

StudioPRO Extender

Supports High Speed USB 1.1 and 2.0 Peripherals



The Logical Solution

The StudioPRO Extender (SPE) is a fiber optic extender designed to extend USB 1.1 or USB 2.0 and DVI video signals up to 1000 meters (3280 feet) over multi-mode fiber. Each video output is isolated from each input, insuring signal integrity throughout the system, while maintaining a high level of signal routing flexibility and control. The StudioPRO Extenders are designed for high-resolution video and USB extension applications, such as remote projection centers, theaters and assembly halls, and for secure computer installations.

The Features

- Supports video resolutions up to 1920x1200 in Single-Link and 3840x2400 in Dual-Link
- Supports USB 1.1 low-speed/full-speed and USB 2.0 hi-speed devices
- Four port USB hub on receiver
- Plug and play installation
- LEDs provide link status
- Support of the DVI-D interface
- Fully DDC2B compliant
- Transparent operation and functionality - no user interaction required
- Signal transmission via fiber optic cable - no RF interference
- Fully compatible with all Thinklogical™ DCS Matrix Switches and DCS StudioPRO™ Matrix Switches

The System

Each system consists of a transmitter and a receiver connected by multi-mode fiber optic cable. The transmitter connects to the host computer with standard USB and DVI cables and the receiver provides four ports for connection of peripheral devices as well as video connections. External power is required for both the transmitter and receiver units and two universal power supplies are included. Plug-and-play with no adjustments makes setting up the SPE fast and easy. In addition, LEDs provide link status at a glance. The SPE successfully delivers USB 2.0 data at speeds up to 480Mbps.

The Models

The **SPE-SL1.1** extends Single-Link DVI with full support of USB 1.1 peripherals.

The **SPE-SL2.0** extends Single-Link DVI with full support of USB 2.0 peripherals.

The **SPE-DL1.1** extends Dual-Link DVI with full support of USB 1.1 peripherals.

The **SPE-DL2.0** extends Dual-Link DVI with full support of USB 2.0 peripherals.

All models are available with SC-, ST-, or LC-type fiber connectors.

Copper Connectors

Transmitter:

Video Input	DVI-D female (1)
Video Output	DVI-D female (1)
USB	USB B connector
Power	2.5mm threaded connector
Fiber Connectors	ST, SC or LC (3) (Single-Link) ST, SC or LC (4) (Dual-Link)

Receiver:

Video Output	DVI-D female (1)
USB	USB A connector (4)
Power	2.5mm threaded connector
Fiber Connectors	ST, SC or LC (3) (Single-Link) ST, SC or LC (4) (Dual-Link)

Cables Included with Single-Link Models:

USB Type A to USB Type B Cable, 6FT
DVI-D Male to DVI-D Male Cable, 2M

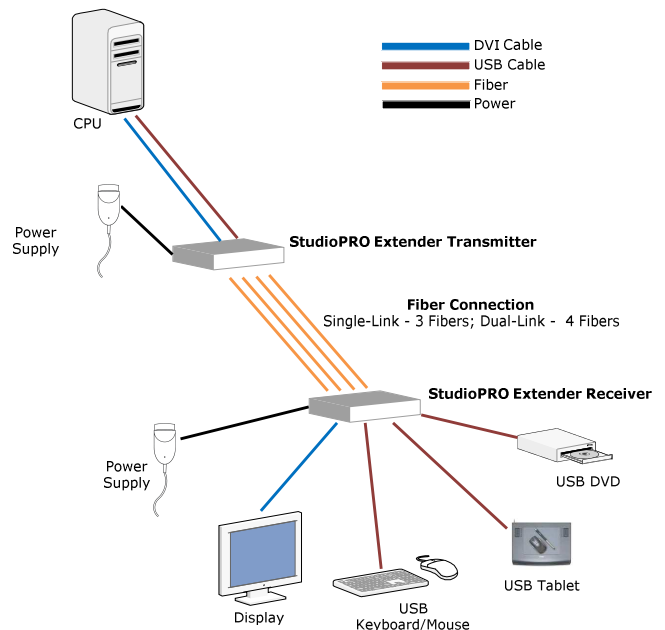
Cables Included with Dual-Link Models:

USB Type A to USB Type B Cable, 6FT
DVI-D Male to DVI-D Male Dual-Link Cable, 2M

Specifications

Video Resolution	Dual-Link DVI 3840 x 2400 Single-Link DVI 1920 x 1200
DC Power Adapter	100-240 VAC, 50-60 Hz, 0.55A Universal AC power supply (2 supplied)
Supply Voltage	+5.0 VDC @ 4A
Operating Temp.	0°-50°C; (32°-122°F)
Humidity	5-95% RH, non-condensing
Dimensions	Height: 1.640" (4.2cm)
And Weights	Depth: 4.423" (11.2cm) Width: 7.969" (20.2cm) (Tolerance: ± .039"; .001cm) Weight: 2lbs (0.91kg) each Shipping Weight: 9lbs (4.08kg) (TX and RX)
Optical Cable	Three fibers, multi-mode 50 or 62.5 micron (available, not supplied)
Optical Distance	Up to 1000 meters (3280 feet)
Power Consumption	12 watts per unit
Compliance	Approvals for US, Canada, and European Union
Warranty	12 months from date of shipment.
Extended warranties available	

Typical Application for StudioPRO™ Extenders



*Ability to extend DVI video signals and USB devices
(keyboard and mouse, tablet, DVD, etc) to a host computer
up to 1000 meters over standard multi-mode fiber.*

Ordering Information

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