

- Compact form factor**
- Mounts directly to chassis**
- Supports HDCP**
- Video and EDID on one fiber**
- Plenum rated fiber available**

## TRANSMIT DVI SIGNALS UP TO 600m ON A SINGLE FIBER

RGB Spectrum’s XtendView® FiberDVI™ is a compact single fiber DVI cabling solution for distances up to 600m. Fiber DVI consists of transmit and receive plug-in modules, with industry standard SC type jacks for easy connection of the fiber. This “all-in-the-headshell” solution uses miniaturized electronics that fit entirely within the DVI connector housing, eliminating the need for external boxes and cables, and greatly simplifying installation.

EDID is combined with the DVI video, so only a single fiber is required, an advance over multi-fiber fiber solutions.

Fiber optic cable is ideal for transmitting DVI signals over moderate to long distances. It is lightweight, secure, and immune to EMF and RFI interference. Different cable types are available for special requirements, including plenumrated and armored. Where “sniff-proof” security is needed, fiber is the preferred solution.

For added ease of installation, transmit modules offer external power or PIN-power.

With easy-to-terminate SC connectors, XtendView FiberDVI is an elegant solution for moving DVI signals.

### Specifications

#### Tx and Rx Modules

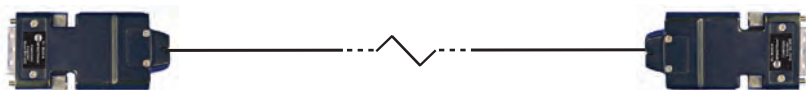
Format	DVI Single-Link
Pixel Clock Rate	Up to 165 MHz
Power: Tx Module	Pin-power, USB or external supply
Power: Rx Module	USB or external supply
Resolutions	Up to 1920x1200 and 2048x1152
Connectors	DVI-I, SC
Power	5VDC @ 0.5 amp

#### Optical Fiber

Fiber Type	Multimode
Number of Fibers	1
Distance	2000', 600m
Connector	SC

#### Physical

Size	Height 0.7"/1.8 cm Width 1.58"/4.02 cm Depth 3.31"/8.41 cm
Weight	Approximately 0.5 lbs/0.23 kg





**Desk top or rackmount operation**

**Direct or network connection**

**Robust 24/7 operation**

**Lighted buttons**

**Fast response**

**Up to 2 units in 1RU rackmount**

**Models**

**BP-16LX**  
X/Y Select for Linx 8x8SP, 800 and 900

**BP-16PX**  
Preset select for all Linx DVI switchers

**BP-16PS**  
Preset select for QuadView multiviewers

**BP 16PW**  
Preset select for MediaWall and SuperView processors

**PUSH-BUTTON REMOTE CONTROL OVER ETHERNET**

The BP-16 is a 16-button remote control panel for use with RGB Spectrum products. Versions are available for routing inputs and outputs on Linx™ switchers and for preset selection on most RGB Spectrum products.

Ethernet network capability allows the BP-16 to work over a LAN or WAN. Each unit has its own configurable IP address and can be used in a network environment or connected directly to a unit. The networkable architecture allows multiple BP-16s access to the same device.

With a unique chassis design, the BP-16 can be mounted in a rack or used on a desktop. Two units fit in a single rack space. The desktop footprint is compact and ergonomic. The switcher's high quality pushbuttons are back-lit by an LED with selectable light levels. Removable button caps allow for custom labels to reference named presets.

Like all RGB Spectrum products, the BP-16 is designed to operate under the most demanding conditions. The steel chassis and top-rated switch assemblies make this a unit that performs well, feels solid and is 24/7 dependable.

**Specifications**

**Control**

Serial	USB B
Network	Ethernet TCP/IP 10/100 Base-TX

**Physical Specifications**

Width	6.25"/15.9 cm
Depth	2.2"/5.6 cm
Depth	2.2"/5.6 cm
	Approximately 0.8 lbs/0.36 kg

**Power Supply**

Input	100-240 VAC, 47-63 Hz
Output	5 VDC
Power consumption	Less than 4W
Dimension	Height 2.5"/6.4 cm
	Width 2.5"/6.4 cm
	Length 3"/7.6 cm

**Options**

BP-16R1	Rackmount for single BP-16 unit (1 RU)
BP-16R2	Rackmount for two BP-16 units (1 RU)