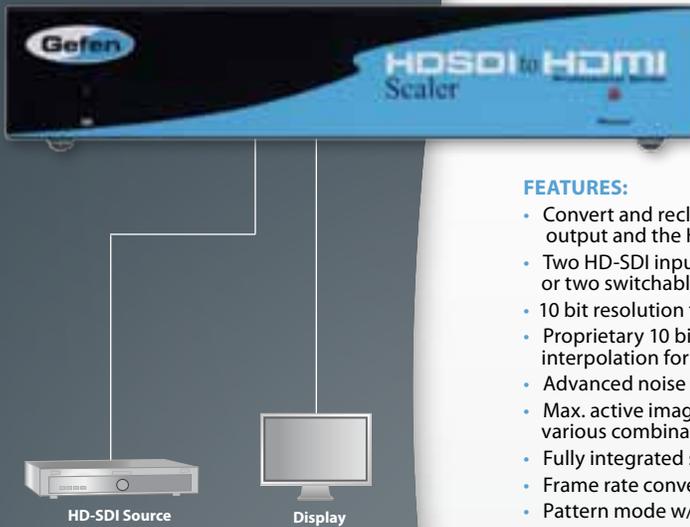
- 10 bit resolution for greater precision and dynamic range
- Proprietary 10 bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross hatch patterns
- Color correction/detail enhancement
- Noise reduction
- Gamma selection
- Aspect ratio select
- Custom riming output mode
- French/English menu set
- RS-232 control
- Genlock capable
- Rack-mountable

**SPECIFICATIONS:**

- Input Video Bandwidth: 2 x 1.485 Gbps
- Output Video Bandwidth: 165 MHz
- Maximum Output Resolution: 1920x1200/60Hz
- DVI Output Connector: (1) DVI-I 29 pin female
- SDI/HSDSI Input Connector: (2) BNC female
- SDI/HSDSI Loop-out: (2) BNC female
- Audio Output Port: (1) Analog L+R RCA
- Data Port: (1) DB-9; RS-232 serial communication
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.7"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb



## EXT-HDSDI-2-HDMIS



## HD-SDI TO HDMI SCALER

Convert a dual link HD-SDI signal to HDMI and digital audio with scaling

PRO A/V

### FEATURES:

- Convert and reclock dual or single link HD-SDI to both the HD-SDI output and the HDMI output
- Two HD-SDI inputs can be used as either one dual link HD-SDI input or two switchable single link HD-SDI inputs
- 10 bit resolution for greater precision and dynamic range
- Proprietary 10 bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame rate conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Audio de-embedding
- Color correction
- Noise reduction
- Detail enhancement
- Brightness adjustment
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 control
- Genlock onboard
- Audio transfer from HD-SDI to HDMI

### SPECIFICATIONS:

- Input Video Bandwidth: 2 x 1.485 Gbps
- Output Video Bandwidth: 165 MHz
- Maximum Output Resolution: 1920x1200/60Hz
- HDMI Output Connector: (1) Type A 19 pin female
- SDI/HDSDI Input Connector: (2) BNC female
- SDI/HDSDI Loop-out: (2) BNC female
- Audio Output Port: (1) Analog L+R RCA
- Data Port: (1) DB-9; RS-232 serial communication
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.7"D x 8.4" W x 1.4"H
- Shipping Weight / Unit Weight: 4 lbs. /2 lbs.

## EXT-HDMI-2-HDSDIS



## HDMI TO HD-SDI SCALER

Convert a HDMI 1.2 signal to a dual link HD-SDI signal with scaling

PRO A/V

### FEATURES:

- 10 bit resolution for greater precision and dynamic range
- Proprietary 10 bit motion adaptive video de-interlacing with edge interpolation for HD/SD formats
- Advanced noise reduction and detail enhancement
- Maximum active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller
- Frame conversion to/from any refresh rate
- Pattern mode w/ color bars & cross-hatch patterns
- Color correction
- Noise reduction
- Detail enhancement
- Brightness adjustment
- Gamma selection
- Aspect ratio select
- Custom timing output mode
- French/English menu set
- RS-232 control
- Genlock onboard
- Audio transferred from HDMI to HD-SDI

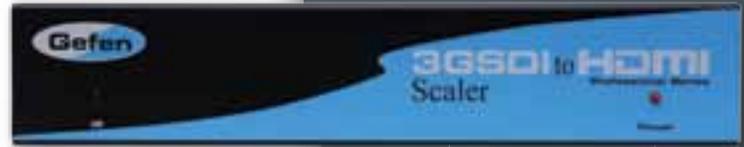
### SPECIFICATIONS:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2 x 1.485 Gbps
- Maximum Input Resolution: 2048x1080
- Maximum Output Resolution: 2048x1080 with dual link HD-SDI
- HDMI 1.2 compliant
- HDMI Input Connector: (1) Type A 19 pin female
- SDI/HD-SDI Output Connector: (2) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.7"D x 8.4" W x 1.6"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

**3G-SDI TO HDMI 1.3 SCALER**

Convert a 3G-SDI signal to HDMI 1.3 with scaling

EXT-3GSDI-2-HDMI1.3S



**FEATURES:**

- 12-bit resolution for greater precision and dynamic range
- Proprietary 12-bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller.
- Frame rate conversion to / from any refresh rate
- Pattern mode w/color bars & coarse hatch patterns
- Advanced film cadence detection; Mosquito and 3D Noise Reduction
- Advanced adaptive detail enhancement and Block Artifact reduction
- Brightness Adjustment, 8-axis Selective color correction, Gamma Selection
- Multiple signal timing modes: genlock, frame lock, and frequency-optimized frame-lock

- Aspect Ratio Select, Custom timing output mode
- RS-232 control
- 50/60Hz 3:2 and 2:2 pull-down
- Latency: 1 frame (when in Genlock mode)
- French/English menu set
- 2D scaling engine



HD-SDI Source



Display

**SPECIFICATIONS:**

- Input Video Bandwidth: 2 x 1.485 Gbps
- Output Video Bandwidth: 225 MHz
- Maximum Output Resolution: 1920x1200/60Hz
- HDMI 1.3 compliant
- HDMI Output Connector: (1) Type A 19 pin female
- SDI/HDSDI Input Connector: (2) BNC female
- SDI/HDSDI Loop-out: (2) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 7.5"D x 8.2" W x 1.1"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

**3G-SDI TO HDMI 1.3 CONVERTER**

Convert a 3G-SDI signal to HDMI 1.3 with scaling



EXT-3GSDI-2-HDMI1.3



**FEATURES:**

- 12-bit resolution for greater precision and dynamic range
- Proprietary 12-bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller.
- Frame rate conversion to / from any refresh rate
- Pattern mode w/color bars & coarse hatch patterns
- Advanced film cadence detection; Mosquito and 3D Noise Reduction
- Advanced adaptive detail enhancement and Block Artifact reduction
- Brightness Adjustment, 8-axis Selective color correction, Gamma Selection
- Multiple signal timing modes: genlock, frame lock, and frequency-optimized frame-lock

- Aspect Ratio Select, Custom timing output mode
- RS-232 control
- 50/60Hz 3:2 and 2:2 pull-down
- Latency: 1 frame (when in Genlock mode)
- French/English menu set
- 2D scaling engine



HD-SDI Source

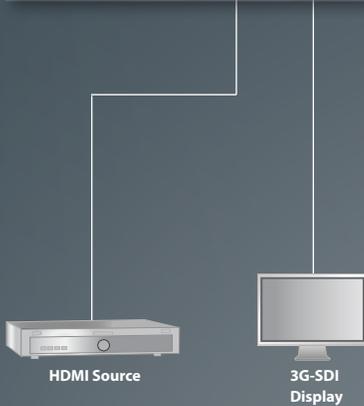


Display

**SPECIFICATIONS:**

- Input Video Bandwidth: 2 x 1.485 Gbps
- Output Video Bandwidth: 225 MHz
- Maximum Output Resolution: 1920x1200/60Hz
- HDMI 1.3 compliant
- HDMI Output Connector: (1) Type A 19 pin female
- SDI/HDSDI Input Connector: (2) BNC female
- SDI/HDSDI Loop-out: (2) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 3.5"D x 7.5" W x 1.1"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

