

XPS PRO 1000

DVI Matrix Switch



The XPS PRO1000 is a non-blocking, 8x8 DVI matrix switch. When combined with Black Diamond Video's DVI CONVERTERS, the XPS PRO1000 provides the same level of matrix switching for any combination of analog or SDI video sources.

The XPS PRO1000 8x8 DVI matrix switch supports single-link DVI operation at the maximum TMDS rate of 1.65 Gb/s, with input and output resolutions from 640x480 to 1920x1200. When coupled with Black Diamond Video's phantom-powered DVI CONVERTERS, the XPS PRO1000 provides the same level of switching for analog, SDI or HD-SDI video sources, eliminating the need for multi-format switches and cables. When coupled with Black Diamond Video's phantom-powered DVI Xtreme Cable Kits, the XPS PRO1000 transmits DVI signals over 60 meters through copper on both the input and output sides of the switch at the maximum TMDS rate of 1.65 Gb/s.

The XPS PRO1000 when combined with Black Diamond Video's DVI CONVERTERS and DVI Xtreme Cable Kits creates a comprehensive, digital matrix switching solution for any analog or digital video source over a normalized DVI "Digital Backbone". This architecture provides outstanding digital image quality since analog cabling problems are eliminated, and ease of installation since only one type of cable and one switch is required. With a DVI "Digital Backbone" in place for switching and cabling, customers can use their analog or SDI sources today and upgrade to DVI in the future at their own pace.

FEATURES

- 8x8 non-blocking DVI matrix switch
- Supports single-link DVI operation at the maximum TMDS rate of 1.65 Gb/s
- Input/output resolutions from 640x480 to 1920x1200, interlaced or progressive
- Phantom-power to DVI CONVERTERS for connectivity and signal processing for any analog, SDI or HD-SDI video source
- Phantom-power to DVI X-treme Cable Kits for DVI transmission over 60 meters of copper on both the input and output sides of the switch at the highest TMDS rate of 1.65 Gb/s
- Test pattern generator
- Remote diagnostic capability
- Non-blocking switch configurations supported include 12x8, 16x8, 24x8, 32x6
- Controls: 10/100T Ethernet and RS232
- Customizable GUI

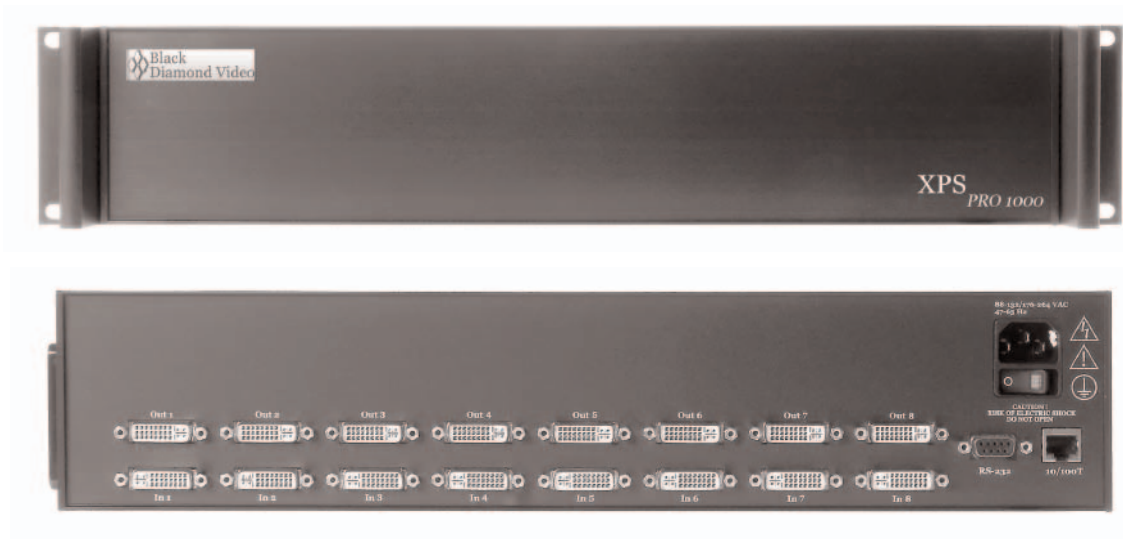
OPTIONS

- Up to 8 RS232 Expansion Cards per unit for peripheral equipment control
- Configurable USB switch with 8 input and 8 output pairs
- Optional front panel controller



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VIDEO SPECIFICATIONS

Video Format	DVI Single-link, supports maximum TMDS rate of 1.65 Gb/s
Video Resolution	I/O rates 640x480 to 1920x1200, interlaced or progressive, 25-165 MHz
Connectors	DVI-I female

CONTROLS

Serial Controls	RS232 controls, DB9 female connector
Ethernet Controls	10/100T Ethernet control, Protocols: Telnet, FTP, HTTP
GUI	Customizable web-server GUI

GENERAL

Dimensions/Weight	2u, 19" rack-mountable enclosure, 16.73"W x 12"D x 3.5"H, 12 pounds
Temperature Rating	0-55° C
Power	90-240 VAC, 47-63Hz, 200 Watts
Agency	UL, CE, FCC Class B