

4x4 Dual Link DVI matrix switcher



Lightware MX 4x4 DVI-DL is a 4-input 4-output Dual Link DVI crosspoint matrix switcher supporting all DVI resolutions coming from PC VGA cards or other DVI sources. It accepts the highest available computer resolutions from 640x480 to 3840x2400 including all HDTV resolutions: 720p, 1080i, 1080p, 2K and 2560x1600 (30" Apple, Dell, HP, Quinix, and Samsung LCDs). The DVI matrix router can route 4 DVI Single Link or Dual Link signals to any 4 displays for example LCD monitors, plasma displays or projectors. All outputs support 500mA power on DVI +5V pin to power fiber optical DVI cables. The DVI Matrix switcher has an advanced EDID management feature, that learns and stores 100 EDID's, and emulates any monitor resolution on it's different inputs. The unit can be controlled either by RS232 / RS422 port or TCP/IP LAN connection or by built in website.

Features

- Dual or Single link DVI signals
- 3840x2400 pixel maximum resolution (1920x1200 in single link mode)
- Front panel buttons control
- Fiber cable power support
- Advanced EDID routing and management - learns, stores and emulates up to 100 EDID data
- RS 232 or RS422 control
- TCP/IP LAN control port with built in WEB access

Connectors

Inputs:	4x 24 pole DVI-D connector
Output:	4x 24 pole DVI-D connector
Power:	IEC Power inlet
RS-232 or 422:	9p sub D female
LAN	RJ 45

Specifications

Inputs:	4xDVI-D Dual Link
Bit rate:	6x1.65 Gbit/s
Resolution:	< 3840x2400
EDID memory	50 factory preset, and 50 user programmable
RS232 / 422	9600 Baud Rx; T
LAN	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
Matrix:	4x4 non-blocking, any input(s) to any output(s)
Outputs:	4xDVI-D Dual Link
Power:	100 to 240 V AC 1.8 to 1.0 Amps
Dimensions:	1U rack mount, 44x480x300 mm
Compliance:	CE

Connection

