



## Extend DVI with USB 2.0, Audio, and RS-232 up to 6,600 feet



EXT-DVI-3600HD

### Extend DVI, USB 2.0, RS-232 and Analog Audio up to 6,600 feet (2000 meters)

The DVI 3600HD allows you to operate a single DVI-compliant computer from two workstations, by extending DVI, USB 2.0, analog audio, and RS-232 from the computer to the remote workstation. USB peripherals can be placed at either of the two locations, by the Sender or Receiver unit.

### How It Works

The DVI 3600HD consists of a Sender and a Receiver unit. The Sender unit connects to the computer's DVI-compliant video card output, analog audio jack, RS-232 port, and USB 2.0 port. The DVI 3600HD Receiver unit connects to the remote display and peripherals. Four strands of LC fiber optic cable connect the Sender and Receiver units together.

The DVI 3600HD has two modes of USB operation. When in local mode, the computer sees USB devices connected to the Sender unit. When in remote mode, the computer sees USB devices connected to the Receiver unit. These two modes are configured using a switch on the front panel of the Sender unit.

### Note:

Extension distance will depend on the type of fiber media used:

- Single-mode fiber:  
WUXGA (1920 x 1200) resolution @ 6,600 ft. (2000 meters)
- Multi-mode fiber:  
WUXGA (1920 x 1200) resolution @ 1,650 ft. (500 meters)

### Features\*

- Extends DVI, USB2.0, RS-232, and analog audio up to 6,600 feet (2000 meters) with single-mode fiber, and up to 1,650 feet (500 meters) with multi-mode fiber
- Supports video resolutions up to 1920 x 1200
- Uses four-strand single-mode or multi-mode LC-terminated fiber cables
- Supports Virtual DDC1 and DDC2B protocols
- Supports Local and Virtual EDIDs
- Supports USB 2.0 and USB 1.1
- Configurable to allow access of USB devices located at Sender Side or Receiver Side
- Rack-mountable (rack ears included)

### Specifications\*

- Maximum Pixel Clock: 165MHz
- Video Input Connector (Sender): (1) DVI-D (24 pin), female (digital only)
- Video Monitor Output Connector (Sender): (1) DVI-D (24 pin), female (digital only)
- Audio Input Connector (Sender) (1) 3.5 mm mini-stereo jack
- Audio Output Connector (Receiver) (1) 3.5 mm mini-stereo jack
- USB Host Connector (Sender): (1) USB Type B
- USB Local Device Connectors (Sender): (2) USB Type A, female
- USB Device Connectors (Receiver): (4) USB Type A, female
- RS-232 Port (Sender): (1) DB-9, female
- RS-232 Port (Receiver): (1) DB-9, male
- Link Connectors (Sender / Receiver): (4) Type LC fiber connectors (2 x LC Duplex)
- Fiber Cable: CAB-LC-XXX (62.5 $\mu$  multi-mode)
- Console Connector (Sender / Receiver): (1) RJ-45 jack (for future use)
- Power Supply (Sender / Receiver): 2 x 12V DC
- Power Consumption: 36W (max.) each
- Dimensions (Sender / Receiver)(W x H x D): 12.4" x 1.6" x 5" (315mm x 40mm x 127mm)
- Shipping Weight: 8 lbs. (3.6 kg)

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