## EXT-HDMI1.3-2-3GSDIS



## HDMI 1.3 TO 3G-SDI SCALER

Convert a 3G-SDI signal to HDMI 1.3 with scaling



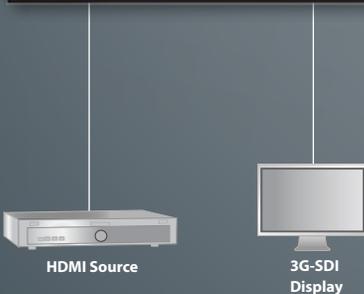
### FEATURES:

- 12-bit resolution for greater precision and dynamic range
- Proprietary 12-bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller.
- Frame rate conversion to / from any refresh rate
- Pattern mode w/color bars & coarse hatch patterns
- Advanced film cadence detection; Mosquito and 3D Noise Reduction
- Advanced adaptive detail enhancement and Block Artifact reduction
- Brightness Adjustment, 8-axis Selective color correction, Gamma Selection
- Multiple signal timing modes: genlock, frame lock, and frequency-optimized frame-lock
- Aspect Ratio Select, Custom timing output mode
- Latency: 1 frame (when in Genlock mode)
- French/English menu set
- 2D scaling engine
- RS-232 control
- 50/60Hz 3:2 and 2:2 pull-down

### SPECIFICATIONS:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2 x 1.485 Gbps
- Maximum Output Resolution: 1920x1200/60Hz
- HDMI 1.3 compliant
- HDMI Input Connector: (1) Type A 19 pin female
- SDI/HDSDI Output Connector: (2) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 7.5"D x 8.2" W x 1.7"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

## EXT-HDMI1.3-2-3GSDI



## HDMI 1.3 TO 3G-SDI CONVERTER

Convert an HDMI 1.3 signal to 3G-SDI



### FEATURES:

- 12-bit resolution for greater precision and dynamic range
- Proprietary 12-bit motion adaptive video de-interlacing with edge interpolation for HD / SD formats
- Advanced noise reduction and detail enhancement
- Max. active image size of 2048 samples x 2048 lines PBP processing for various combinations of video and graphics with alpha blending
- Fully integrated sprite based multi-plane OSD controller.
- Frame rate conversion to / from any refresh rate
- Pattern mode w/color bars & coarse hatch patterns
- Advanced film cadence detection; Mosquito and 3D Noise Reduction
- Advanced adaptive detail enhancement and Block Artifact reduction
- Brightness Adjustment, 8-axis Selective color correction, Gamma Selection
- Multiple signal timing modes: genlock, frame lock, and frequency-optimized frame-lock
- Aspect Ratio Select, Custom timing output mode
- Latency: 1 frame (when in Genlock mode)
- French/English menu set
- 2D scaling engine
- RS-232 control
- 50/60Hz 3:2 and 2:2 pull-down

### SPECIFICATIONS:

- Input Video Bandwidth: 165 MHz
- Output Video Bandwidth: 2 x 1.485 Gbps
- Maximum Output Resolution: 1920x1200/60Hz
- HDMI 1.3 compliant
- HDMI Input Connector: (1) Type A 19 pin female
- SDI/HDSDI Output Connector: (2) BNC female
- Data Port: (1) DB-9; RS-232 serial communication
- Rack Size: 1U (half-width)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 7.5"D x 8.2" W x 1.7"H
- Shipping Weight / Unit Weight: 4 lbs. /1 lb

**WIRELESS FOR HDMI**

Extend HDMI up to 33 feet (10 meters) wirelessly

EXT-WHDMI

**FEATURES:**

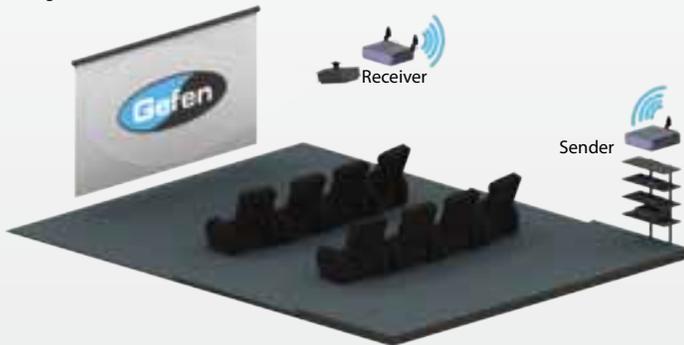
- Real-time, visually lossless HD video compression
- Two HDMI inputs and one Component Video / Analog Audio input
- Support for Dolby 5.1 Surround Sound
- Fully HDMI and HDCP compliant
- Supports HDMI 1.3 Lip Sync features for source devices
- 2-ch Audio and PCM @ 32KHz, 44.1KHz, 48KHz supported as well as multichannel compressed 5.1 audio
- IR Blaster and IR Receiver jacks
- Input Selector Switch

**SPECIFICATIONS:**

- Up to 33 feet line-of-sight wireless operation with 65 Mbps throughput
- Frequency band range: 3.1 - 4.8 GHz
- Resolutions: 480i, 480p, 720p, 1080i and 1080p/24Hz, 25Hz, and 30Hz
- HDMI 1.3 Compatible, HDMI 1.2 Compliant
- Consumer Electronics Control (CEC) compliant
- ADI JPEG 2000 visual lossless compression
- Operating temperature: 0 to 40 degrees C
- Operating humidity: 10% to 90% relative humidity, non-condensing
- Power Supply: 5V DC
- Power Consumption: 12.5 Watts (max)
- FCC Compliant Part 15
- Shipping Weight / Unit Weight: 6 lbs. /1 lb



- HOME THEATER
- PRO A/V
- COMPUTER AUDIO / VIDEO



**POWER RACKS**

The Gefen Power Rack 54 is the perfect solution for cleaning up a rack space area of messy power supply wires as well as centralizing power for an assortment of Gefen devices.

- HOME THEATER
- PRO A/V
- COMPUTER AUDIO / VIDEO
- DIGITAL SIGNAGE

**POWER RACK 54**

**SPECIFICATIONS:**

- Connect four 5 Volt 3 Amp (max.) devices
- Power Supply: 24V DC
- Power Consumption: 60 Watts (max)
- Dimensions: 4.25"D x 17.1" W x 1.7"H
- Shipping Weight / Unit Weight: 6 lbs. /1 lb

EXT-PS5-4R



**POWER RACK 58**

**SPECIFICATIONS:**

- Connect eight 5 Volt 3 Amp (max.) devices
- Power Supply: 24V DC
- Power Consumption: 192 Watts (max)
- Dimensions: 4.25"D x 17.1" W x 1.7"H
- Shipping Weight / Unit Weight: 6 lbs. /1 lb

EXT-PS5-8R



## AV CINEMA SCALER PRO\*

Switch between multiple digital and analog sources with output up to 2K

EXT-AVCINEMAAA



### FEATURES:

- Multiple inputs available; (2) component, (1) VGA, (1) DVI-I, (1) DVI-D, and (1) HDMI
- All inputs, except HDMI, support analog L+R RCA audio and digital coaxial (S/PDIF) audio
- All inputs are format converted and pixel re-scaled
- DB-25 analog audio input; using bypass mode (DB-25 digital audio on digital model)
- DB-25 analog audio output
- On-screen display for easy access of features
- Rack-mountable
- HDMI 1.2 compliant
- HDCP compliant

### SPECIFICATIONS:

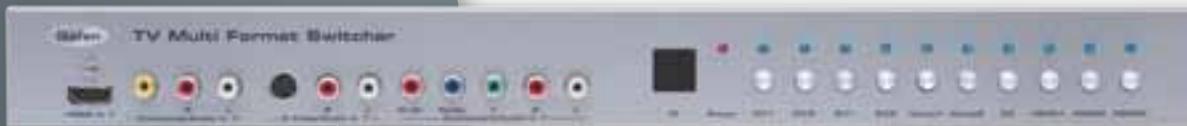
- Digital Maximum Pixel Clock: 165 MHz
- Analog Video Bandwidth: 350 Mhz
- Maximum Input Resolution: 1920x1200/60Hz
- Maximum Output Resolution: 2K; 2048x1080/60Hz
- HDMI Input Connector: (1) Type A 19 pin female
- DVI Input Connector: (2) DVI-I (29 pin) female
- DVI Output Connector: (2) DVI-I (29 pin) female
- Component Input Connector: (2) YPbPr - 3 RCA
- VGA Input Connector: (1) HD-15 female
- Analog Audio Input Connector: (5) L+R RCA, (1) DB-25 (analog model)
- Digital Audio Input Connector: (5) Coaial (S/PDIF), (1) DB-25 (digital model)
- Audio Output Connector: (1) DB-25
- Rack Size: 1.5U (rack-ears included)
- Power Supply: 12V DC
- Power Consumption: 80 Watts (max)
- Dimensions: 8"D x 16.9" W x 1.7"H
- Shipping Weight / Unit Weight: 6 lbs. /2 lbs.

