MatrixPRO-II 16x16 DVI router

Affordable DVI router with HDCP support



- **Fast switching**
- **Programmable EDID support**
- **Integrated test pattern generator**

The MatrixPRO-II 16x16 DVI router is an HDCP compliant video signal matrix router that can switch any of the 16 DVI inputs to any or all of the 16 outputs. Any input source, whether it's an HD-DVD player, Blu-ray player or a computer with high-resolution graphics, can be routed to a DVI or HDMI (via an adaptor) output digital display.

Monitoring output

The MatrixPRO-II 16x16 DVI router accepts inputs up to 2,048 x 1,080 (including 1,920 x 1,200) resolutions. Each input is re-clocked as it passes through the router maintaining the DVI signal strength. Each channel can be programmed with unique EDID information based on the system requirements. In addition to the 16 outputs, the router includes a monitoring output to which any input can be routed to and allows users to monitor and verify the input signal before it is switched to the output.

With integrated test pattern generator

An integrated test pattern generator allows users to diagnose and solve any installation issues that may arise. The test pattern is available with or without any valid input signals. An optional redundant power supply is also available, enhancing the unit's reliability. The additional supply shares the load during the unit's operation, extending the lifetime of your power supplies.

Compatible with the other Barco image processing products

The MatrixPRO-II DVI-16x16 routers can be controlled in various ways:

- MatrixPRO-II 16x16 DVI front panel
- Encore and ScreenPRO-II controllers via Ethernet allowing for easy integration into the
- Barco Encore family of products

- Integrated web page server
- GUI program running on a windows PC

Features

- Fast switching
- Control from Encore & ScreenPRO-II controllers
- Signal re-clocking
- HDCP 1.0 support
- Programmable EDID support
- Monitor output
- All progressive resolutions from 480p up to WUXGA/HD
- Built-in test pattern
- LED indicators for valid input video and output device sense (HPD)

Mechanical

- Auto ranging power supply
- Optional redundant power supply
- Slim 4RU height
- Width: 19" rack

Product specificaties	MATRIXPRO-II 16X16 DVI ROUTER
General specifications	
Controle	■ Ethernet RJ-45, 10/100 Mbps autosense ■ Computer, tablet, smartphone, or Encore or ScreenPRO-II controller via Ethernet link ■ Command line control via Telnet or RS-232 serial
Afmetingen	440 x 380 x 178 mm (17 x 15 x 7 in) -4 RU rack mount
Gewicht	11 kg (24.2 lb)
DVI-ingangen en -uitgangen	■ Digital formats: All single-link DVI digital formats up to 165 Mhz, per DVI 1.0 specification ■ EDID version 1.3 compatible ■ HDCP version 1.0 compatible
Ingangsvermogen	100-240 VAC, 47-63 Hz, auto-selecting 2.0A maximum
Milieuspecificaties	Humidity: 0-95% non-condensing
Temperatuur	0-40° C
Garantie	Full three-year parts and labor warranty

Laatst bijgewerkt: 09 Jul 2024

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