Professional 8 in 8 out DVI router with HDCP 1.2, HDMI 1.3 and DVI compatibility

Highlight features

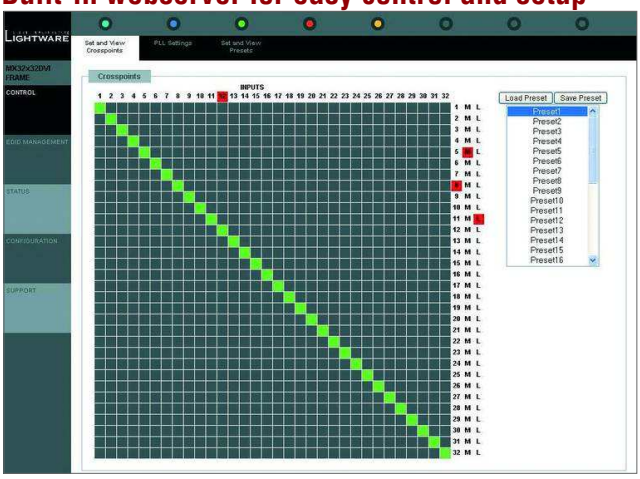
- HDMI 1.3; HDCP 1.1 and DVI 1.0 compliant
- 1920 x 1200 or 2048 x 1080 maximal resolutions
- 60 meter cable compensation on all inputs
- Advanced EDID Management

MX8x8DVI-HDCP-Pro digital video router is the most advanced DVI router that supports DVI 1.0 , HDCP 1.2 and even HDMI 1.3 deep color standards. This highest performance routing switcher offers 8 inputs and 8 outputs with 29 pole screw lockable DVI-I connectors (only digital pins are connected). The built-in sophisticated software and hardware features make the router the most flexible and integrated solution for AV professionals and high end home theatre applications. Any input can be switched to any or more outputs without switching delay or frame latency. Supporting the latest HDMI 1.3 36 bit deep color standard, it can be connected even to the latest Blu-Ray players, set top boxes or AV receivers. Advanced HD audio transmission and sample rate conversion proves the compatibility with previous generation products whilst handling the finest Dolby TrueHD and DTS-HD formats as well. DVI, HDMI and HDCP signals can be seamlessly integrated in any AV system using MX8x8DVI-HDCP-Pro.

All inputs are equalized and reclocked for up to 60 meter long DVI copper cable, and all outputs of the matrix router are reclocked for stable, jitter free signal transmission. The unit can be controlled either by RS-232 / RS-422 port or TCP/IP LAN connection or by built-in website.

Lightware Visual Engineering is a legal HDCP adopter. Please visit: www.digital-cp.com/about_dcp/List

Built-in webserver for easy control and setup



Controls all functions of the router like IP configuration, routing, EDID Management, system status monitoring, Color space and color range control, audio samle rate conversion, etc.

Applications

- Home theatre systems
- Multiroom video and audio control
- Professional AV systems, conference rooms
- 3D Visualizations and Network Operation Centers
- Medical imaging

Features

- No switching latency – zero frame delay
- HDMI 1.3; HDCP 1.1 and DVI 1 .0 compliant
- Input signal analysis / monitoring
- Signal presence display
- Color space conversion: RGB and YUV per output
- Color range scaling per output 24/30/36-bit RGB/YCbCr 4:4:4 (deep color)
- 1920x1200 or 2048x1080 maximal resolutions
- Gold plated high grade PCB boards and DVI connectors
- 60 meter copper cable compensation on all inputs
- Reclocking for both inputs and outputs
- PCM audio sample rate conversion 1/2 and 1/4 per output - 32-192 kHz Fs sample rate
- Dolby TrueHD and DTS-HD audio
- Web page hosting capabilities
- Front panel buttons control
- LCD menu control
- Advanced EDID Management
- RS-232 or RS-422 and Ethernet control
- Vista Spyder and Encore compatibility

Specifications

Routing:	8x8 non-blocking - any input(s) to any output(s)
Bit rate:	2.25 Gbit/s per color
Resolution:	640 x 480 to 1920 x 1200 or 2048 x 1080 deep color
EDID memory:	50 factory preset and 50 user programmable
EDID emulation:	256 Byte extended EDID v1.3
Front panel buttons:	yes
RS-232 / RS-422:	9600 Baux Rx; Tx
LAN:	Ethernet 10 Base-T or 100 Base-TX (auto-sensing)
WEB:	built-in website
Power:	100 to 240 V AC 3.0 Amps internal power supply
Power consumption:	72.6 W (typ), 94.3 W (max)
Dimensions:	446 (482) W x 413 D x 43.9 H mm
Weight:	6520 gramms
Compliance:	CE
Warranty:	3 years

Connectors

Inputs:	29 pole DVI
Outputs:	29 pole DVI
Power:	IEC standard
Serial control:	9-pole D-sub
Ethernet:	RJ45

Rear view

MX8x8DVI-HDCP-Pro rear view