



DVI Crosspoint Matrix

16 Sources to 16 Displays



Overview

Route any of the 16 connected sources to any combination of 16 displays. The Gefen EXT-DVI-16416 16x16 DVI Matrix simplifies this process without affecting picture quality or resolution. Single-Link DVI resolutions up to 1920x1200 (WUXGA) are supported. This product can be controlled via front panel buttons, IR remote, RS-232 interface, Gefen's Keyboard Controller software, or IP (Web Server Interface, Telnet, and UDP). Its firmware is field-updatable using the Gefen Syner-G™ PC software.

How It Works

Using the supplied DVI cables, connect 16 sources to the DVI input ports of the Matrix. Connect the 16 DVI outputs to the displays. Plug the included power supply to the back of the unit, and connect the AC cord between the power supply and an available electrical outlet. The connected displays will show video according to the routing selection.

Note: Although it uses DVI-I connectors, the Gefen 16x16 DVI Matrix supports DVI-D only.

Features*

- Supports resolutions up to 1920x1200 (WUXGA)
- Advanced EDID management for rapid integration of sources & displays
- Output masking
- Stand-by mode
- LCD Status Display
- IP Control (Web Server Interface, Telnet, and UDP)
- Easy firmware update using Gefen Syner-G™ software, available for download from Gefen website
- Compatible with Gefen Keyboard Controller Software for PC and Mac, also available for download from Gefen website
- Serial RS-232 interface for use with an automation control device
- Handheld IR remote control
- Front panel controls
- IR Sensor on front panel
- IR Extender Port on back panel
- Locking power supply connector
- Can be placed on a shelf or mounted in a standard 19" wide rack (rack ears included)

Specifications*

- Maximum Pixel Clock: 165 MHz
- Video Input Connectors: (16) DVI-I 29-pin Female, Digital Only
- Video Output Connectors: (16) DVI-I 29-pin Female, Digital Only
- RS-232 serial port: (1) DB-9 Female
- IP port: (1) RJ-45 Female
- IR Extender Port: (1) 3.5mm Stereo
- IR Extender type: EXT-RMT-EXTIR
- Power Consumption: 90 Watts maximum
- Rack mountable: 2U height, standard 19" wide rack, rack ears included
- Power Supply: (1) 24V DC
- Dimensions (W x H x D, not including connectors and buttons):
 - Without rack ears: 17.2" x 3.5" x 7.5" (435mm x 89mm x 191mm)
 - With rack ears: 19" x 3.5" x 7.5" (483mm x 89mm x 191mm)
- Unit Weight (with rack ears): 10.6 lbs (4.8 kg)



Advanced
EDID
Management

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