visual engineering
LIGHTWARE

MX-DVI-HDCP-OB

DVI, HDCP and HDMI compliant output board

Features

- HDMI 1.3; DVI and HDCP compliant
- Advanced EDID Management
- Supports all HDMI audio formats such as Dolby TrueHD and DTS-HD Master Audio
- Pixel Accurate Reclocking
- 36-bit deep color support
- Color space conversion: RGB and YUV
- Color range scaling (16:235 to 0:255)
- 3D signal compatibility with frame packing, side-by-side and top-bottom formats

MX-DVI-HDCP-OB is Lightware's 8 channel output board for digital DVI and HDMI 1.3 signals with or without HDCP encryption. This board fully supports HDMI signals with embedded multichannel audio using more reliable screw lockable DVI connectors for more reliable connection. Many of our professional features are built in such as 3D compatibility, Pixel Accurate Reclocking, HDMI to DVI conversion, color space conversion (RGB and YUV per output), Signal analysis, Color range scaling, 12 bit deep color, Dolby TrueHD and DTSHD audio compatibility and PCM audio sample rate conversion.

MX-DVI-HDCP-OB

Specifications

HDCP compliancy:	yes
Max Resolution:	1920x1200 or 2048x1080
3D signal compatibility:	frame packing, side-by-side, top-bottom
Power consumption (3.3 V):	1.2 A (typical), 2.6 A (max.)
Power consumption (5 V):	2.1 A (typical), 2.4 A (max.)
Calculated AC Power (W):	20.7 (typical), 29.4 (max.)
Heat dissipation (BTU):	74 (typical), 107 (max.)
Weight:	850 g
Output connectors:	DVI-I

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