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 @60Hz Up to 4K/2K (3840x2160) @30Hz
DDC	5 volts p-p (TTL)
Input equalization	Automatic
Input cable length	Up to 20 ft
Output cable length	Up to 20 ft
IR	
Input interface (TX)	(1) 3.5 mm (Female)
Output interface (RX)	(1) 3.5 mm (Female)
Frequency Response	30KHz to 80KHz
RS-232	
Input Interface (TX)	(2) DB9 (Female)
Output Interface (RX)	(2) DB9 (Female)
Speed	@ 115 Kbps
OTHER	
Power	External 100-240 VAC/5VDC4A
Dimensions	17 in W x 1.7 in H x 3.2 in D
Weight	5 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
SDX-4P-TX	1	Dual DVI-D, USB 1.1, Dual RS232, Audio, CAT5/5e/6 Transmitter
SDX-4P-RX	1	Dual DVI-D, USB 1.1, Dual RS232, Audio, CAT5/5e/6 Receiver
PS5VDC4A	2	PS5VD4A Power Supply
Quick Start Guide	1	

NOTICE

DESIGNED AND MADE IN THE USA

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North Las Vegas, NV 89032

SmartAVI.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

SDX-4P

Quad Head DVI-D, USB Keyboard, Mouse and Audio Extender Over Cat5e/6

EXTEND QUAD DVI-D, DUAL RS-232, USB AND AUDIO UP TO 400 FEET OVER FOUR CAT5/5E/6 CABLES

Quick Start Guide

ABOUT SFX

The SDX-4P DVI extender is capable of sending quad DVI-D signals up to 400 feet over four conventional and inexpensive CAT5/5e/6 cables. The SDX-4P also extends USB keyboard and mouse, audio and RS-232 signals, giving users the ability to control displays or devices remotely. 400 feet of signal extension from the SDX-4P gives system architects and end users the ability to create the audio and video environment that best suits their needs and applications. With support for high resolution monitors, users can get the most out of their displays while getting hundreds of extra feet of flexibility. And thanks to the unit's quad head functionality, users can operate a truly impressive and productivity-enhancing work space.
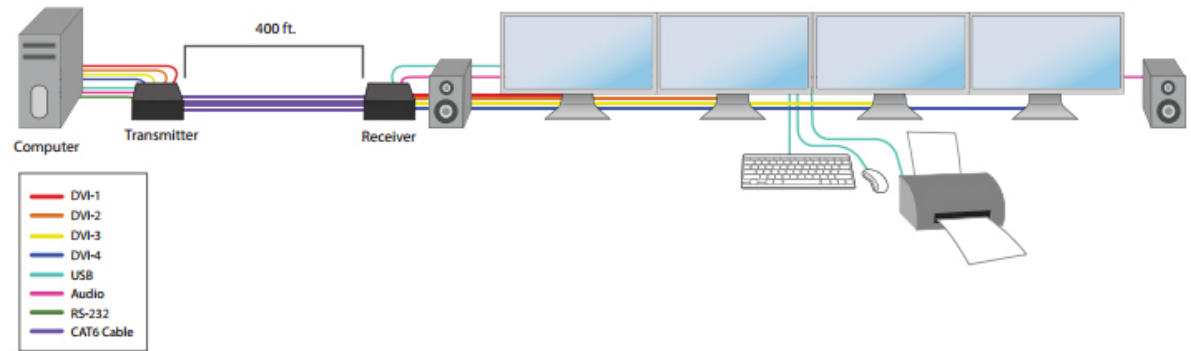
FEATURES

- Extends quad DVI-D up to 400 feet (120m) from the source
- HDCP Support
- Supports up to 1920x1200 digital video resolution @ 60 Hz
- Supports 4K/2K (3840x2160) video resolution @ 30 Hz
- Automatic DDC Learning
- USB Keyboard and Mouse extension
- RS-232 extension allows for remote control of displays
- External power adapter for transmitter and receiver unit
- Supports Stereo Sound
- Compatible with Windows, Mac and Linux Operating Systems

HARDWARE INSTALLATION

1. Power off all devices.
2. Connect four DVI-D sources (computer) to the four DVI-D ports on the back of the SDX-TX4P.
3. Connect a USB source (computer) to the USB port on the SDX-TX4P.
4. Optionally connect RS-232 and IR for control functions.
5. Connect the SDX-TX4P to the SDX-RX4P with two CAT5 UTP (Unshielded Twisted Pair) cables.
6. Connect a DVI-D compatible display to each of the two DVI-D ports on the back of the SDX-RX4P.
7. Connect USB keyboard and mouse to the USB ports on the SDX-RX4P.
8. Optionally connect RS-232 and IR for control functions.
9. Connect the power to the SDX-RX4P and the SDX-TX4P.
10. Power on the display and then the computer.

   NOTE: The DDC of your display will be learned automatically

SDX-4P-TX FRONT

SDX-4P-TX BACK

SDX-4P-RX FRONT

SDX-4P-RX BACK