

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

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

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

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. The SDX-Plus also has USB keyboard and mouse, and RS-232 extension, giving users the ability to control displays or devices remotely.

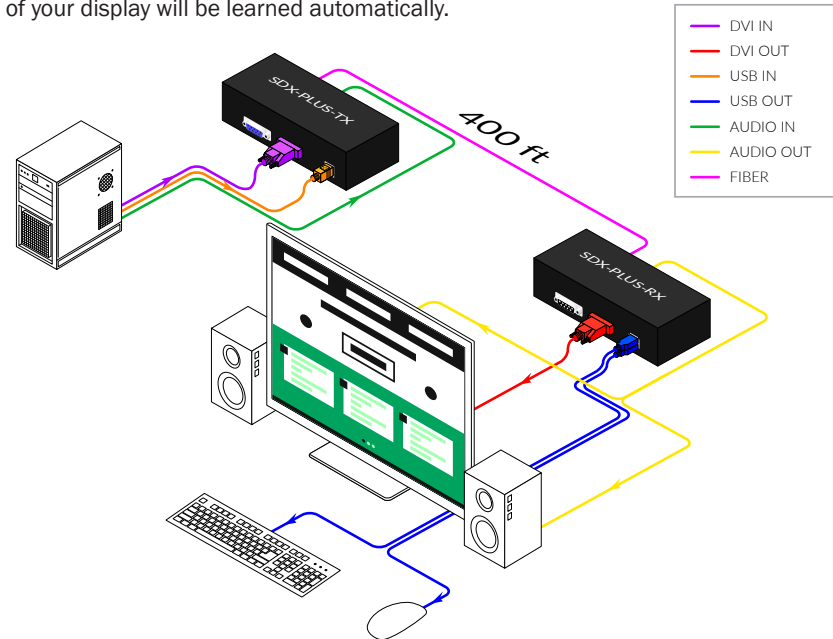
FEATURES

- 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
- 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 the SDX-Plus-RX with one CAT5 UTP (Unsheilded 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