\*Digital Model: [EXT-AVCINEMAAD](#)

## TV MULTI FORMAT SWITCHER

Switch between multiple digital and analog sources to one HDMI output

EXT-TV-MFS



### FEATURES:

- Multi Format Switcher allows more inputs to be connected to one HDTV display
- Multiple inputs available; (2) composite, (2) s-video, (2) component, (1) VGA, and (3) HDMI
- Selectable de-interlacing of 480i/576i sources to 480p/576p using back panel button
- Supports resolutions up to 1920x1200/60Hz
- All inputs are format converted and output through HDMI
- Support audio delay for 150ms on all analog inputs
- 3D noise reduction (DNR) and 3D comb filter
- Discrete front panel switching
- Discrete switching via integrated RS-232 serial communications
- Discrete IR remote (included)
- Rack-mountable
- HDMI 1.3 compliant; Deep Color video up to 10bit 1080p-24Hz/60Hz, Dolby TrueHD, DTS-HD Master Audio
- HDCP compliant

### SPECIFICATIONS:

- Digital maximum pixel clock: 225MHz
- Analog Video Bandwidth: 350 Mhz
- Input DDC Signal: 5 Volts p-p (TTL)
- Input Video Signal: 1.2 Volts p-p
- Maximum Resolution: 1080p/1920 x 1200/60Hz
- HDMI Input Connector: (3) Type A 19 Pin female
- HDMI Output Connector: (1) Type A 19 Pin female
- Component Input Connector: (2) YPbPr - 3 RCA
- Composite Input Connector: (2) CVBS - 1 RCA
- VGA Input Connector: (1) HD-15 female
- S-video Input connector: (1) Y/C - 4 pin mini-DIN
- Analog Audio Input Connector: (6) L+R RCA, (1) 3.5mm stereo mini-jack
- Rack Size: 1U (rack-ears included)
- Power Supply: 5V DC
- Power Consumption: 20 Watts (max)
- Dimensions: 6.2"D x 17.2" W x 1.8"H
- Shipping Weight / Unit Weight: 6 lbs. / 2 lbs.

## AUDIO/VIDEO SCALER PRO

Switch between multiple digital and analog sources with output up to 1080p

EXT-GSCALER-PRO



### SPECIFICATIONS:

- Digital Maximum Pixel Clock: 165 MHz
- Analog Video Bandwidth: 350 Mhz
- Input DDC Signal: 5 Volts p-p (TTL)
- Input Video Signal: 1.2 Volts p-p
- Maximum Resolution: 1080p/1920 x 1200
- HDMI Input Connector: (1) Type A 19 Pin female
- HDMI Output Connector: (1) Type A 19 Pin female
- DVI Input Connector: (1) DVI-I (29 pin) female
- Component Input Connector: (1) YPbPr - 3 RCA
- Composite Input Connector: (1) CVBS - 1 RCA
- S-video Input connector: (1) Y/C - 4 pin mini-DIN
- Analog Audio Input Connector: (3) L+R RCA, (1) 3.5mm stereo mini-jack
- Digital Audio Input Connector: (2) Coaxial (S/PDIF), (2) Optical (TOSLINK)
- Digital Audio Output Connector: (1) Coaxial (S/PDIF), (1) Optical (TOSLINK)
- Remote Control Port: (1) DB-9; RS-232 serial communication
- Rack Size: 1U (rack-ears included)
- Power Supply/Power Consumption : 24V DC/ 60 Watts (max)
- Dimensions: 6.7"D x 17.1" W x 1.6"H
- Shipping Weight / Unit Weight: 6 lbs. /2 lbs.

### FEATURES :

- Both digital and analog inputs are format converted and pixel re-scaled @ 1080p to match the native resolution of your display
- Integrated 8-bit triple-ADC/PLL
- Dual 3-D motion video source adaptive de-interlacers with smooth low angle edge
- Auto 3:2 pull-down and 2:2 pull-down detection & recovery
- High performance frame rate conversion engine
- Proprietary Advanced Color Engine Technology
- Option to select audio input from HDMI or TOSLINK/SPDIF audio source
- 3-D noise reduction (composite and s-video inputs only)
- Control features with included remote via on-screen display
- Digital audio delay to match audio/video timing
- Less then one frame delay for smooth video when gaming
- Aspect Ratio Control
- Reset Button
- Rack-mountable
- HDMI 1.2 compliant
- HDCP compliant



## AUDIO/VIDEO SCALER PRO WITH AMPLIFIED AUDIO

Switch between multiple digital and analog sources with video output up to 1080p and 20 watt RMS amplified stereo audio outputs

EXT-AVSCALER-PRO



### SPECIFICATIONS:

- Digital Maximum Pixel Clock: 165 MHz
- Analog Video Bandwidth: 350 Mhz
- Input DDC Signal: 5 Volts p-p (TTL)
- Input Video Signal: 1.2 Volts p-p
- Maximum Resolution: 1080p/1920 x 1200
- Maximum Amplification: 20 Watts RMS per output
- HDMI Input Connector: (1) Type A 19 Pin female
- HDMI Output Connector: (1) Type A 19 Pin female
- DVI Input Connector: (1) DVI-I (29 pin) female
- Component Input Connector: (1) YPbPr - 3 RCA
- Composite Input Connector: (1) CVBS - 1 RCA
- S-video Input connector: (1) Y/C - 4 pin mini-DIN
- Analog Audio Input Connector: (3) L+R RCA, (1) 3.5mm stereo mini-jack
- Digital Audio Input Connector: (2) Coaxial (S/PDIF), (2) Optical (TOSLINK)
- Digital Audio Output Connector: (1) Coaxial (S/PDIF), (1) Optical (TOSLINK)
- Amplified Audio Outputs: (4) Spring clip
- Remote Control Port: (1) DB-9; RS-232 serial communication
- Power Supply/Power Consumption : 24V DC/ 60 Watts (max)
- Rack Size: 1U (rack-ears included)
- Dimensions: 6.7"D x 17.1" W x 1.6"H
- Shipping Weight / Unit Weight: 6 lbs. /2 lbs.

### FEATURES :

- Both digital and analog inputs are format converted and pixel re-scaled @ 1080p to match the native resolution of your display
- 20 Watt x 2 (RMS) Amplified audio suitable for audio monitoring in a studio or home theater environment
- Integrated 8-bit triple-ADC/PLL
- Dual 3D motion video source adaptive deinterlacers with smooth low angle edge
- Auto 3:2 pull-down and 2:2 pull-down detection
- High performance frame rate conversion engine
- Proprietary Advanced Color Engine Technology
- Option to select audio input from HDMI or TOSlink/SPDIF audio source
- 3D noise reduction (composite and s-video inputs only)
- Control features with included remote via on-screen display
- Digital Audio Delay to match audio/video timing
- Less then one frame delay for smooth video when gaming
- Aspect Ratio Control
- Reset Button
- Rack-mountable
- HDMI 1.2 compliant
- HDCP compliant





## DVI/HDMI COMBO WALLPLATE

Terminates HDMI and DVI connectors to the wall. The HDMI/DVI Combo wallplate is made to fit into a standard U.S. wall mount, similar to an AC outlet or light switch. Ideal solution for HDMI and DVI cable extensions for home or business locations.

### SPECIFICATIONS:

- HDMI Input/Output Connector: Type A 19pin
- DVI Input/Output Connector: DVI-I 29 pin female
- Dimensions: 2.75 inches x 4.5 inches

Allows you to terminate DVI/HDMI connectors at the wall for in-wall installation.

