



DVI Over 1 CAT 6

Send DVI video at 1920x1200 up to 200 feet (60 meters) away over a single CAT6a cable

The Gefen DVI Over 1 CAT6 Extender will extend a single-link DVI video signal over just one (1) CAT-6a cable at distances of up to 200 feet (60m) at 1920x1200, or up to 150 feet (45m) using CAT5e cable.

Extension of DVI can now be simplified with the use of a single CAT-6a cable. Other solutions use at least 2 CAT5/CAT6 cables to accomplish this.

The Gefen DVI Over 1 CAT6 Extender fully supports all of the DVI specification for true compatibility with DVI devices. The Extender's pure digital transmission method insures 100% signal integrity over this single cable extension solution.

How It Works

The DVI Over 1 CAT6 Extender system consists of Sender and Receiver units. The DVI source (computer, set-top box, or DVD player) connects to the Sender box with the supplied 6-foot DVI cable. The Receiver box connects to a DVI-compliant video display. One CAT-6a cable links the sender and receiver together at distances of up to 200 feet. Power is applied to both the Sender and Receiver with the included 5V DC power supplies. The original DVI source image now appears flawlessly on the extended display.

Note:

This device is an HDCP-compliant. For CAT5e cables, the maximum distance is 150 feet at 1080p or 1920x1200.



EXT-DVI-1CAT6

Features:

- Extends any DVI source up to 200 feet (60 meters)
- Supports resolutions up to 1080p and 1920 x 1200
- HDCP pass-through
- Supports any Operating System (OS)
- Trim pot adjustment to compensate for cable skew

Specifications:

- Video Amp. Bandwidth: 165 MHz
- Input Video Signal: 1.2V p-p
- Input Sync Signal: 5V p-p (TTL)
- 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, Shielded
- Power Supplies (Sender / Receiver): 5V DC
- Operating Temperature: +5 to +45 deg. C (+41 to +113 deg. F)
- Storage temperature range: -20 to +70 deg. C: (-4 to +158 deg. F)
- Power Consumption (Sender / Receiver): 10W (max.)
- Dimensions: 2" W x 3.1" D x 1.1" H
- Shipping Weight: 4 lbs.

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