

6x6 and 8x8 DVI Matrix Switchers



Lightware MX6x6DVI and MX8x8DVI are DVI crosspoint matrix switchers supporting all DVI-D resolutions coming from PC VGA cards or other DVI-D sources. They support PC resolutions from 640x480@60Hz to 1920x1200 or 2048x1080 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 DID, and emulates any monitor on it's separate inputs. External control can be done either by RS-232 / RS-422 port or TCP/IP LAN connection or by built in website.

Features

- Supports all VESA and CEA HDTV resolutions
- Front panel buttons control (optional)
- Fiber cable power support (optional)
- Advanced EDID Management
- RS-232 or RS-422 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



Specifications

Inputs:	DVI-D single link
Bit rate:	1.65 Gbit/ color
Resolution:	from 640x480@60Hz to 1920x1200 @60Hz including HDTV resolutions: 720p, 1080i, 1080p and 2048x1080
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:	22W
Dimensions:	446 (482)W x 103D x 133H mm
Net weight:	4180 gramms
Warranty:	3 years