- WP-HDMI-DVI** (stainless steel)
- WP-HDMI-DVI-W** (white)
- WP-HDMI-DVI-I** (ivory)



## HDMI WALLPLATE

Terminates HDMI connector to the wall. The HDMI wallplate is made to fit into a standard U.S. wall mount, similar to an AC outlet or light switch. Ideal solution for HDMI cable extensions for home or business locations.

### SPECIFICATIONS:

- HDMI Input/Output Connector: Type A 19 pin
- Dimensions: 2.75 inches x 4.5 inches

Allows you to terminate HDMI connectors at the wall for in-wall installation.

- WP-HDMI** (stainless steel)
- WP-HDMI-W** (white)
- WP-HDMI-I** (ivory)



## DVI WALLPLATE

Terminates DVI connector to the wall. The DVI wallplate is made to fit into a standard U.S. wall mount, similar to an AC outlet or light switch. Ideal solution for DVI cable extensions for home or business locations.

### SPECIFICATIONS:

- DVI Input/Output Connector: DVI-I 29 pin female
- Dimensions: 2.75 inches x 4.5 inches

Allows you to terminate DVI/HDMI connectors at the wall for in-wall installation.

- WP-DVI** (stainless steel)
- WP-DVI-W** (white)
- WP-DVI-I** (ivory)

## HDMI RIGHT ANGLE WALLPLATE

Terminates HDMI connector at the wall. The HDMI Wallplate is made to fit into a standard US wall mount, similar to an AC outlet or light switch. Ideal solution for HDMI cable extensions for home or business locations. HDMI connector included.

### SPECIFICATIONS:

- HDMI Input/Output Connector: Type A 19 pin
- Dimensions: 2.75"W x 4.5"
- Allows you to terminate HDMI connectors at the wall for in-wall installation.

**WP-HDMI-RA (stainless steel)**



## CAT5/5E WALL PLATE

Terminates CAT5/5E at the wall. The CAT5/CAT5e wall plate is made to fit into a standard single US wall mount hole in an identical manner as AC outlets or light switches.

### SPECIFICATIONS:

- Cable standards supported: CAT5, CAT5e
- Connector Type: RJ45 sockets
- Dielectric Strength: 1000 VAC RMS, 50 or 60 Hz for 1 Minute
- Connector Housing: ABS, UL94V-0, BLACK
- Terminal: Phosphor bronze plated with gold and tin in solder area
- Durability: 750 cycles (min.)
- Wall Plate Dimensions: 4.5" W x 2.7"H x 1.2"D
- Shipping Weight: 1 lb

**WP-CAT5-2X-W (white)**

**WP-CAT5-2X-I (ivory)**





## DVI FIBER OPTIC - FIBER OPTIC BASED DVI CABLES

CAB-DVIFO-30MM	DVIFO DVI-D FIBER OPTIC CABLE 33 FT (M-M)
CAB-DVIFO-60MM	DVIFO DVI-D FIBER OPTIC CABLE 66 FT (M-M)
CAB-DVIFO-100MM	DVIFO DVI-D FIBER OPTIC CABLE 100 FT (M-M)
CAB-DVIFO-150MM	DVIFO DVI-D FIBER OPTIC CABLE 166 FT (M-M)
CAB-DVIFO-210MM	DVIFO DVI-D FIBER OPTIC CABLE 210 FT (M-M)
CAB-DVIFO-330MM	DVIFO DVI-D FIBER OPTIC CABLE 330 FT (M-M)

Fiber Optic based cables that exceed the performances of the copper and silver made cables. An integrated DVI-D cable solution which includes the fiber optics components built into the cable and the DVI connectors. DVI Fiber Optic cable requires a clearance of 1-1/2" wide conduit. Available in lengths of 33-1500\* feet. These cables are for computer use only.

\*FOR CABLES OVER 330 FEET. PLEASE CALL US FOR PRICING AND AVAILABILITY.



## HDTV EXTREME CABLES

CAB-HDTV-30MM	HDTV DVI-D Fiber Optic Cable 33 ft (M-M)
CAB-HDTV-50MM	HDTV DVI-D Fiber Optic Cable 50 ft (M-M)
CAB-HDTV-60MM	HDTV DVI-D Fiber Optic Cable 66 ft (M-M)
CAB-HDTV-75MM	HDTV DVI-D Fiber Optic Cable 75 ft (M-M)
CAB-HDTV-100MM	HDTV DVI-D Fiber Optic Cable 100 ft (M-M)
CAB-HDTV-135MM	HDTV DVI-D Fiber Optic Cable 135 ft (M-M)
CAB-HDTV-150MM	HDTV DVI-D Fiber Optic Cable 166 ft (M-M)
CAB-HDTV-210MM	HDTV DVI-D Fiber Optic Cable 210 ft (M-M)
CAB-HDTV-300MM	HDTV DVI-D Fiber Optic Cable 330 ft (M-M)

An integrated DVI-D cable solution which includes fiber optic components and DDC circuitry built into the cable assembly. Requires a clearance of 1-1/2" wide conduit. These cables are HDCP compliant.

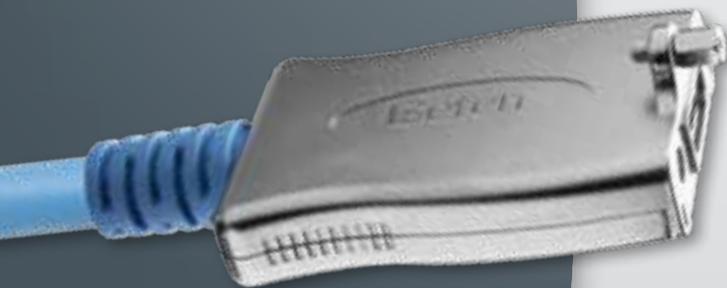


## HDMI 1.3 EXTREME FIBER OPTIC CABLES

### Fiber Optic Based HDMI Cables

Integrated fiber optic cable and electro-optical components built into the HDMI connector at the endpoints. Requires a clearance of 1.42"(36mm) wide conduit. Maximum resolution of 1920x1200. HDCP compliant. HDMI 1.3 compliant.

CAB-HDMIX1.3-50MM	HDMI 1.3 FIBER OPTIC CABLE 50 FT
CAB-HDMIX1.3-60MM	HDMI 1.3 FIBER OPTIC CABLE 60 FT
CAB-HDMIX1.3-100MM	HDMI 1.3 FIBER OPTIC CABLE 100 FT
CAB-HDMIX1.3-150MM	HDMI 1.3 FIBER OPTIC CABLE 150 FT
CAB-HDMIX1.3-300MM	HDMI 1.3 FIBER OPTIC CABLE 300 FT



## HDMI BOOSTER CABLES

Integrated HDMI cable solution that includes the booster component built into the cable.

### Features:

- Perfect 1080p digital video every time
- Extends HDMI displays away from the HDTV source
- Supports resolutions up to 1080p, 2K, and 1920 x 1200
- HDMI compliant
- HDCP compliant

CAB-HDMISB-50	HDMI BOOSTER CABLE 50FT (M-M)
CAB-HDMISB-75	HDMI BOOSTER CABLE 80 FT (M-M)
CAB-HDMISB-100	HDMI BOOSTER CABLE 100 FT (M-M)
CAB-HDMISB-125	HDMI BOOSTER CABLE 130 FT (M-M)
CAB-HDMISB-150	HDMI BOOSTER CABLE 166 FT (M-M)

**HDMI 1.3 CABLES**

CAB-HDMI-01MM	HDMI CABLE 1 FT (M-M)
CAB-HDMI-06MM	HDMI CABLE 6 FT (M-M)
CAB-HDMI-10MM	HDMI CABLE 10 FT (M-M)
CAB-HDMI-15MM	HDMI CABLE 15 FT (M-M)
CAB-HDMI-25MM	HDMI CABLE 25 FT (M-M)
CAB-HDMI-30MM	HDMI CABLE 30 FT (M-M)
CAB-HDMI-50MM	HDMI CABLE 50 FT (M-M)

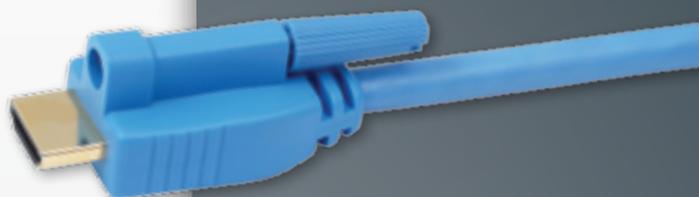
The 1 - 50 feet HDMI cables support resolutions up to 1080p. The 50 feet HDMI cable support resolutions up to 1080i. These cables are HDCP compliant. With a HDMI Booster, the 40 and 50 feet cables are good for resolutions up to 1080p.



