

TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D Single Line
Maximum pixel clock	165 MHz
Input interface (TX)	(1) DVI-D 29-pin female
Output interface (RX)	(1) 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
USB	
Input interface (TX)	(1) USB Type B (Female)
Output interface (RX)	(2) USB Type A (Female)
Signal Type	OHCI/UHCI (USB 1.1)
RS-232	
Input Interface (TX)	DB9 (Female)
Output Interface (RX)	DB9 (Female)
Speed	@ 115 Kbps
OTHER	
Power	External 100-240 VAC/5VDC3A
Dimensions	8.25 in W x 1 in H x 3.625 in D
Weight	1 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-PLUS-TX	1	DVI-D, USB 1.1, RS232, CAT5/5e/6 Transmitter
SDX-PLUS-RX	1	DVI-D, USB 1.1, RS232, CAT5/5e/6 Receiver
PS5VDC3A	2	PS5VD3A Power Supply
Quick Start Guide	1	

NOTICE

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

SDX-PLUS

**DVI, KVM and Audio
Extender Over Cat5e/6**



**EXTEND DVI-D VIDEO,
USB KEYBOARD AND MOUSE,
RS-232 UP TO 400 FEET (120M)
OVER A SINGLE CAT5/5E/6
CABLE**

Quick Start Guide

ABOUT SFX

Using HDBaseT technology, the SDX-Plus DVI extender is capable of sending a DVI-D signal up to 400 feet over a single conventional and inexpensive CAT5/5e/6 cable. HDBaseT technology is superior to older DVI extenders that require a special CAT6 shielded cable to go a short distance. The SDX-Plus also has USB keyboard and mouse, and RS-232 extension, giving users the ability to control displays or devices remotely.

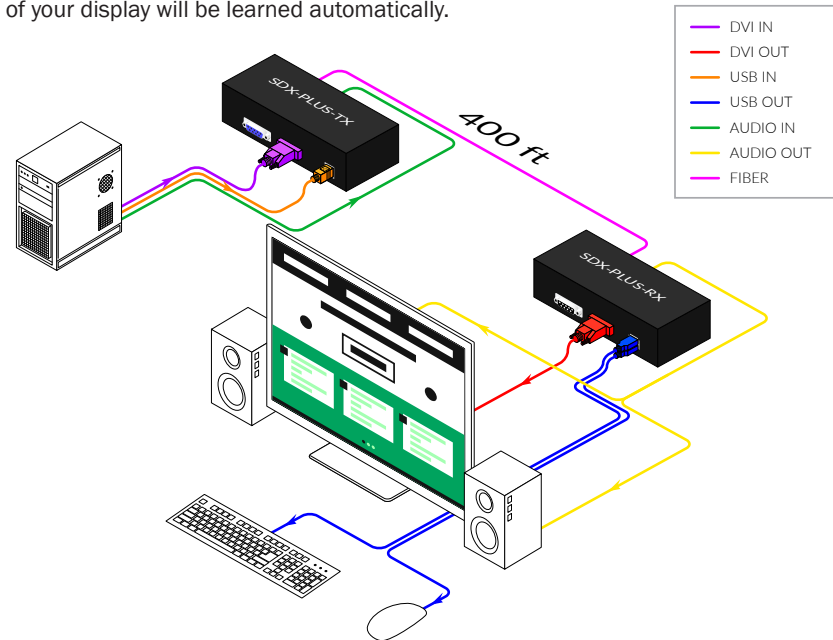
FEATURES

- Extends DVI-D up to 400 feet (120m) from the source
- Data recovery for digital video
- Supports up to 1920x1200 digital video resolution @ 60Hz
- Supports 4K/2K (3840x2160) video resolution @ 30Hz
- Automatic DDC Learning
- USB Keyboard and Mouse
- Uncompressed Video using HDBaseT
- Supports RS-232 extension
- External power adapter for transmitter and receiver unit
- Plug-and-play ready

HARDWARE INSTALLATION

1. Power off all devices.
2. Connect a DVI-D source (computer) to the DVI-D port on the SDX-Plus-TX.
3. Connect a USB source (computer) to the USB port on the SDX-Plus-TX.
4. Optionally connect RS-232 and IR for control functions.
5. Connect the SDX-Plus-TX to the SDX-Plus-RX with one CAT5 UTP (Unshielded Twisted Pair) cable.
6. Connect a DVI-D compatible display to the DVI-D port on the rear of the SDX-Plus-RX.
7. Connect USB keyboard and mouse to the USB ports on the SDX-Plus-RX.
8. Optionally connect RS-232 and IR for control functions.
9. Connect the power to the SDX-Plus-RX and the SDX-Plus-TX.
10. Power on the display and then the computer.

NOTE: The DDC of your display will be learned automatically.



SDX-PLUS-TX FRONT



SDX-PLUS-RX FRONT



SDX-PLUS-TX BACK



SDX-PLUS-RX BACK

