

## TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D Single Line
Maximum pixel clock	165 MHz
Input interface (TX)	(2) DVI-D 29-pin female
Output interface (RX)	(2) 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-2P-M-S	1	Dual DVI-D, Audio, USB and RS-232 Multimode Fiber Extender.
CCPWR06	2	6' Power Plug Cable
Quick Start Guide	1	

## NOTICE

The information contained in this document is subject to change without notice. SmartAVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for particular purpose. SmartAVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

No part of this document may be photocopied, reproduced, or translated into another language without prior written consent from SmartAVI Technologies, Inc.



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-2P

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



**DUAL 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-2P is a perfect solution for extending 2 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.

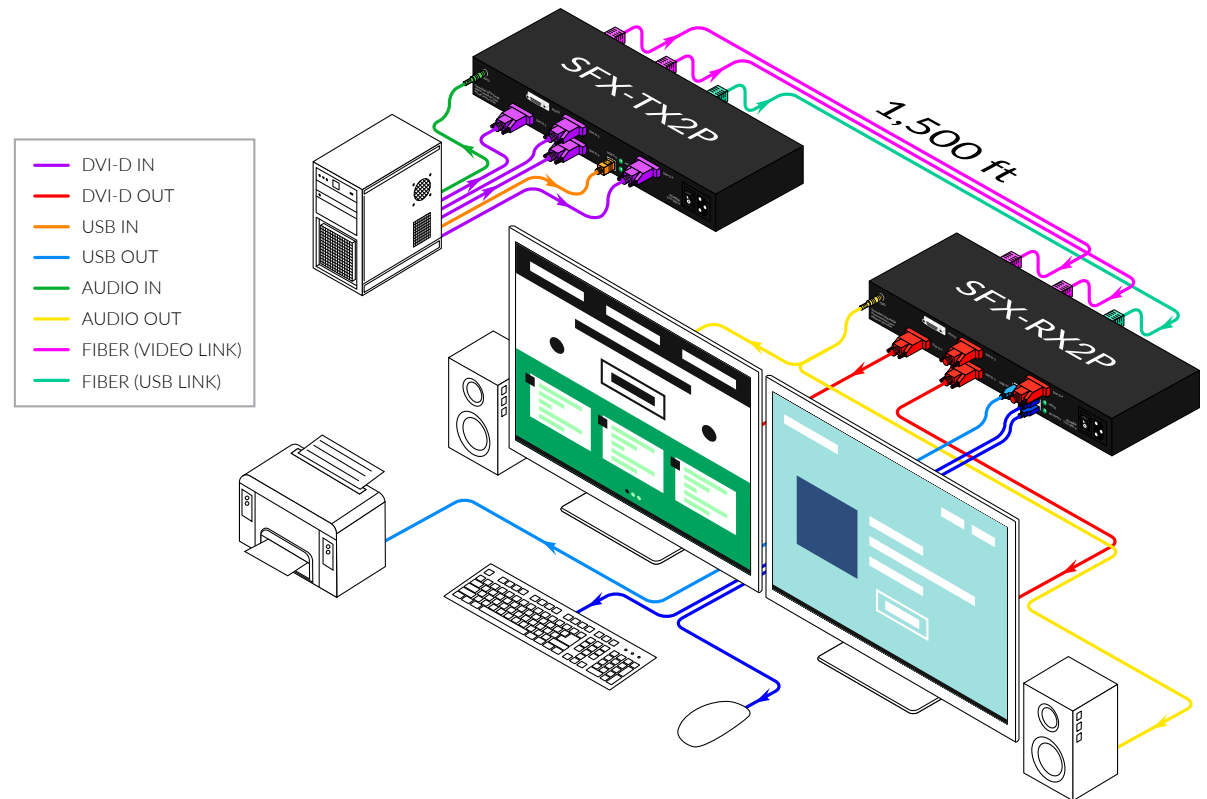
The SFX-2P is immune to electromagnetic interference, making it ideal for use in situations where there is considerable interference. The SFX-2P is also very secure because it's fiber optic signals cannot be easily tapped.

## 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-TX2P FRONT**



**SFX-TX2P BACK**



**SFX-RX2P FRONT**



**SFX-RX2P BACK**