**LOCKING HDMI CABLES**

CAB-HDMI-LCK-06MM	HDMI TO LOCKING CABLE 6 FT (M-M) - RETAIL
CAB-HDMI-LCK-10MM	HDMI TO LOCKING CABLE 10 FT (M-M) - RETAIL
CAB-HDMI-LCK-15MM	HDMI TO LOCKING CABLE 15 FT (M-M) - RETAIL
CAB-HDMI-LCK-30MM	HDMI TO LOCKING CABLE 30 FT (M-M) - RETAIL
CAB-HDMI-LCK-50MM	HDMI TO LOCKING CABLE 50 FT (M-M) - RETAIL

HDMI Locking cables are to be used in devices that support them. The single locking screw allows a secure connection to the device.



**SIMPLAY HD HDMI CABLES**

CAB-HDMI-SHD-06MM	SIMPLAY HD HDMI CABLE 6 FT (M-M)
CAB-HDMI-SHD-10MM	SIMPLAY HD HDMI CABLE 10 FT (M-M)
CAB-HDMI-SHD-15MM	SIMPLAY HD HDMI CABLE 15 FT (M-M)

Verified by Simplay for HDMI 1.3a Cat. 1



**DVI TO HDMI CABLES**

CAB-DVI2HDMI-06MM	DVI TO HDMI CABLE 6FT (M-M)
CAB-DVI2HDMI-10MM	DVI TO HDMI CABLE 10 FT (M-M)
CAB-DVI2HDMI-15MM	DVI TO HDMI CABLE 15FT (M-M)
CAB-DVI2HDMI-30MM	DVI TO HDMI CABLE 30 FT (M-M)
CAB-DVI2HDMI-50MM	DVI TO HDMI CABLE 50 FT (M-M)

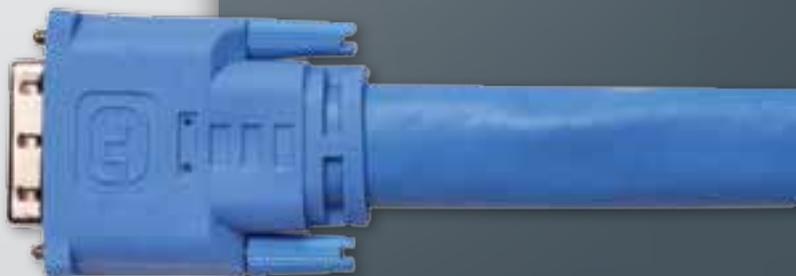
Use these cables to convert DVI devices such as a PC to an HDMI display. These cables are HDCP compliant.



**DUAL LINK DVI DLX CABLES**

CAB-DVIC-DLX-60MM	DUAL LINK DVI CABLE 60 FT (M-M)
CAB-DVIC-DLX-100MM	DUAL LINK DVI CABLE 100 FT (M-M)
CAB-DVIC-DLX-130MM	DUAL LINK DVI CABLE 130 FT (M-M)
CAB-DVIC-DLX-160MM	DUAL LINK DVI CABLE 160 FT (M-M)
CAB-DVIC-DLX-200MM	DUAL LINK DVI CABLE 200 FT (M-M)

Copper based DVI Dual Link cables are available in lengths 60, 100, 130, 160 and 200 feet. These cables are HDCP compliant.





## DISPLAYPORT CABLE

Copper based DisplayPort cable for optimum resolution.

CAB-DP-RP-06	DISPLAY PORT CABLE 6 FT (M-M)
CAB-DP-RP-10	DISPLAY PORT CABLE 10 FT (M-M)
CAB-DP-RP-15	DISPLAY PORT CABLE 15 FT (M-M)
CAB-DP-RP-25	DISPLAY PORT CABLE 25 FT (M-M)
CAB-DP-RP-30	DISPLAY PORT CABLE 30 FT (M-M)
CAB-DP-RP-50	DISPLAY PORT CABLE 50 FT (M-M)



## USB ACTIVE CABLES

Up to 5 Active extension cables can be linked together to reach a maximum length of 80 feet.

CAB-USB-16-RP-CO	ACTIVE USB 2.0 16 FT EXTENSION CABLE
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## HDMI CL3 CABLES

Copper based CL3 rated cables with lengths of 30 and 50 feet. The 30 foot HDMI CL3 cables support the following resolutions up to 1080p. The 50 foot HDMI CL3 cable support resolutions up to 1080i. These cables are HDCP compliant and have a fire retardant jacket for in wall installation. With an HDMI Booster, the 30 and 50 foot cables are good for resolutions up to 1080p.

CAB-HDMICL3-30MM	HDMI CABLE CL3 30 FT (M-M)
CAB-HDMICL3-50MM	HDMI CABLE CL3 50 FT (M-M)



## DUAL LINK APPLE ACTIVE COMBO EXTENSION CABLES

Extends Dual Link DVI, FireWire, and USB in one cable.

### FEATURES:

- Extends any Apple Cinema Display including the 30" DVI Apple Cinema Displays.
- High-quality, multi-shielded wires prevent signal degradation issues.
- Uses a DVI DL Booster for active extension

*Available in lengths of 10 feet or 15 feet*

### SPECIFICATIONS:

- Supports resolutions up to 3840 x 2400
- DVI-D connectors (M-F)
- Power Supply: 5V DC
- Power Consumption: 5 Watts (max)
- Shipping Weight: 7 lbs.

*Available in lengths of 10 feet or 15 feet*

EXT-APPLECOMBO-DL-10
EXT-APPLECOMBO-DL-15

## VGA CABLES

CAB-VGA-6MM	SVGA-SVGA 6 FT CABLE (M-M)
CAB-VGA-6MF	SVGA-SVGA 6 FT CABLE (M-F)
CAB-VGA-10MM	SVGA-SVGA 10 FT CABLE (M-M)
CAB-VGA-15MF	SVGA-SVGA 15 FT CABLE (M-F)
CAB-VGA-15MM	SVGA-SVGA 15 FT CABLE (M-M)
CAB-VGA-25MF	SVGA-SVGA 25 FT CABLE (M-F)
CAB-VGA-25MM	SVGA-SVGA 25 FT CABLE (M-M)
CAB-VGA-50MF	SVGA-SVGA 50 FT CABLE (M-F)
CAB-VGA-50MM	SVGA-SVGA 50 FT CABLE (M-M)



## VGA TO COMPONENT CABLES

VGA (HD-15) to high quality 3 RCA Component cables.

CAB-VGA-2-CMP06	6 FT VGA TO COMPONENT CABLE (M-M)
CAB-VGAF-2-CMP06	6 FT VGA TO COMPONENT CABLE (F-M)
CAB-VGA-2-CMP10	10 FT VGA TO COMPONENT CABLE (M-M)
CAB-VGA-2-CMP15	15 FT VGA TO COMPONENT CABLE (M-M)



## VGA TO RBGHV 6 FT CABLE

Gefen VGA to RGBHV cables provide an easy solution for breaking out the individual lines of signal to BNC connectors for easy adapting to displays with BNC inputs.

