

## XPS PRO 2000



## Seamless DVI Matrix Switch

The XPS PRO2000 is a seamless, 8x8 DVI matrix switch with frame-grab capability. When coupled with Black Diamond Video's phantom-powered DVI CONVERTERS, this switch provides the same level of switching and frame-grabs for analog, SDI or HD-SDI video sources, eliminating the need for multi-format switches and cables.

The XPS PRO2000 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 up to 1920x1200. When coupled with Black Diamond Video's phantom-powered DVI Xtreme Cable Kits, the switch transmits DVI signals over 60 meters through copper on both the input and output sides of the switch at the maximum TMDS rate.

The XPS PRO2000 when combined with Black Diamond Video's DVI CONVERTERS provides seamless matrix switching and frame-grabs for any analog or digital video source over a normalized, DVI "Digital Backbone". Customers can use their legacy analog or SDI video sources today and upgrade to DVI in the future at their own pace.

### FEATURES

- Seamless 8x8 DVI matrix switching
- Simultaneous frame-grabs of any input source with output frame-grab preview
- 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
- Frame latency < 1.5 frames
- Non-blocking switch configurations supported include 12x8, 16x8, 24x8, 32x6
- Controls: 10/100T Ethernet and RS232
- Built-in, customizable web-server GUI

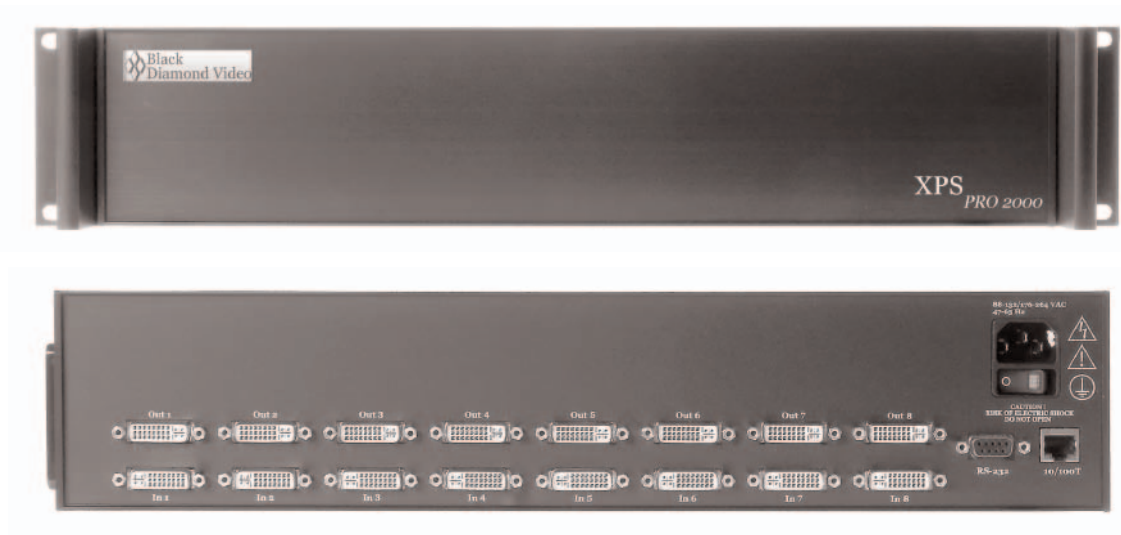
### OPTIONS

- 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