



Extend Dual-Link DVI up to 2km (6,600 Feet)



EXT-DVI-2500HD

Extend dual-link DVI up to 6,600 feet (2 km)

The DVI•2500HD uses 4 strand fiber optic cables to extend Dual Link DVI display up to 6,600 feet away from your source. Dual link DVI describes the use of all 24 pins of the DVI (Digital Visual Interface) connector to achieve super high resolutions. Featuring Virtual DDC, the DVI•2500HD can run without the use of a CAT5 cable.

How It Works

The DVI•2500HD Sender unit sits next to your computer. Cables supplied with the DVI•2500HD system connect the DVI source to the DVI•2500HD Sender unit. The DVI•2500HD Receiver unit sits next to your Dual Link DVI display and plugs into the DVI display's dual-link DVI port. An optional CAT-5 cable and multi-mode 4 strand LC fiber optic cable (4-strand) connects the sender and the receiver units to each other.

Features:

- Extends Dual-link DVI up to 6,600 feet (2000 meters) using single-mode fiber and Virtual DDC
- Extends Dual-link DVI up to 1640 feet (500 meters) using multi-mode fiber and Virtual DDC
- Extends Dual-link DVI up to 330 feet (100 meters) over single-mode or multi-mode fiber plus one CAT-5 cable using Direct DDC
- Supports 1080p Full HD at 120Hz and dual-link resolutions up to 3840 x 2400 or single-link resolutions up to 1920 x 1200
- Uses 4 fiber strands for dual-link DVI (only 2 strands required for single-link DVI)
- Uses one CAT-5 cable for DDC and control signals (only required for Direct DDC mode)
- HDCP compliant (in Direct DDC mode only)
- Supports DDWG standard for DVI compliant monitors
- 1U tall, half-rack width enclosures are rack-mountable using EXT-RACK-1U

Specifications*:

- Maximum Pixel Clock: 2 x 165 MHz
- Input Video Signal: 1.2V p-p
- Input DDC 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 Connectors (Sender/Receiver): (4) Type LC fiber connectors (2 x LC Duplex) (only 2 strands required for Single-link DVI)
- Fiber Cable: CAB-LC-XXX (62.5μ multi-mode)
- Direct DDC Link Connector (Sender / Receiver): (1) RJ-45, Shielded
- Power Supply (Sender / Receiver): (2) 12V DC
- Power Consumption: 36W (max.) each
- Dimensions (Sender / Receiver): 8.4" W x 4.2" D x 1.6" H
- Shipping Weight: 5.6 lbs.

Gefen, LLC
20600 Nordhoff Street, Chatsworth CA 91311
Tel. (818) 772-9100 (800) 545-6900 Fax (818) 772-9120
www.gefen.com

*Specifications subject to change without notice.
All trademarks are the properties of their respective owners.