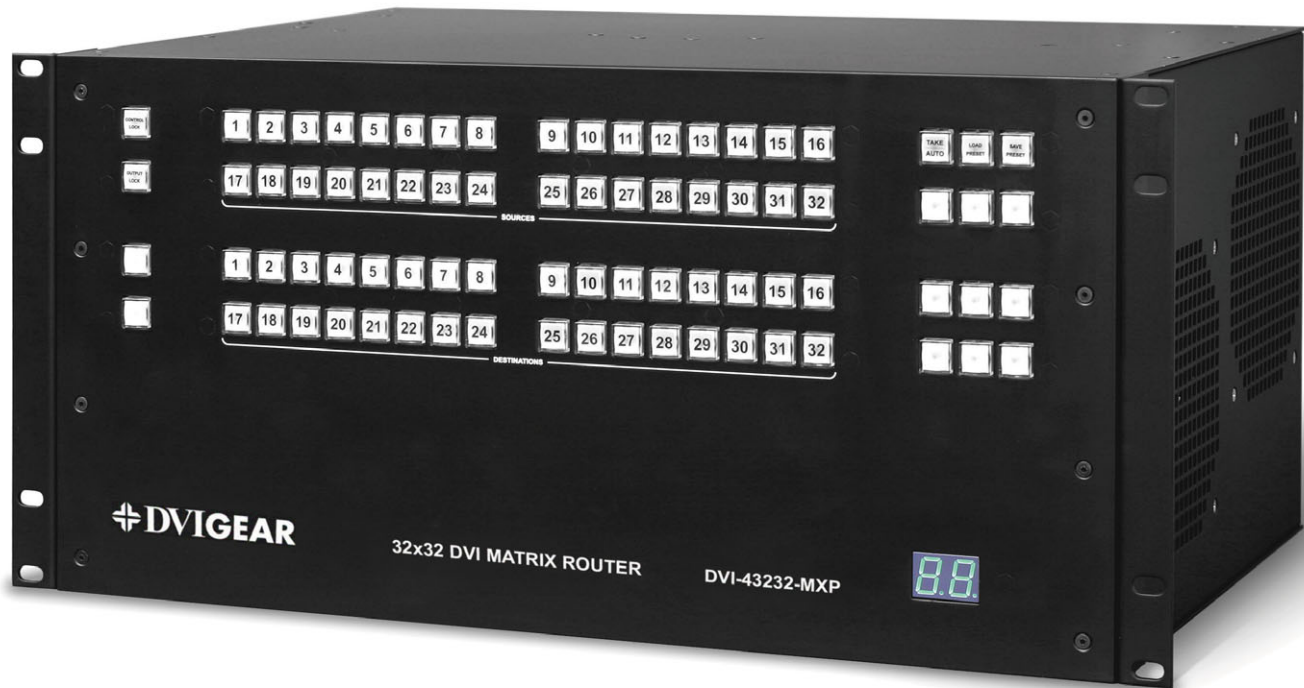


Modular DVI Matrix Routing Switchers from 8x8 to 32x32



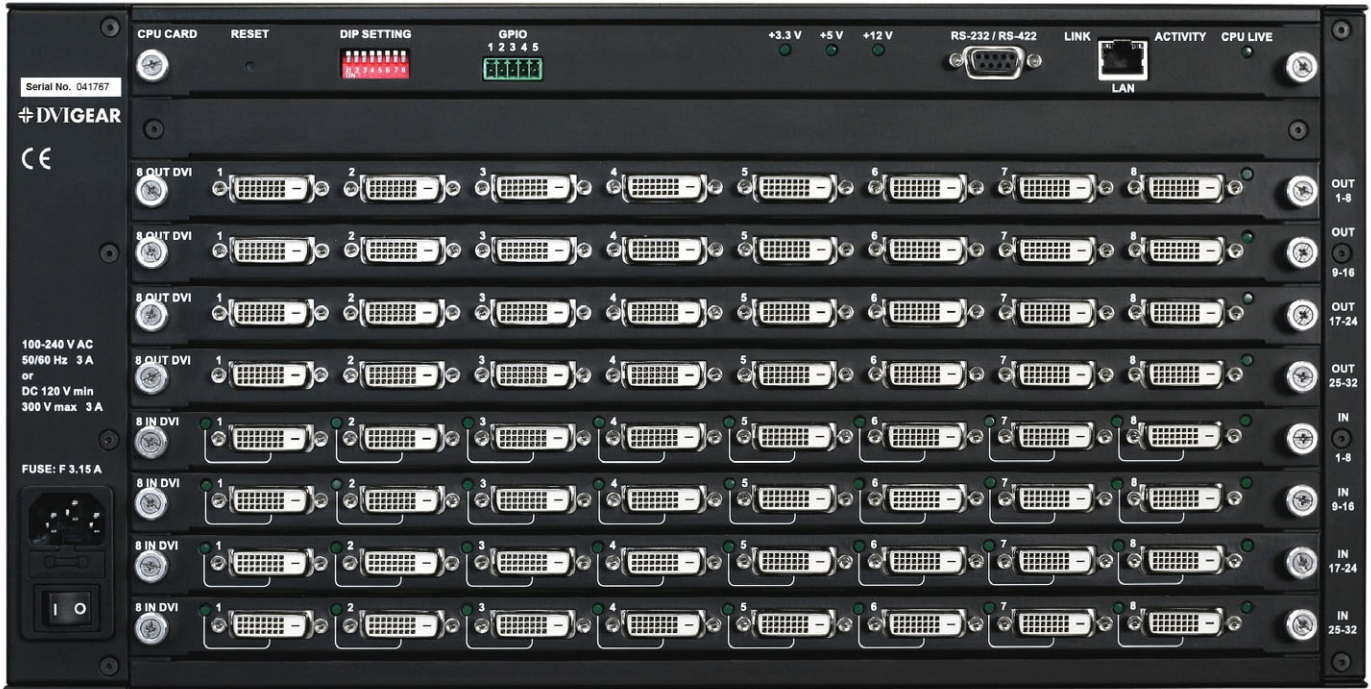
The DVI-40000-MXP Series are high performance, modular DVI routing switchers, which offer up to 32 inputs and up to 32 outputs. Each Input / Output card provides 8 single-link DVI-D inputs, thereby enabling a number of different I/O configurations from 8x8 up to 32x32.

