SDX-Plus

Extra Long Range DVI-D, USB Keyboard and Mouse, RS-232 and Audio Extender

Extend DVI-D video, USB Keyboard and Mouse, RS-232 up to 400 feet (120m) over a single CAT5/5e/6 cable

OVERVIEW

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.
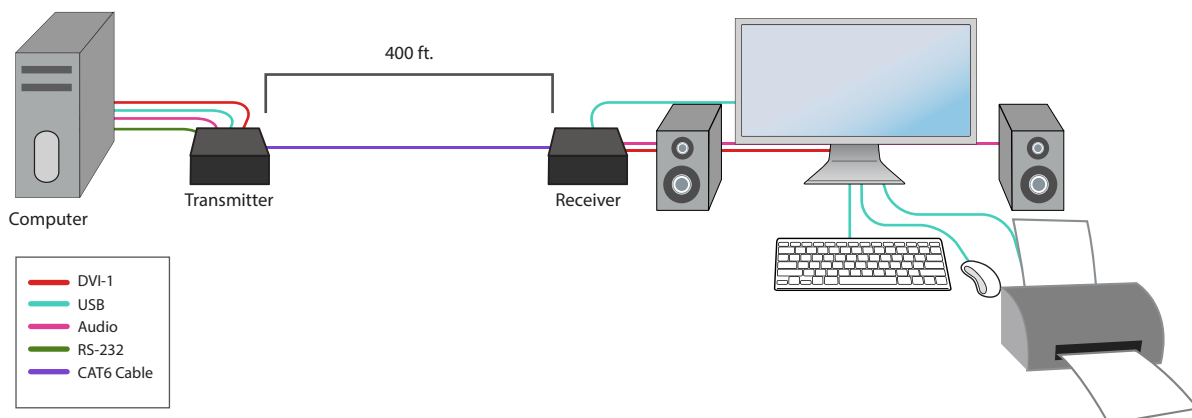
FEATURES

- 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

APPLICATIONS

- Digital Signage
- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
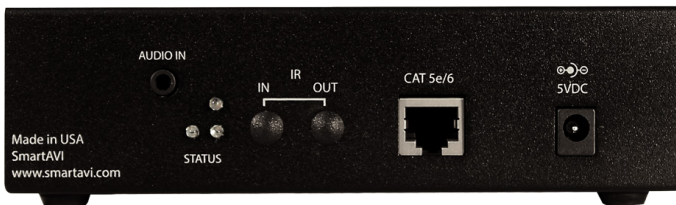- Recording Studio
- PC KVM Extension

APPLICATION DIAGRAM

400 ft.

Computer   Transmitter   Receiver

- DVI-1
- USB
- Audio
- RS-232
- CAT6 Cable

SPECIFICATIONS

SDX-Plus-RX Front

SDX-Plus-TX Front

SDX-Plus-RX Back

SDX-Plus-TX Back

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 (3840x2I60) @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	
Signal Type	OHCI/UHCI (USB 1.1)
Input Interface (TX)	(1) USB Type B (Female)
Output Interface (RX)	(2) USB Type A (Female)

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%

Part No.	Description
SDX-Plus-S	DVI-D + USB + RS-232 Extender Includes: [SDX-Plus-TX, SDX-Plus-RX, 2x (PS5VDC3A)]

Designed and Manufactured in the USA