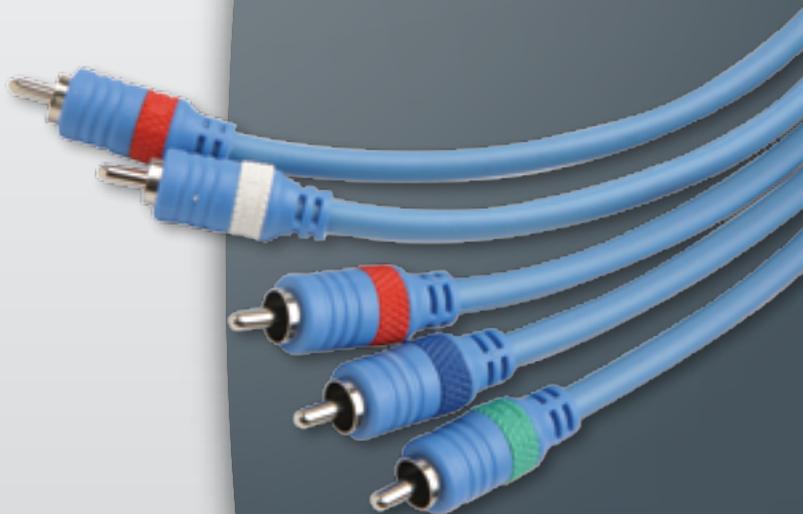
CAB-VGA-RGB-06	6 FT VGA TO RGBHV CABLE (M-M)
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## 3 RCA COMPONENT CABLES

High quality 3 RCA Component cables.

CAB-CMP-06MM	6 FT 3 RCA COMPONENT CABLE (M-M)
CAB-CMP-12MM	12 FT 3 RCA COMPONENT CABLE (M-M)
CAB-CMP-15MM	15 FT 3 RCA COMPONENT CABLE (M-M)
CAB-CMP-25MM	25 FT 3 RCA COMPONENT CABLE (M-M)



## 5 RCA COMPONENT CABLES

CAB-CMP5RCA-06MM	6 FT 5 RCA COMPONENT CABLE (M-M)
CAB-CMP5RCA-10MM	10 FT 5 RCA COMPONENT CABLE (M-M)
CAB-CMP5RCA-15MM	15 FT 5 RCA COMPONENT CABLE (M-M)
CAB-CMP5RCA-25MM	25 FT 5 RCA COMPONENT CABLE (M-M)



## COPPER BASED DVI CABLES

CAB-DVIC-06MM	COPPER BASED DVI CABLE 06 FT (M-M)
CAB-DVIC-10MM	COPPER BASED DVI CABLE 10 FT (M-M)
CAB-DVIC-15MM	COPPER BASED DVI CABLE 15 FT (M-M)
CAB-DVIC-20MM	COPPER BASED DVI CABLE 20 FT (M-M)
CAB-DVIC-25MM	COPPER BASED DVI CABLE 25 FT (M-M)
CAB-DVIC-50MM	COPPER BASED DVI CABLE 50 FT (M-M)



## FIREWIRE CABLES

CAB-FW-6B	FIREWIRE 800 6 FT (M-M)
CAB-FW-15B	FIREWIRE 800 15 FT (M-M)
CAB-FW-33B	FIREWIRE 800 33 FT (M-M)
CAB-FW-6	FIREWIRE 400 6 FT (M-M)
CAB-FW-15	FIREWIRE 400 15 FT (M-M)
CAB-FW-33	FIREWIRE 400 33 FT (M-M)
CAB-FW-9266	FIREWIRE 800 TO 400 6 FT (M-M)
CAB-FW-92615	FIREWIRE 800 TO 400 15 FT (M-M)
CAB-FW-92633	FIREWIRE 800 TO 400 33 FT (M-M)



## CAT-5 CABLES

CAB-CAT5-025	CAT5 25 FT CABLE
CAB-CAT5-050	CAT5 50 FT CABLE
CAB-CAT5-075	CAT5 75 FT CABLE
CAB-CAT5-100	CAT5 100 FT CABLE
CAB-CAT5-150	CAT5 150 FT CABLE
CAB-CAT5-200	CAT5 200 FT CABLE
CAB-CAT5-250	CAT5 250 FT CABLE
CAB-CAT5-300	CAT5 300 FT CABLE

## SHIELDED CAT-5 CABLES

CAB-CAT-5S-010	SHIELDED CAT5 10 FT CABLE
CAB-CAT-5S-025	SHIELDED CAT5 25 FT CABLE
CAB-CAT-5S-030	SHIELDED CAT5 30 FT CABLE
CAB-CAT-5S-050	SHIELDED CAT5 50 FT CABLE
CAB-CAT-5S-075	SHIELDED CAT5 75 FT CABLE
CAB-CAT-5S-100	SHIELDED CAT5 100 FT CABLE
CAB-CAT-5S-150	SHIELDED CAT5 150 FT CABLE
CAB-CAT-5S-200	SHIELDED CAT5 200 FT CABLE
CAB-CAT-5S-250	SHIELDED CAT5 250 FT CABLE
CAB-CAT-5S-300	SHIELDED CAT5 300 FT CABLE



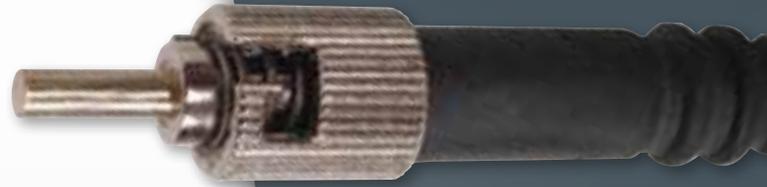
## CAT-6a CABLES

CAB-CAT6AS-010	SHIELDED CAT6A 10 FOOT CABLE
CAB-CAT6AS-025	SHIELDED CAT6A 25 FOOT CABLE
CAB-CAT6AS-030	SHIELDED CAT6A 30 FOOT CABLE
CAB-CAT6AS-075	SHIELDED CAT6A 75 FOOT CABLE
CAB-CAT6AS-100	SHIELDED CAT6A 100 FOOT CABLE
CAB-CAT6AS-150	SHIELDED CAT6A 150 FOOT CABLE
CAB-CAT6AS-200	SHIELDED CAT6A 200 FOOT CABLE
CAB-CAT6AS-250	SHIELDED CAT6A 250 FOOT CABLE

**FIBER OPTIC CABLES**

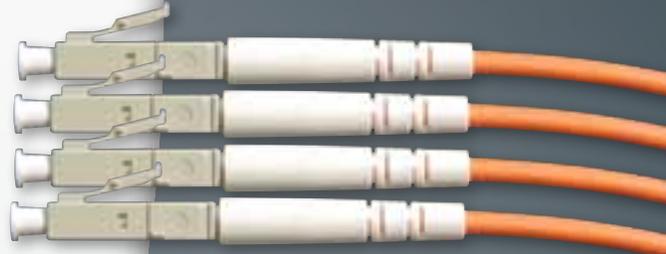
**4 STRAND ST**

CAB-ST-0030	4 STRAND ST FIBER OPTIC LINK - 33FT CABLE
CAB-ST-0060	4 STRAND ST FIBER OPTIC LINK - 66 FT CABLE
CAB-ST-0100	4 STRAND ST FIBER OPTIC LINK - 100 FT CABLE
CAB-ST-0150	4 STRAND ST FIBER OPTIC LINK - 150 FT CABLE
CAB-ST-0200	4 STRAND ST FIBER OPTIC LINK - 200 FT CABLE
CAB-ST-0300	4 STRAND ST FIBER OPTIC LINK - 300 FT CABLE
CAB-ST-0600	4 STRAND ST FIBER OPTIC LINK - 600 FT CABLE
CAB-ST-1000	4 STRAND ST FIBER OPTIC LINK - 1000 FT CABLE



**4 STRAND LC-LC**

CAB-LC-30	4 STRAND LC-LC FIBER OPTIC LINK - 30 FT CABLE
CAB-LC-60	4 STRAND LC-LC FIBER OPTIC LINK - 60 FT CABLE
CAB-LC-100	4 STRAND LC-LC FIBER OPTIC LINK - 100 FT CABLE
CAB-LC-150	4 STRAND LC-LC FIBER OPTIC LINK - 150 FT CABLE
CAB-LC-200	4 STRAND LC-LC FIBER OPTIC LINK - 200 FT CABLE
CAB-LC-300	4 STRAND LC-LC FIBER OPTIC LINK - 300 FT CABLE
CAB-LC-600	4 STRAND LC-LC FIBER OPTIC LINK - 600 FT CABLE
CAB-LC-1000	4 STRAND LC-LC FIBER OPTIC LINK - 1000 FT CABLE



