

Quad DVI-D, RS232, Audio, RS232 and USB 1.1 Extender Family



DVX-4P

Extend Multiple Signals Up To 220 Feet

For the extension of up to two DVI-D, USB 1.1, stereo audio and RS-232 signals using four CAT6 cables

OVERVIEW

The DVX-2P can extend up to two DVI-D, USB 1.1, stereo audio and RS-232 signals up to 220 feet using 4 CAT6 cables, while retaining clear video and audio quality (with image resolution up to 1900 x 1200 at 60Hz).

FEATURES

- Top image quality at all resolutions
- Video resolutions up to 1900 x 1200 at 60Hz (1280 x 1024 at 75Hz) up to 220 feet
- Internal DCC tables
- Distance: 220 feet with a CAT6 STP cable
- Compatible with all operating systems
- Compatible with all major KVM switches
- Rack mountable
- Supports up to 4 DVI-D sources
- Supports USB 1.1 keyboard and mouse
- Uses easy-to-install, inexpensive pair cable
- Data recovery for digital video
- Fully compliant with USB 1.1 specifications
- Supports 1.5 and 12Mbps data rates
- External power adaptors for transmitter and receiver units
- Fully transparent (does not use any emulation)
- Plug-and-play ready

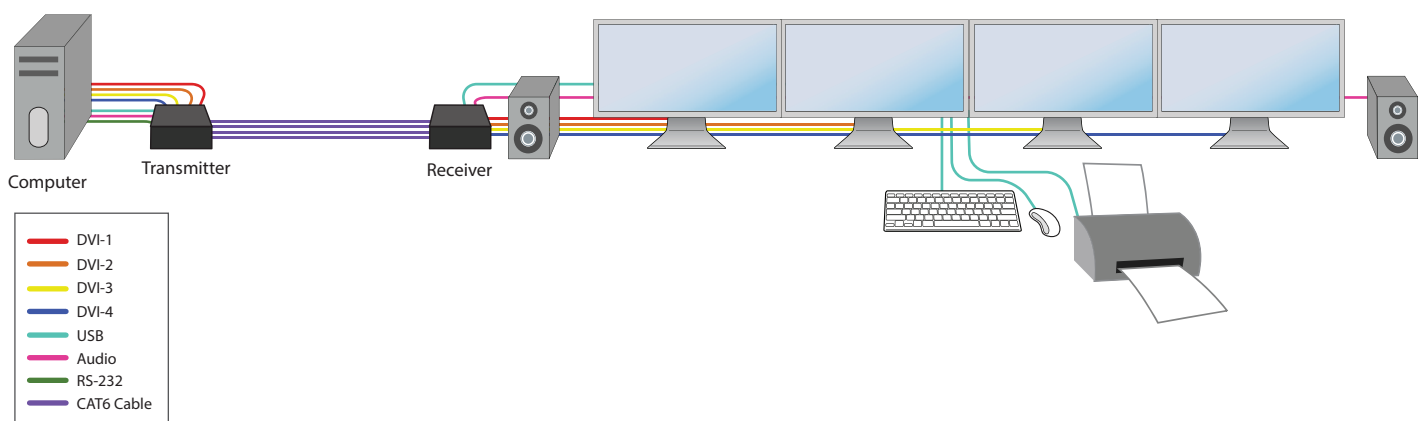
APPLICATIONS

The uses for the SmartAVI DVX-4P are as diverse as the companies that can utilize it – from medical to education, military to entertainment. The DVX-4P allows users the flexibility and ease of installation to completely suit all logistics planning.

Each DVX-4P system includes a transmitter and receiver, which are connected by a CAT6 STP cable. The transmitter connects to the user's computer with the necessary cables, while the receiver connects to the remote interface devices up to 220 feet away.

The SmartAVI DVX-4P is capable of supporting four DVI-D monitors, with USB 1.1 keyboard and mouse, stereo audio and serial (RS-232) connections.

APPLICATION DIAGRAM



SPECIFICATIONS

VIDEO	
Input Interface	DVI-D (Single-Link)
Output Interface	DVI-D (Single-Link)
Resolution	1920x1200 at 60Hz, resolution up to 1280x1024 min. 75Hz
Supported	480p, 720p, 1080i
Data Rate	1.65 Gbps
USB Data	USB maximum data rate 12Mbps
USB compatibility	1.0 and 1.1
AUDIO	
Signal Type	Stereo Audio
Bandwidth	15MHz, 0dB
Impedance	10K Ohm
OTHER	
RS-232	Full duplex, transparent to all baud rates TXd, RXD, GROUND
System cable	CAT6, STP x4 CAT6, 568B
Size TX/RX	17" (L) x 3.5" (W) x 1.70" (H)
Weight	8 Lbs.
Power	Internal 100-240 VAC/5VDC3A@20W

DVX-4P-TXS Front



DVX-4P-TXS Rear



DVX-4P-RXS Front



DVX-4P-RXS Rear



Part No.	Description
DVX-4P-S	DVX-4P Complete 4port DVI-D extender including DVX-4P-TX and DVX-4P-RX
Power	Internal

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:



 Designed and Manufactured in the USA

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Smart-AVI
SMART AUDIO VIDEO INNOVATION