

Fully configurable DVI Matrix Switcher from 8x8 to 32x32 for large applications

MX 32x32DVI-PRO is a high performance, modular expandable DVI routing switcher, offering up to 32 inputs and up to 32 outputs. Each Input and Output board contains 8 DVI connectors, different configurations from 8x8 up to 32x32 are available.

The DVI crosspoint matrix switcher supports all DVI-D resolutions up to 1920x1200 and 2048x1080. All inputs are compensated for up to 50m long DVI copper cable, eliminating the use of DVI repeaters, or cable equalizers. Cable compensation is done automatically, no adjustment is needed. Each input is able to emulate any monitor EDID data from a 100 EDID list - 50 of them are user programmable.



All outputs of the DVI matrix router are reclocked for stable, jitter free signal transmission. Each DVI output powers fiber optic DVI cables on +5V pin, that allows transmission of DVI signals for long distances. The unit can be controlled either by RS-232 / RS-422 port or TCP/IP LAN connection or by built in website.

I/O sizes

- 8x8; 16x8; 24x8; 32x16; 8x16; 16x16; 24x16; 32x16; 8x24; 16x24; 24x24; 32x24; 8x32; 16x32; 24x32; 32x32

Features

- Routing: from 8x8 up to 32x32 single link DVI signals
- 50 meters DVI cable compensation on all inputs
- Field-upgradeable, modular design
- Fiber Cable powering on each output
- Ethernet control for remote system monitoring and control
- Web page hosting capabilities
- 1920x1200 and 2048x1080 maximal resolutions
- Front panel buttons control
- Advanced EDID emulator, routing and management - learns, stores and emulates up to 100 EDID data
- RS-232 or RS-422 control
- TCP/IP LAN control port with built in WEB access
- Advanced power management and error detection

Connectors

Inputs/Outputs:	24 pole DVI-D connector
Power:	IEC Power inlet
RS-232 or RS-422:	9p sub D female
LAN:	RJ45
GPIO:	Phoenix 5 pole

Specifications

Inputs:	8 x DVI-D single link / input board
Bit rate:	1.65 Gbit/s per color
Equalization:	40dB automatically
Resolution:	640x480 to 1920x1200 and 2048x1080
EDID memory:	50 factory preset, and 50 user programmable
RS-232 / RS-422:	9600 Baud Rx; Tx
LAN:	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
Routing:	32x32 non-blocking - any input(s) to any output(s)
Outputs:	8 x DVI-D single link / output board
Reclocking:	Yes
+5V current:	500mA / DVI output connector
Power:	100 to 240 V AC or DC 3.0 Amps
Power consumption:	235,1W (typ) 328,4W (max)
Dimensions:	440W x 302D x 221H mm
Compliance:	CE
Net weight:	10900 gramms
Warranty:	3 years