

## TECHNICAL SPECIFICATION

VIDEO	
Video Interface	DVI-D
Single Link Range	480P,720i/p, 1080i/p
Video Data Rate	1.65 Gbps
Resolution	1920 x 1200 @ 60 Hz, Resolution up to 1280 x 1024 min. 75H
USB	
USB max data rate	12Mbps
USB compatibility	1.0 and 1.1
Connector Type	Type A (Transmitter) Type B (Receiver)
OTHER	
Power	Universal Switch mode PSU (90-240V Input) 5VDC 2A
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
DVXU-TX	1	DVI-D and USB Transmitter
DVXU-RX	1	DVI-D and USB Receiver
PS5VD2A-WMT	2	PS5VD2A Power Supply
Quick Start Guide	1	

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**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# DVX-PLUS

## DVI-D and USB Extender via Twisted Pair



**EXTEND USB 1.1 AND DVI-D  
BEYOND THE LIMIT -  
ALL THE WAY UP TO 225FT.  
USING STANDARD  
TWISTED PAIR CABLE**

**Quick Start Guide**

## OVERVIEW

DVX Plus extends Universal Serial Bus (USB 1.1) and Digital Visual Interface (DVI-D) signals via common twisted pair cable. Using a unique method of transparent data transfer, the system allows a USB peripheral and a DVI display to be located up to 225 feet from the CPU.

## FEATURES

- Extends USB and DVI signals up to 225ft from the computer
- Uses easy to install, inexpensive twisted pair cable
- Data recovery for digital video
- Supports 1920x1200 digital video resolution
- Fully compliant with USB 1.1 specifications
- Supports 1.5 and 12 Mbps data rates
- Compatible with all operating systems
- External power adapter for transmitter and receiver unit
- Fully transparent (does not use any emulation)
- Plug and play

## HARDWARE INSTALLATION

1. Connect the transmitter to the host using an A-B USB cable
2. Connect the transmitter to the host DVI-D using male to male DVI cable
3. The A side of the USB connector would go to the computer host and the B side would be connected to the transmitter
4. Check that power LED is lit. The TX/RX LED should not be flashing at this time
5. In the back of the unit connect the CAT5 cable that will connect to the receiver (DVXU-RX)
6. Connect the receiver to the peripheral device using A-B USB cable. In this case the A side of the connector will go to the receiver unit and the B side of the connector will go to the peripheral. Use a USB Hub if needed
7. Connect the receiver unit to the monitor
8. Join the DVX Plus units using shielded cable for DVI-D and standard CAT5/6 UTP cable for USB. Once connected check that the Power LED on both receiver and transmitter is on and the TX/RX LED is flashing, indicating that communication exists between the two units. If receiver LED is not on, make sure the power supply is connected

