



## DVI ELR Extender over one CAT-5 up to 150 meters



EXT-DVI-1CAT5-ELR

### Extend DVI up to 495 feet (150 meters) over one CAT-5e cable

The DVI ELR Extender over one CAT5 allows the extension of a DVI source to a display, up to 495 feet (150 meters), using a single CAT-5e cable. This product is capable of HDCP and HPD pass-through. It can also be configured by the installer via DIP switches for maximum range or maximum bandwidth, and for low power consumption (auto sleep mode) or always-on operation. The DVI Extender over one CAT5 uses Gefen's ELR implementation of HDBaseT® technology, allowing the DVI signal to travel along a single CAT-5e or better cable, reducing cable costs and facilitating installation.

### How It Works

Use the included DVI cable to connect the computer or other DVI source to the Sender unit. Connect the Receiver unit to a Hi-Def display with a DVI cable. Use up to 495 feet (150m) of CAT-5e cable to connect the Sender to the Receiver unit. Configure DIP switches as necessary. Connect the included locking power supplies to the Sender and the Receiver units and plug the power supplies to available electrical outlets. Power on all connected equipment.

### Features\*

- Extends DVI up to 495 feet (150 meters) over one CAT-5e cable
- Supports resolutions up to 1080p Full HD and 1920 x 1200 (WUXGA)
- EDID management for rapid integration of source and display
- Enable/Disable switches for HPD pass-through
- Power-Save (Green Mode) selector switch
- 150m/100m range selector switch configures the extender for maximum range (150 meters) or maximum bandwidth
- Locking power supplies
- Surface-mountable

### Specifications\*

- Maximum Pixel Clock: 165 MHz
- Video Input Connector (Sender): (1) DVI-I, 29-pin, female (digital only)
- Video Output Connector (Receiver): (1) DVI-I, 29-pin, female (digital only)
- Link Connector (Sender/Receiver): (1) RJ-45
- Internal/External EDID Selector (Sender): (1) DIP switch
- HPD Pass-Through Selector (Sender): (1) DIP switch
- Power-Save Selector (Sender/Receiver): (1) DIP switch
- 150m/100m Range Selector (Sender/Receiver): (1) DIP switch
- Power Indicator (Sender/Receiver): (1) LED, blue
- Link Indicator (Sender/Receiver): (1) LED, green
- Power Supply (Sender/Receiver): 5V DC
- Power Consumption (Sender/Receiver): 10 W per unit maximum
- Operating Temperature: 0 to +45°C
- Operating Humidity: 0 to 90% RH, non-condensing
- Dimensions (W x H x D): 4.3" x 1" x 3.4" (110mm x 26mm x 86mm)
- Shipping Weight: 3 lbs (1.4 kg)



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