



Transmit DVI Signals Up to 400m (1300 Ft) On a Single Fiber

XtendView Fiber-to-DVI Extenders

**Extends DVI signals up to 1300 ft (400m)
on a single fiber**

Compact “all-in-the-headshell” design

HDCP compliant

Video, EDID and HDCP on a single fiber

Supports HDMI with embedded audio

Transmitter is pin power capable

External power supplies included

RGB Spectrum’s XtendView® Fiber-to-DVI extenders are a compact, long range signal extension solution that transmits data up to 1300 feet (400m) over a single strand of fiber optic cable.

The XtendView system consists of transmit (TX) and receive (RX) plug-in endpoints fitted with industry standard SC jacks for easy connection of fiber cables. The endpoints’ innovative “all-in-the-headshell” system uses miniaturized electronics that fit entirely within the DVI connector housing, eliminating the need for external boxes and cables and greatly simplifying installation. XtendView TX/RX endpoints are compatible with all RGB Spectrum wall processors, multiviewers, switchers, and AV devices from other manufacturers.

XtendView endpoints feature an integrated data channel that supports real-time EDID pass-through and HDCP. EDID and HDCP data are combined with the video, so only a single fiber is required. XtendView endpoints also support embedded audio in HDMI signals.

For further convenience and installation ease, XtendView TX endpoints may be powered externally or through pin power.

Fiber optic cable is ideal for transmitting DVI signals over moderate to long distances because it is lightweight, secure, and immune to EMF and RFI interference. Different cable types, such as plenum-rated and armored, are widely available for special security requirements. Fiber is the preferred solution for mission-critical applications that require the highest level of security.

XtendView Fiber-to-DVI extenders are a high performance, elegant, and cost effective solution for signal distribution, for both small-scale and large-scale installations.

Specifications

TX and RX Endpoints

Format	Single-link
Pixel Clock	25 to 165 MHz
Power: TX Module	Pin-power or external supply
Power: RX Module	External supply
Resolutions	Up to 1920 x 1200 and 2048 x 1152
HDCP Compliant	Yes
Connectors	DVI-D, SC Power
Power	5 VDC @ 0.5 amp

Optical Fiber

Fiber Type	Multimode 50 mm or 62.5 mm
Number of Fibers	1
Distance/Range	1312 ft/400 m with OM3 or better
Connector	SC

Physical

Size (H x W x D)	0.58 x 1.58 x 3.58 in / 1.47 x 4.02 x 9.09 cm
Weight	0.2 lbs/74 gm

