



Module Extends DVI up to 3300 feet



EXT-DVI-FM15

Modular DVI extension using a single-strand multimode fiber optic cable with Virtual EDID.

The DVI fiber optic module extender with Virtual EDID extends DVI up to 3300 feet (1 km) to a display supporting resolutions up to 1920 x 1200 (WUXGA) using a single-strand 50/125 μ m laser-optimized multimode (OM3) SC-terminated fiber optic cable. Optical signal transmission provides galvanic isolation and immunity to electromagnetic interference compared to similar copper-based extension modules.

The Virtual EDID feature programs the display EDID into the Sender module to ensure fast integration and compatibility between the source and the display.

The attractive and compact Sender and Receiver modules fit neatly behind the equipment for a clean installation, making it a great way to extend DVI.

How It Works

The Sender module plugs into the DVI source. The Receiver module plugs into the display. Connect a single-strand multimode SC-terminated fiber optic cable from the Sender to the Receiver module. Plug the power supply into the Receiver module and a vibrant Hi-Def picture will appear on your display.

Note: The Sender module does not need to be powered externally unless the source does not supply enough power through the DVI connector.

Features*

- Extends DVI up to 3300 feet (1 kilometer) over a single-strand of OM3 (laser-optimized 50/125 μ m) multimode fiber optic cable
- Extends DVI up to 1650 feet (500 meters) over a single-strand of OM2 (conventional 50/125 μ m) multimode fiber optic cable
- Extends DVI up to 1000 feet (300 meters) over a single-strand of OM1 (62.5/125 μ m) multimode fiber optic cable
- Supports resolutions up to 1920 x 1200 (WUXGA)
- Virtual EDID allows EDID copying from the display to the source
- Fiber optic transmission eliminates electromagnetic interference (EMI)
- Sturdy metal die-cast enclosures are perfect for professional and industrial applications
- Compact Sender and Receiver modules provide a clean, easy installation
- Use Gefen CAB-1SC-xxxx OM1 Fiber Optic Link Cables for distances from 30 - 330 feet (9-100 meters)
- FCC and CE compliant for EMI/RFI emission

Specifications*

- Maximum Pixel Clock: 165 MHz
- Video Input Connector (Sender): DVI-D, 19-pin, male
- Video Output Connector (Receiver): DVI-D, 19-pin, male
- Link Connector (Sender / Receiver): (1) Type SC fiber (50/125 μ m)
- Power Supply: (Receiver): 5V DC
- Power Supply (Sender): 5V DC (not needed for most applications)
- Power Consumption (Receiver): 0.95 W (max.)
- Operating Temperature: 0° to +50° C
- Storage Temperature: -30° to +70° C
- Relative Humidity: 5% to 85%
- Dimensions (W x H x D): 1.96" x 0.59" x 2.98"
(49.78mm x 14.98mm x 75.69mm)
- Shipping Weight: 2 lbs (0.91 kg)

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



*All features and specifications subject to change without notice.
All trademarks are the property of their respective owners.