

# MatrixPRO 8 X 8 DVI

The MatrixPRO 8x8 DVI router switches any of the eight DVI inputs to any or all of the outputs.



The MatrixPRO 8x8 DVI router accepts inputs up to 2048 x 1080 (including all HD) resolutions. Each input is re-clocked as it passes through the router maintaining the DVI signal strength. Each output channel can also display an internally generated test pattern. The test patterns are available with or without any valid input signals.

The unit is controlled from the built-in front panel, the MatrixPRO remote panels, the MatrixPRO software and the Encore and ScreenPRO-II controllers. The front panel includes an easy to read VFD display and a knob for simple navigation of the menus. The menu structure is similar with the rest MatrixPRO router family. Communication with the remote panels or the software is established by either Ethernet or RS-232 protocols. The MatrixPRO 8x8 DVI is also automatically recognized by the Encore and ScreenPRO II controllers. This allows for easy integration into complete Barco production systems.

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# Technical specifications

<b>Video Routing</b>	<p>Input: 8 DVI-I connectors (supporting single digital video link) per DVI 1.0 Specification  Output: 8 DVI-I connectors (supporting single digital video link) per DVI 1.0 Specification  Input Resolution: 640 X 480 to 2048x1080 including HDTV (25-165 Mhz pixel clock)  Output Resolution: 640 X 480 to 2048x1080 including HDTV (25-165 Mhz pixel clock)</p>
<b>Control/Remote</b>	<p>Ethernet: 1 RJ-45 (F) connector, running 10/100 Base-T, half/full duplex w/ auto detect  Ethernet Protocol: ICMP (ping), TCP/IP, Telnet  Serial Control Ports: RS-232, 9-pin female D connector  Baud rate and Protocol: 115K Baud (max), 8-bit, 1 stop, no parity selectable</p>
<b>Enclosure</b>	<p>Dimensions: 3.5" H X 17.0" W X 16" D (2U high, full rack width) 4.5cm H X 43.2 cm W X 40.6 cm D  Weight: 17.5 lbs (7.92 kg)  Rack mount: Front included, rear optional  Type: Metal</p>
<b>General</b>	<p>Temperature: 0-40° C  Environmental Humidity: 0-95%, non-condensing  Power Type: 100-240 VAC - 50/60 Hz. Auto Selecting 1.0A Max  Agency: FCC: part 15, subpart B - Class A, EN55103-1 E4 and EN55103-2 CE: safety EN 60950</p>