What's in the Box?

PART NO.	QTY	DESCRIPTION
DVX2US	1	2 DVI-D and USB over CAT6 STP Extender. Includes: [DVX2U-TX, DVX2U-RX and 2 x (PS-5VD4A)]
Power Supply	1	PS5VDC4A
User Manual	1	

Technical Specifications

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 @60Hz
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	USB 1.1 (Fully Transparent)
Input Interface (TX)	(1) USB Type B (Female)
Output Interface (RX)	(4) USB Type A (Female)

OTHER	
Power	External 100-240 VAC/5VDC4A
Dimensions	8.25 in W x 1 in H x 3.5 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%

For more information, visit www.smartavi.com.

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Installation Manual

DVX2U
Dual DVI-D and USB 1.1 Extender over STP

Dual DVI-D and USB 1.1 Extender up to 275 feet over STP Cable

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Introduction

The DVX2U is the perfect solution for extending dual DVI-D displays and USB 1.1 devices to a remote location. It extends DVI-D and USB 1.1 signals to a remote location up to 275 feet away.
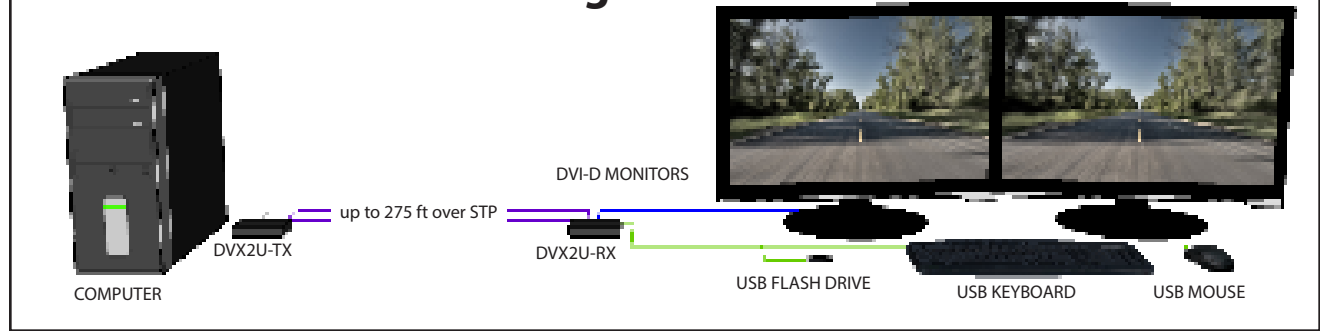
Features

- DDC from internal table for Mac/PC
- Supports Mac, PC, and Linux DVI
- Supports High Resolution 1920x1200 60Hz WUXGA
- Uses universal DVI Single Link connectors
- Zero pixel loss with TMDS signal correction
- Supports all USB 1.1 Devices Transparently (Flash Drives, Printers, Cameras, Scanners, etc.)
- Supports USB 1.1 keyboard and mouse

Applications

- Medical Applications
- Industrial Work Areas
- Home Theater Integration
- Digital Signage Deployment
- Information Kiosks/Displays
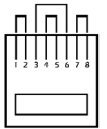- Film/Recording Studios

Product - Installation Diagram

COMPUTER   DVX2U-TX   up to 275 ft over STP   DVX2U-RX   DVI-D MONITORS   USB FLASH DRIVE   USB KEYBOARD   USB MOUSE

Connecting the DVX2U

1. Power off all devices.

2. Connect two DVI-D sources (computer) to the DVI-D ports of the DVX2U-TX labeled [1] and [2].

3. Connect two USB sources to the USB ports of the the DVX2U-TX labeled .

4. Connect the DVX2U-TX to the the DVX2U-RX with three STP (Sheilded Twisted Pair) cables using the rear ports labeled < 1 > < 2 > and < 3 >.

5. Connect a DVI monitor to the port on the rear of the DVX2U-RX labeled [1] and [2].

6. Connect up to 4 USB 1.1 devices to the ports on the DVX2U-RX labeled .

7. Connect the power supply to the ports labeled ⊕●⊖ on the DVX2U-TX and DVX2U-RX.

8. Power on the computer, displays and USB 1.1 devices.

The following is the wiring standard for terminating UTP/STP cable using RJ-45 connector:

Pair 1	Pins 1 & 2
Pair 2	Pins 3 & 6
Pair 3	Pins 4 & 5
Pair 4	Pins 7 & 8

Connectors:	RJ-45
Capacitance:	14 pf/ft (46.2 pf/m)
Conductor Gauge:	24 AWG
Impedance:	100 +/- 15 ohms