

## TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D Single Line
Maximum pixel clock	165 MHz
Input interface (TX)	(4) DVI-D 29-pin female
Output interface (RX)	(4) DVI-D 29-pin female
Resolution	Up to 1920 x 1200 @ 60 Hz
DDC	5 volts p-p (TTL)
Input equalization	Automatic
Input cable length	Up to 20 ft
Output cable length	Up to 20 ft
RS-232	
Input interface (TX)	(1) DB9 (Female)
Output interface (RX)	(1) DB9 (Female)
Speed	Up to 115 Kbps
USB	
Signal type	EHCI (USB 2.0) and OHCI/UHCI (USB 1.1)
Input interface (TX)	(1) USB type B (female)
Output interface (RX)	(4) USB type A (female)
AUDIO	
Signal type	Stereo audio
Bandwidth	15 MHz, 0 dB
Impedance	10 kOhm
Connector	3.5 mm stereo mini female
OPTICAL	
Fiber type	Duplex, multi mode
Connector type	Duplex LC
Wavelength	1310 nm/1550 nm (dual wavelength)
Data rate	2x2.5 Gbps (2.5 Gbps per single wavelength)
Transmission power	-5 dB min
Receiver sensitivity	-21 dB max
Distance	500 m max

OTHER	
Power Supply	Internal 100-240 VAC
Dimensions	17" W x 1.7" H x 7" D
Weight	8 lbs
Operating temp.	32-131 °F (0-55 °C)
Storage temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 95% (non-condensing)

## WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
SFX-4P-M-S	1	Quad DVI-D, Audio, USB and RS-232 Multimode Fiber Extender.
CCPWR06	2	6' Power Plug Cable
Quick Start Guide	1	

## NOTICE

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800.AVI.2131, 702.800.0005  
2455 W Cheyenne Ave, Suite 112  
North Las Vegas, NV 89032

[SmartAVI.com](http://SmartAVI.com)

**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# SFX-4P

## 4-Port DVI-D & USB 2.0 Fiber Extender



**QUAD DVI-D, STEREO AUDIO,  
USB 2.0/1.1, RS-232  
MULTIMODE FIBER EXTENDER  
UP TO 1,500 FT**

**Quick Start Guide**

## ABOUT SFX-2P

The SFX-4P is a perfect solution for extending 4 DVI-D and USB 2.0 signals from a computer in a remote location up to 1,500 feet away. It supports high-resolution DVI-D video and all USB device types from high-speed web cams, hard drives, printers, scanners, audio devices, touch screens, digital cameras and game controllers.

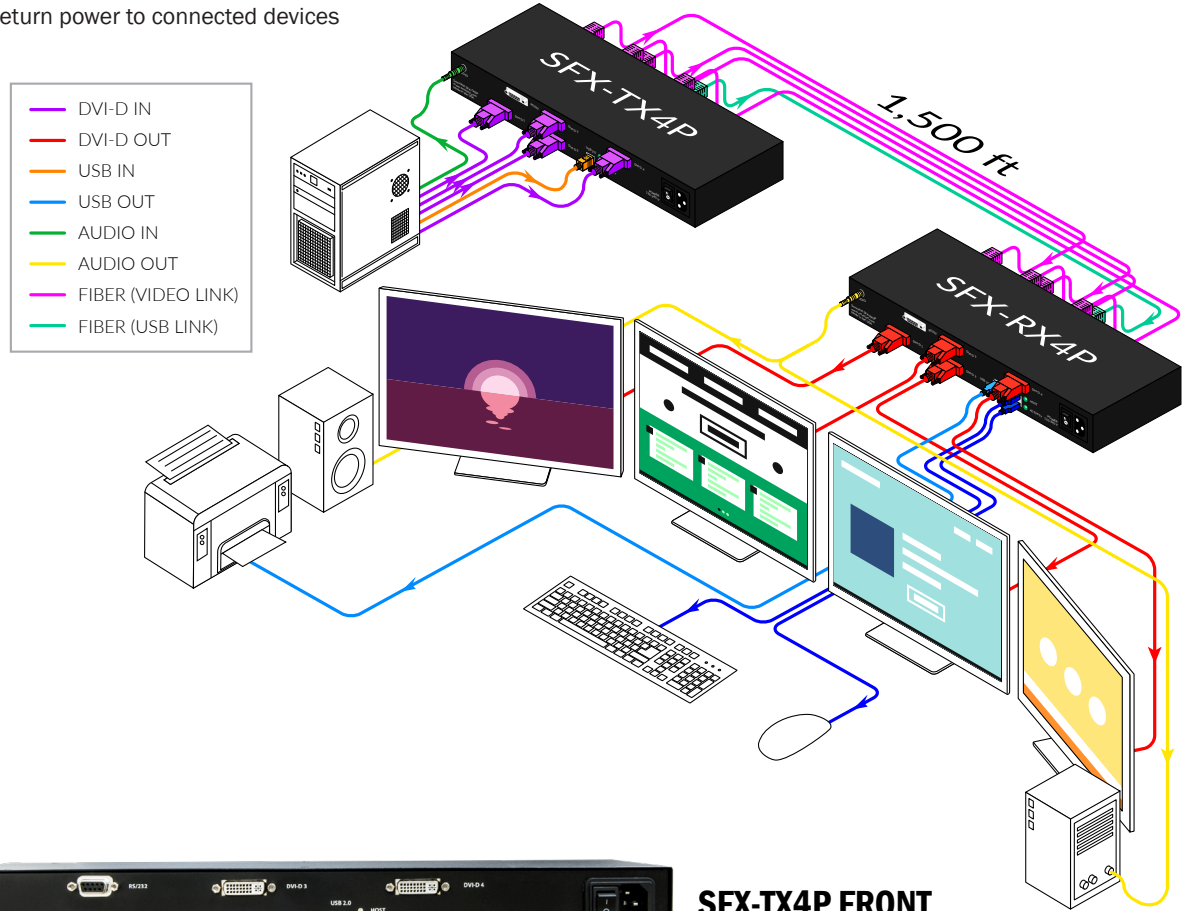
The SFX-4P is immune to electromagnetic interference, making it ideal for use in situations where there is considerable interference. The SFX-4P is also very secure because it's fiber optic signals cannot be easily tapped.

## FEATURES

- Top signal quality at maximum extension over multimode fiber (1,500 ft) plug type LC
- DVI-D Video Resolutions up to 1920 x 1200 WUXGA at 60Hz
- DDC Learning
- Supports USB 1.1 (12 Mbps) and USB 2.0 (480 Mbps) data rates
- Supports all USB device types transparently (no emulation) from high-speed web cams, hard drives, printers, scanners, audio devices, touch screens, game controllers and more Integrated Four-Port Hub in the receiver
- Compatible with all operating systems
- Extends Stereo Audio
- Extends RS-232
- Plug and play

## HARDWARE INSTALLATION

1. Turn off connected devices
2. Connect cables between signal source device and TX unit's input ports
3. Connect cables between the RX unit's output ports and end-point device
4. Connect TX and RX via CAT5e/6 cable
5. Connect power supply to either TX and RX units
6. Turn on TX and RX units
7. Return power to connected devices



**SFX-TX4P FRONT**



**SFX-TX4P BACK**



**SFX-RX4P FRONT**



**SFX-RX4P BACK**