Gefen TOOLBOX

Extra Long KVM Extension with Ethernet to 330 feet

GTB-DVIKVM-ELR-BLK

Extra Long Range Extender for DVI, USB, RS232, and Ethernet over 2 CAT-5

The GefenToolbox DVIKVM ELR extends DVI, USB, RS-232, and Ethernet to a workstation located to 330 feet (100 meters) using two CAT-5 cables. 480 Mbps data rates are supported for USB2.0, in addition to backward-compatibility with USB 1.1. The Receiver Unit allows the connections of up to two (2) USB devices, providing access to printers, scanners, cameras, external storage media, digital signage, and automated control systems. This GefenToolbox product uses Gefen ELR technology, allowing DVI, USB, and RS-232 to travel along the same one CAT-5 cable, reducing the number of CAT-5 cables used. Ethernet and RS-232 are also extended to 330 feet (100 meters), allowing access and control of RS-232 and IP-based devices.

How It Works:

Place the DVIKVM ELR Sender Unit next to the computer source. Use the included DVI cable to connect the source to the Sender Unit. Use the supplied USB cable to connect the USB port to the USB host (source) device.

Connect the Receiver Unit to the monitor with a DVI cable. Connect the USB devices to the Receiver Unit. Use two CAT-5 cables, 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 host device. Connect the RS-232 port on the Receiver Unit to the device used. The Ethernet port on both the Sender Unit and Receiver Unit are connected to standard network devices. Connect the included locking power supplies to the Sender and Receiver Units, then connect both power cords to any available electrical outlets.

Features:

- Extends DVI resolutions to 1920x1200 @ 60 Hz or 1080p up to 330 feet (100 meters)
- Extends USB 2.0, RS-232, and Ethernet devices to 330 feet (100 meters)
- Supports 480 Mbps using USB 2.0
- Backward-compatible with USB 1.1 devices
- EDID Management with Local and Pass-through modes
- Locking Power Supplies for secure connections
- Wall-mountable

Specifications*

- Maximum Pixel Clock: 165 MHz
- MaximumTMDS Clock: 165 MHz
- DVI Connectors (Sender / Receiver): DVI-I 29-pin (digital only)
- USB Connector (Sender Unit): (1) Type B
- USB Connectors (Receiver Unit): (2) Type A
- Link Connectors (Sender / Receiver): (2) RJ-45
- Ethernet Connectors (Sender / Receiver): (2) RJ-45 (1 per unit)
- RS-232 Connector (Sender): DB-9, female
- RS-232 Connector (Receiver): DB-9, male
- RS-232 Baud Rate: 19200 bps
- Power Supply (Sender / Receiver): 5V DC
- Power Consumption: 10 W per unit (max.)
- Operating Temperature: 0 - 40 °C
- Dimensions: 3.3" W x 6.7" H x 1.2" D
- Shipping Weight: 6 lbs.

dvi digital visual interface   1080P PROGRESSIVE