DVI 1500HD

Extends DVI up to 1650 feet (500 meters) over fiber optics cables

The Gefen DVI 1500HD allows a single link video signal to be extended over long distances by using multimode LC-LC fiber optic cable. Fiber Optics technology allows the DVI 1500HD to carry video signals over long distances that would not be possible with traditional CAT5 extension. The use of fiber optic cabling protects the video signal from electromagnetic interference (EMI) which can degrade the video signal.
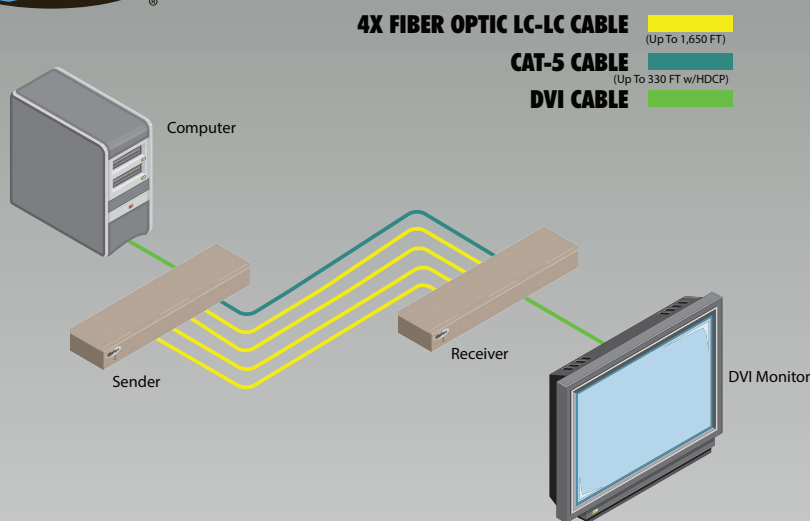
How It Works

The DVI 1500HDS Sender unit sits next to your computer, set-top box or DVD player source. The cable supplied with the DVI 1500HD connects your DVI source to the Sender unit. The DVI 1500HDR Receiver unit sits next to your DVI display - up to 1650 feet (330 feet with HDCP) away. The display plugs into the back of the DVI 1500HDR Receiver unit. One CAT-5 cable and a multi mode LC-LC fiber optic cable (4 strand) connect the DVI 1500HDS and the DVI 1500HDR units to each other.

Note: The DVI 1500HD is HDCP-compliant.

Wiring Diagram

Gefen

4X FIBER OPTIC LC-LC CABLE (Up To 1,650 FT)
CAT-5 CABLE (Up To 330 FT w/HDCP)
DVI CABLE

Computer

Sender

Receiver

DVI Monitor

dvi digital visual interface

1080P PROGRESSIVE

HDCP COMPLIANT

Features *

• Extends any DVI device without HDCP up to 1650 feet (500 meters)	• Supports DDWG standard for DVI-compliant monitors
• Extends any DVI device with HDCP up to 330 feet (100 meters) (requires additional CAT-5e cable)	• Eliminates computer noise at your workstation
• Supports resolutions up to 1920 x 1200	• HDCP compliant (maximum distance is 330 feet with HDCP)
• Uses a four-strand multimode LC-LC fiber optic cable	• 1U tall, half-rack width enclosures are rack-mountable using EXT-RACK-1U
• Uses one CAT-5e cable for DDC and control signals	

Specifications *

• Maximum Pixel Clock	165MHz
• Input Video Signal	1.2V p-p
• Input DDC Signal	5V p-p (TTL)
• DVI Connector	(1) DVI-D 19-pin, female
• Video Link Connectors (Sender / Receiver)	(4) Type LC Fiber connectors (50μ or 62.5μ)
• Fiber Cable	CAB-LC-XXX (62.5μ multi-mode)
• DDC Link Connector (Sender / Receiver)	(1) RJ-45, Shielded
• Power Supplies (Sender / Receiver)	5V DC, Locking
• Power Consumption	10W (max.) each
• Operating Temperature	+14 to +122 °F (-10 to +50 °C)
• Storage Temperature	-22 to 140 °F (-30 to +60 °C)
• Humidity (Operating)	5% to 80 %
• Humidity (Storage)	5% to 95 %
• Dimensions (W x H x D)	6.5" x 1.7" x 4.5" (165mm x 43mm x 114mm)
• Shipping Weight	5 lbs (2.3 kg)

* Features and specifications are subject to change without notice. All trademarks are properties of their respective owners.