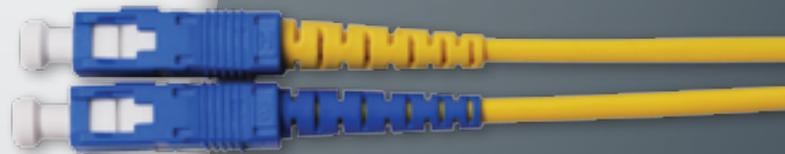
**2 STRAND LC-LC**

CAB-2LC-30	2 STRAND LC-LC FIBER OPTIC LINK - 30 FT CABLE
CAB-2LC-60	2 STRAND LC-LC FIBER OPTIC LINK - 60 FT CABLE
CAB-2LC-100	2 STRAND LC-LC FIBER OPTIC LINK - 100 FT CABLE
CAB-2LC-150	2 STRAND LC-LC FIBER OPTIC LINK - 166 FT CABLE
CAB-2LC-300	2 STRAND LC-LC FIBER OPTIC LINK - 330 FT CABLE



**2 STRAND SC-SC**

CAB-2LC-30	2 STRAND LC-LC FIBER OPTIC LINK - 30 FT CABLE
CAB-2LC-60	2 STRAND LC-LC FIBER OPTIC LINK - 60 FT CABLE
CAB-2LC-100	2 STRAND LC-LC FIBER OPTIC LINK - 100 FT CABLE
CAB-2LC-150	2 STRAND LC-LC FIBER OPTIC LINK - 166 FT CABLE
CAB-2LC-300	2 STRAND LC-LC FIBER OPTIC LINK - 330 FT CABLE



**1 DUPLEX MTRJ-MTRJ**

CAB-MTRJ-25	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 25 FT CABLE
CAB-MTRJ-50	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 50 FT CABLE
CAB-MTRJ-75	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 75 FT CABLE
CAB-MTRJ-100	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 100 FT CABLE
CAB-MTRJ-150	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 150 FT CABLE
CAB-MTRJ-200	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 200 FT CABLE
CAB-MTRJ-250	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 250 FT CABLE
CAB-MTRJ-300	1 DUPLEX MTRJ-MTRJ FIBER OPTIC LINK - 300 FT CABLE



# ADAPTERS



## HDMI TO DVI LEFT ADAPTER

HDMI male to DVI female  
**ADA-HDMIM-2-DVIFL**



## HDMI TO DVI RIGHT ADAPTER

HDMI male to DVI female  
**ADA-HDMIM-2-DVIFR**



## DVI TO DVI AND RGBHV

DVI-I male to DVI-I female and 3 female BNC  
**ADA - DVI - 2 - DVIRGBHV**



## DVI TO DVI AND VGA

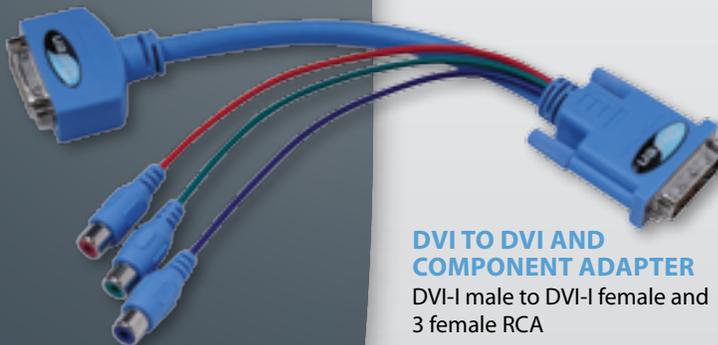
**ADA - DVI - 2 - DVIVGA**



## USB TO PS/2 ADAPTER

Connects a PS/2 mouse and keyboard to a USB port

**ADA-USB-PS2**



## DVI TO DVI AND COMPONENT ADAPTER

DVI-I male to DVI-I female and 3 female RCA

**ADA - DVI - 2 - DVICMP**



**DVI TO VGA ADAPTER**

DVI-I to HD-15  
**ADA - DVI - 2 -VGA2**

HD-15 to DVI-A  
**ADA - DVI - 2 -VGA**



**HDMI TO DVI ADAPTER**

HDMI female to DVI female  
**ADA-HDMIF-2-DVIF**

**DVI MATE WITH POWER  
 DVI (FEMALE-FEMALE) ADAPTER**

**FEATURES:**

- Connects two DVI cables together

**SPECIFICATIONS:**

- DVI Connector: DVI-I 29 pin female
- Dimensions: 1.7"W x 1"H x .7"D
- Shipping Weight: 1 lb

**ADA-DVI-FFWPN**



**HDMI TO DVI ADAPTER**

HDMI male to DVI female  
**ADA-HDMIM-2-DVIF**



**DVI MATE  
 DVI (FEMALE-FEMALE)  
 ADAPTER**

**FEATURES:**

- Connects two DVI cables together

**SPECIFICATIONS:**

- DVI Connector: DVI-I 29 pin female
- Dimensions: 1.7"W x 1"H x .7"D
- Shipping Weight: 1 lb

**ADA-DVI-FFN**



**DVI TO HDMI ADAPTER**

DVI male to HDMI female  
**ADA-DVIM-2-HDMIF**



**HDMI MATE**

HDMI female to female adapter

**FEATURES:**

- Connects two HDMI cables

**SPECIFICATIONS:**

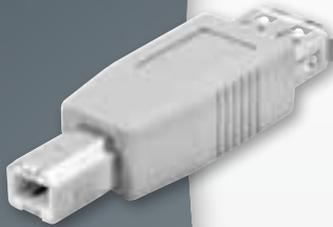
- HDMI Connector: HDMI type A 19 pin female, HDMI 1.3
- Dimensions: 1.6"W x 1"H x 1.3"D
- Shipping Weight: 1 lb

**ADA-HDMI-FF**





**FIREWIRE 400 FEMALE TO FEMALE ADAPTER**  
**ADA-FW-1394FF**



**USB-A FEMALE TO USB-B MALE ADAPTER**  
**ADA-USB-AFBM**



**USB-A FEMALE TO USB-A FEMALE ADAPTER**  
**ADA-USB-AFF**



**MINI STEREO TO RCA ADAPTER**  
**ADA-3.5 MM-2-RCA**



**VGA FEMALE TO FEMALE**  
Provides simple, economical adaption from VGA male cable end to another a male end.  
**ADA-VGA-FF**



**VGA MALE TO MALE ADAPTER**  
Provides simple, economical adaption from VGA female cable end to another female end.  
**ADA-VGA-MM**



**VGA MALE TO FEMALE ADAPTER**  
Provides a simple, economical way to extend a VGA cable. This adapter will connect a female cable to a male cable.  
**ADA-VGA-MF**

**RACK SHELF**

Rackmount shelf for Gefen products.



EXT-RACK-1U CAT-5 RACK(1U)

**4X4 MATRIX RMT REMOTE**

Control your 4x4 Matrix switcher from 1000 feet away.

- Switch video wirelessly via Infra-Red using the RMT4-IR
- RS-232 port allows a remote computer or device to control switching
- Includes 10 foot CAT-5 Cable

**FOR USE WITH:**

- 4x4 HDTV Matrix
- 4x4 DVI Matrix

EXT-RMT-MATRIX-444



**CAT-5 TO SERIAL REMOTE INTERFACE**



EXT-RMT-2-CAT5

Controls 4x4 Matrix switchers from 4 separate locations.

**FOR USE WITH:**

4x4 Matrix Switchers

**GEFEN IR EXTENDER**

Relocate the IR on Gefen products. Relocate your HDTV switcher 6 feet away with the Gefen IR Extender.

**FOR USE WITH:**

- 2x1 HDMI Switcher
- 2x2 HDMI Switcher
- 3x1 HDMI Switcher
- 4x1 HDMI Switcher
- 4x2 HDMI Switcher
- 6x2 HDMI Switcher
- 4x4 HDMI Matrix
- 2x1 HDTV Switcher
- 4x1 DVI Switcher
- 8x1 DVI Switcher
- 2x1 Digital Audio Switcher

EXT-RMT-EXTIR



**RMT 2 REMOTE CONTROL**

Controls your switcher from a distance.