These units are non-blocking, crosspoint matrix switchers that support all single-link DVI resolutions up to 1920x1200 and 2048x1080. All inputs are internally compensated for (copper) cable lengths up to 50 meters (164 ft.). Cable compensation is done automatically, no adjustments are needed. This eliminates the need for external repeaters or cable extenders. Extensive EDID Management options provide exceptional versatility. Each input can emulate any EDID data from any connected display, or from an internal library of 100 EDID values, 50 of which can be user defined.

All outputs of the DVI matrix router are re-clocked for stable, jitter-free signal transmission. Each DVI output can power a dedicated DVI fiber optic cable over long distances thanks to a robust internal +5V power supply. The unit can be controlled either by RS232 / RS422 serial port or by a TCP/IP LAN connection using a built-in website.

Features

- Routing Configurations: 8x8 up to 32x32
- Non-Blocking Crosspoint Matrix Architecture
- Advanced Modular Design enables field upgrades
- Supports All PC Resolutions up to 1920x1200 and 2048x1080 pixels
- Supports HDTV Resolutions up to 1080p
- LAN / IP Webpage Interface for remote system monitoring and control
- Full RS232 or RS422 control
- Advanced EDID Management – learns, stores and emulates up to 100 EDID data sets
- Convenient Front Panel Control with lock-out feature
- Advanced Power Management, Error Detection and Diagnostics
- DVI Cable Compensation on all inputs – up to 50 meters
- All DVI Outputs are re-clocked for maximum stability
- Internal Power for Fiber Optic cables on all outputs
- Low Noise Cooling Fans



Available I/O Configurations

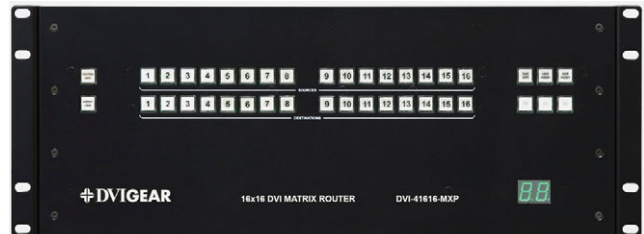
	8 inputs	16 inputs	24 inputs	32 inputs
8 outputs	8x8	16x8	24x8	32x8
16 outputs	8x16	16x16	24x16	32x16
24 outputs	8x24	16x24	24x24	32x24
32 outputs	8x32	16x32	24x32	32x32

Specifications

Inputs / Outputs:	8-port, single-link DVI-D, 24-pin female
Bit rate:	1.65 Gbit/s per color
Equalization:	40dB @ 825 MHz / automatic correction
Resolution:	640x480 to 1920x1200 and 2048x1080
EDID memory:	50 factory preset, and 50 user programmable
RS232 / 422:	D-sub 9-pin female, 9600 Baud for Rx /Tx
LAN:	RJ-45, Ethernet 10/100 Base-T Auto-Sensing
Routing:	32x32 non-blocking – any input(s) to any output(s)
Re-clocking:	All outputs are re-clocked for minimum jitter
+5V current:	500mA / DVI output connector
Power:	100 to 240 V AC or DC 3.0 Amps
Dimensions:	5U rack mount
H x W x D:	8.7" x 17.3" x 11.9" (221 x 440 x 302 mm)
Compliance:	CE, UL
Warranty:	1 year parts & labor

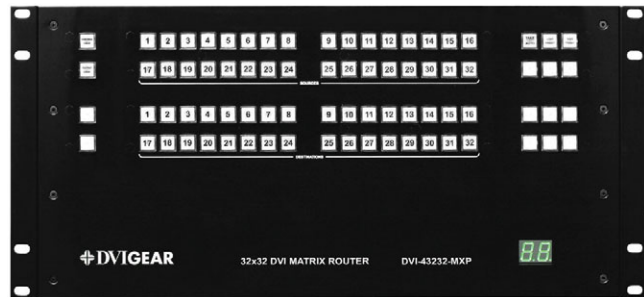
DVI-41600-FRP

16x16 Switcher Frame, accepts up to 2 Input Boards and 2 Output Boards



DVI-43200-FRP

32x32 Switcher Frame, accepts up to 4 Input Boards and 4 Output Boards



MX-DVID-IB

8-port DVI-D Input Board



MX-DVID-OB

8-port DVI-D Output Board

