

6x6 and 8x8 Dual link DVI matrix switchers



Lightware MX6x6DVI-DL and MX8x8DVI-DL are Dual link DVI crosspoint matrix switchers supporting all Single link and Dual link DVI-D resolutions coming from PC VGA cards or other DVI-D sources. They support highest resolutions from 640x480@60Hz to 3840x2400 including all HDTV resolutions: 720p, 1080i, 1080p, 2K. The DVI matrix routers have non blocking architecture, that route DVI signals to any displays for example LCD and Plasma monitors or projectors. All outputs support 500mA power on DVI +5V pin to power fiber optical DVI cables. The units have an Advanced EDID Management feature, that learns and stores 100 EDID, and emulates any monitor on it's separate inputs. External control can be done 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 (optional)
- Fiber cable power support (optional)
- Advanced EDID Management
- RS232 or RS422 control
- TCP/IP LAN control port with built in WEB access (optional)

Connectors

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

Options

MX-CP-8x8:	8x8 XY button front panel with Preset functions
EDID Router:	Advanced EDID Management
LAN:	Ethernet control port

Specifications

Inputs:	DVI-D Dual link
Bit rate:	1.65 Gbit/ color
Resolution:	from 640x480@60Hz to 3840x2400
EDID memory:	50 factory preset, and 50 user programmable
Equalization:	No
RS-232 / RS-422:	9600 Baud Rx; Tx
LAN:	Ethernet 10Base-T or 100Base-TX (Auto-Sensing)
Matrix:	6x6 or 8x8 non-blocking, any input(s) to any output(s)
Outputs:	DVI-D single link
Reclocking:	No
Power:	100 to 240 V AC 1.4 Amps
Power consumption:	26W
Dimensions:	446 (482)W x 103D x 133H mm
Net weight:	4250 gramms
Warranty:	3 years