EXT-RMT-2

The RMT-2 remote lets you control your 2 port switchers while hiding the switcher unit. Uses a mini stereo cable to connect to the switcher. (Includes a 10 foot cable)

**FOR USE WITH:**

- 2x1 DVI KVM
- 2x1 DVI SL
- 2x1 DVI DL
- 2x1 USB Switcher



EXT-RMT-4

**RMT 4 REMOTE CONTROL**

The RMT-4 remote lets you control your KVM switcher remotely.

- The RMT-4 requires a shielded CAT-5 cable to provide grounding.
- Includes 10 foot shielded CAT-5 cable.

**FOR USE WITH:**

- 4x4 HDTV Matrix
- 4x4 DVI Matrix
- 4x1 DVI/ADC Switcher
- 4x2 DVI Switcher
- 4x1 DVI DL Switcher
- 1x4 DVI Monitor Switcher
- 4x1 VGA Switcher

**RMT-4 (2 BUTTON) REMOTE CONTROL**

Controls your switcher remotely.

**FOR USE WITH:**

- 2x2 DVI Switcher
- 2x2 VGA Switcher

EXT-RMT-2X2



EXT-RMT-2IR



**RMT 2-IR REMOTE CONTROL**  
**Controls your switcher remotely.**  
**FOR USE WITH:**  
 2x1 HDMI Switcher  
 2x2 HDMI Switcher  
 2x4 HDMI Switcher/Splitter  
 2x8 HDMI DA  
 2x8 HDTV DA  
 2x1 Digital Audio  
 2x1 HDTV Switcher  
 2x1 DVI SL Switcher  
 2x1 DVI DL Switcher

**RMT 6-IR REMOTE CONTROL**  
**Controls your switcher remotely.**  
**FOR USE WITH:**  
 6X2 HDMI Switcher  
**EXT-RMT-6IR**



EXT-RMT-3IR



**RMT 3-IR REMOTE CONTROL**  
**Controls your switcher remotely.**  
**FOR USE WITH:**  
 3X1 HDMI Switcher

**RMT 8-IR REMOTE CONTROL**  
**Controls your switcher remotely.**  
**FOR USE WITH:**  
 8X1 DVI Switcher  
**EXT-RMT-8IR**



EXT-RMT-4IR



**RMT 4-IR REMOTE CONTROL**  
**Controls your switcher remotely**  
**FOR USE WITH:**  
 4x1 HDMI Switcher  
 4x2 HDMI Switcher  
 4x1 DVI Switcher  
 4x1 DVI DL Switcher  
 4x2 DVI Switcher  
 1x4 Monitor Switcher  
 4x2 HD-SDI Switcher

**RMT 16-IR REMOTE CONTROL**  
**Controls your switcher remotely.**  
**FOR USE WITH:**  
 4X4 HDMI Matrix  
 4X4 HDTV Matrix  
 4X4 DVI Matrix  
**EXT-RMT-16IR**



EXT-8HDS-1R



**RMT 8HDS REMOTE CONTROL**  
**Controls your scaler remotely.**  
**FOR USE WITH:**  
 HD-SDI to DVI Scaler Box  
 DVI to HD-SDI Scaler Box

**RMT SR-IR REMOTE CONTROL**  
**Controls your scaler remotely.**  
**FOR USE WITH:**  
 HD Mate Scaler  
 Home Theater Scaler  
 Home Theater Scaler Plus  
**EXT-RMT-SR-IR**



EXT-SDPVR-1R



**SD-PVR REMOTE CONTROL**  
**Controls your PVR remotely.**  
**FOR USE WITH:**  
 GEFEN SD PERSONAL VIDEO RECORDER

**HD-PVR REMOTE CONTROL**  
**Controls your PVR remotely.**  
**FOR USE WITH:**  
 GEFEN HD PERSONAL VIDEO RECORDER  
**EXT-HDPVR-1R**



## GEFEN RETAIL PACKS

Our same high quality products but in industry standard top retail packaging suitable for displaying right on the shelf. Our packaging is designed for the consumer to easily understand what the item is, allowing them to easily decide which product is right for them.



<b>DVI TO HDMI CABLE 6 FT</b>	CAB-DVI2HDMI-RP-06MM
<b>DVI TO HDMI CABLE 10 FT</b>	CAB-DVI2HDMI-RP-10MM
<b>DVI TO HDMI CABLE 15 FT</b>	CAB-DVI2HDMI-RP-15MM
<b>DVI CABLE 6 FT</b>	CAB-DVI-RP-06MM
<b>DVI CABLE 10 FT</b>	CAB-DVI-RP-10MM
<b>DVI CABLE 15 FT</b>	CAB-DVI-RP-15MM
<b>HDMI CABLE 6 FT</b>	CAB-HDMI-RP-06MM
<b>HDMI CABLE 10 FT</b>	CAB-HDMI-RP-10MM
<b>HDMI CABLE 15 FT</b>	CAB-HDMI-RP-15MM
<b>SCART TO SCART 6 FT</b>	CAB-SCART-RP-5MM
<b>SCART TO SCART 10 FT</b>	CAB-SCART-RP-10MM
<b>SCART TO SCART 15 FT</b>	CAB-SCART-RP-15MM
<b>SCART TO COMPONENT 6 FT</b>	CAB-SCART2CPAU-RP-06MM
<b>SCART TO COMPONENT 10 FT</b>	CAB-SCART2CPAU-RP-06MM
<b>SCART TO COMPONENT 15 FT</b>	CAB-SCART2CPAU-RP-06MM
<b>TOSLINK AUDIO CABLE 6 FT</b>	CAB-TLINK-RP-06MM
<b>TOSLINK AUDIO CABLE 10 FT</b>	CAB-TLINK-RP-10MM
<b>TOSLINK AUDIO CABLE 15 FT</b>	CAB-TLINK-RP-15MM
<b>COMPONENT VIDEO CABLE 6 FT</b>	CAB-CMP-RP-06MM
<b>COMPONENT VIDEO CABLE 10 FT</b>	CAB-CMP-RP-06MM
<b>COMPONENT VIDEO CABLE 15 FT</b>	CAB-CMP-RP-06MM
<b>SIMPLAY HD HDMI CABLE 6 FT</b>	CAB-HDMI-SHD-06MM
<b>SIMPLAY HD HDMI CABLE 6 FT</b>	CAB-HDMI-SHD-06MM
<b>SIMPLAY HD HDMI CABLE 6 FT</b>	CAB-HDMI-SHD-06MM
<b>USB ACTIVE CABLE 16 FT</b>	CAB-USB-162

<b>COMPONENT AUDIO EXTENDER</b>	EXT-COMPAUD-141
<b>DIGITAL AUDIO EXTENDER</b>	EXT-DIGAUD-141
<b>DIGITAL AUDIO TO ANALOG AUDIO CONVERTER</b>	EXT-DIGAUD-2-AAUD
<b>DVI CAT5 MS EXTREME EXTENDER</b>	EXT-DVI-CAT5-MS
<b>3X1 SWITCH FOR HDMI 1.3</b>	EXT-HDMI1.3-341
<b>4X1 SWITCH FOR HDMI 1.3</b>	EXT-HDMI1.3-441
<b>2 X 1 SPLITTER FOR HDMI</b>	EXT-HDMI-241N
<b>USB 200 EXTENDER</b>	EXT-USB-200
<b>VGA EXTENDER LR</b>	EXT-VGA-141LR
<b>1X2 VGA SPLITTER</b>	EXT-VGA-142N
<b>1X4 VGA SPLITTER</b>	EXT-VGA-145
<b>VGA AUDIO EXTENDER</b>	EXT-VGA-AUDIO-141
<b>DVI CAT5 MS EXTREME EXTENDER</b>	EXT-DVI-CAT5-MS
<b>VGA RS-232 EXTENDER</b>	VGA-RS232-141
<b>VGA TO DVI SCALER PLUS</b>	EXT-VGA-2-DVISP
<b>USB 2.0 EXTENDER</b>	EXT-USB-2.0-LR





**Stretch it.  
Switch it.  
Split it.  
Gefen's Got it.®**



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[www.gefen.com](http://www.gefen.com) • [gsinfo@gefen.com](mailto:gsinfo@gefen.com)

