



Extend DVI, RS-232, and Ethernet to 330 feet



EXT-DVI-CAT5-ELR

Extra Long Range Extender for DVI, RS-232, and Ethernet over one CAT-5 cable

The DVI RS232 ELR extends any DVI source to a monitor, touch screen display, or other digital signage device placed at a distance up to 330 feet (100 meters) using one CAT-5 cable. Ethernet and RS-232 are extended, allowing access and control of RS-232 and IP-based devices. This product uses Gefen ELR technology, allowing DVI, RS-232, and Ethernet to travel along the same CAT-5 cable, reducing cabling costs and providing easier installation.

How It Works

Place the DVI RS232 ELR Sender Unit next to the DVI input source. Use the included DVI cable to connect the source to the Sender Unit. Connect the Receiver Unit to the monitor or digital signage display with a DVI cable (not supplied). Use one CAT-5 cable, up to 330 feet (100 meters), to connect the Sender Unit to the Receiver Unit. Connect a serial cable from the RS-232 port on the Sender Unit to the RS-232 control device. Connect the RS-232 port on the Receiver Unit to the RS-232 device. Connect the Ethernet ports on both the Sender and Receiver Units to any computer source and extended Ethernet device.

Features

- Extends any DVI source with RS-232 and Ethernet to a display, touch screen, or digital signage application up to 330 feet (100 meters)
- Supports resolutions up to 1080p and 1920 x 1200
- EDID Management enables integration of different sources and display devices
- Low power consumption (Green Mode) when DVI source is not detected
- Uses only one CAT-5e cable
- Full-Duplex Ethernet
- Supports any Operating System (OS)
- Locking power supplies
- HDBaseT Certified
- Wall-mountable

Specifications*

- Maximum Pixel Clock: 165 MHz
- Maximum TMDs Clock: 165 MHz
- Video Input Connector (Sender): (1) DVI-I 29-pin, female (digital only)
- Video Input Connector (Receiver): (1) DVI-I 29-pin, female (digital only)
- Ethernet Connector (Sender / Receiver): (1) RJ-45 Shielded
- RS-232 Input Connector (Sender): (1) DB-9, female
- RS-232 Input Connector (Receiver): (1) DB-9, male
- Link Connector (Sender / Receiver): (1) RJ-45, Shielded
- Power Supplies (Sender / Receiver): 5V DC, Locking
- Power Consumption (Sender / Receiver): 10W (max.) per unit
- Operating Temperature: 0 - 40 °C
- Dimensions (Sender / Receiver)(W x H x D): 5" x 1.2" x 3.4"
(127mm x 30mm x 86mm)
- Shipping Weight: 5 lbs. (2.3 kg)

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*Specifications subject to change without notice.
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