



32 x 32 DVI Matrix Router with Push Button Control



GEF-DVI-32432

Route any 32 DVI Sources to any 32 Outputs using the GefenPRO 32x32 DVI Crosspoint Matrix

The GefenPRO 32x32 DVI Matrix is a modular design for professionals. Each input can route different resolutions at any time to any display by switching from the included IR Remote, IP control, RS-232, or by using the front-panel push buttons. The front-panel display provides information on routing status. Removeable input and output modules and dual (redundant) hot-swappable power supplies allow the Matrix to be used in the most demanding environments, offering maximum flexibility for all applications.

How It Works

The GefenPRO 32x32 DVI Matrix has 32 DVI inputs and 32 DVI outputs. Using the supplied DVI cables, connect 32 sources to the DVI input ports on the GefenPRO 32x32 DVI Matrix. Connect the GefenPRO 32x32 DVI Matrix's 32 DVI outputs to the monitors. Connect an IR Extender (Gefen part no. EXT-RMT-EXTIR) to the Matrix to extend the IR sensor. Connect an Ethernet cable from the network to the RJ-45 connector to use the built-in IP interface to control routing, EDID, and other functions. Connect an RS-232 cable from an RS-232 control device to control the Matrix via RS-232. Plug in the power cord and power on the GefenPRO 32x32 DVI Matrix. The connected monitors will show video according to the routing selection.

Note: The GefenPRO 32x32 DVI Matrix only supports DVI-D although the DVI connectors use DVI-I connectors.



Features:

- Supports 1920x1200 and 1080p resolutions
- Advanced EDID management permits upload of custom settings
- RS-232 Serial interface for remote control via a computer or control automation systems
- Status LCD (shows routing status)
- Front-panel push buttons for local switching
- IP Control with Web server
- Routing states can be stored and recalled at the touch of a button
- Built-in dual (redundant) hot-swappable power supplies
- Output masking command
- Standby mode
- Grounding screw
- IR Control / External IR Extender jack
- Power ON / OFF switch
- Supports DDWG standards for DVI
- Rack-mountable

Specifications*:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2V p-p
- DVI Input Connectors: (32) DVI-I 29-pin, female
- DVI Output Connectors: (32) DVI-I 29-pin, female
- RS-232 serial port: DB-9 female
- IR Extender: 3.5 mm mini-stereo
- Ethernet (IP control) port: RJ-45 jack (100BaseT)
- Power Supplies: (2) 100 - 240V AC (dual IEC hot-swappable)
- Power Consumption: 120 Watts/power supply (separate circuits recommended for redundancy)
- Rack-Mountable: 6U rack space, rack ears included
- Dimensions: 17.6" W x 10.5" H x 19" D
- Shipping Weight: 44 lbs.

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