

## TECHNICAL SPECIFICATION

VIDEO	
Format	DVI-D
Maximum Pixel Clock	165 MHz
Input Interface (TX)	(4) DVI-D 29-pin female
Output interface (RX)	(4) DVI-D 29-pin female
Resolution	Up to 1920 x 1200 @ 60Hz AND 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/VHCI (USB 1.1)
RS-232	
Input Interface (TX)	(2) DB9 (Female)
Output Interface (RX)	(2) DB9 (Female)
Speed	@ 115 Kbps
IR	
Input Interface (TX)	(1) 3.5 mm (Female)
Output Interface (RX)	(1) 3.5 mm (Female)
Frequency Response	30KHz to 80KHz
OTHER	
Power	External 100-240 VAC/5VDC3A @ 20W
Dimensions	17 in W x 1.7 in H x 3.2 in D
Weight	2 lbs
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
LDX-4P-TX	1	Quad DVI-D, USB 1.1, Dual RS232, Audio over CAT5/5e/6 Transmitter
LDX-4P-RX	1	Quad DVI-D, USB 1.1, Dual RS232, Audio over CAT5/5e/6 Receiver
PS5VDC3A	2	PS5VDC3A Power Supply
Quick Start Guide	1	

## NOTICE

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800.AVI.2131, 702.800.0005  
2455 W Cheyenne Ave, Suite 112  
North Las Vegas, NV 89032

[SmartAVI.com](http://SmartAVI.com)

**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

# LDX-4P

**Quad Head DVI-D, USB  
Keyboard, Mouse  
and Audio Extender**



**EXTEND QUAD DVI-D,  
DUAL RS-232, USB AND AUDIO  
UP TO 245 FEET OVER TWO  
CAT5E/6 CABLES**

**Quick Start Guide**

## OVERVIEW

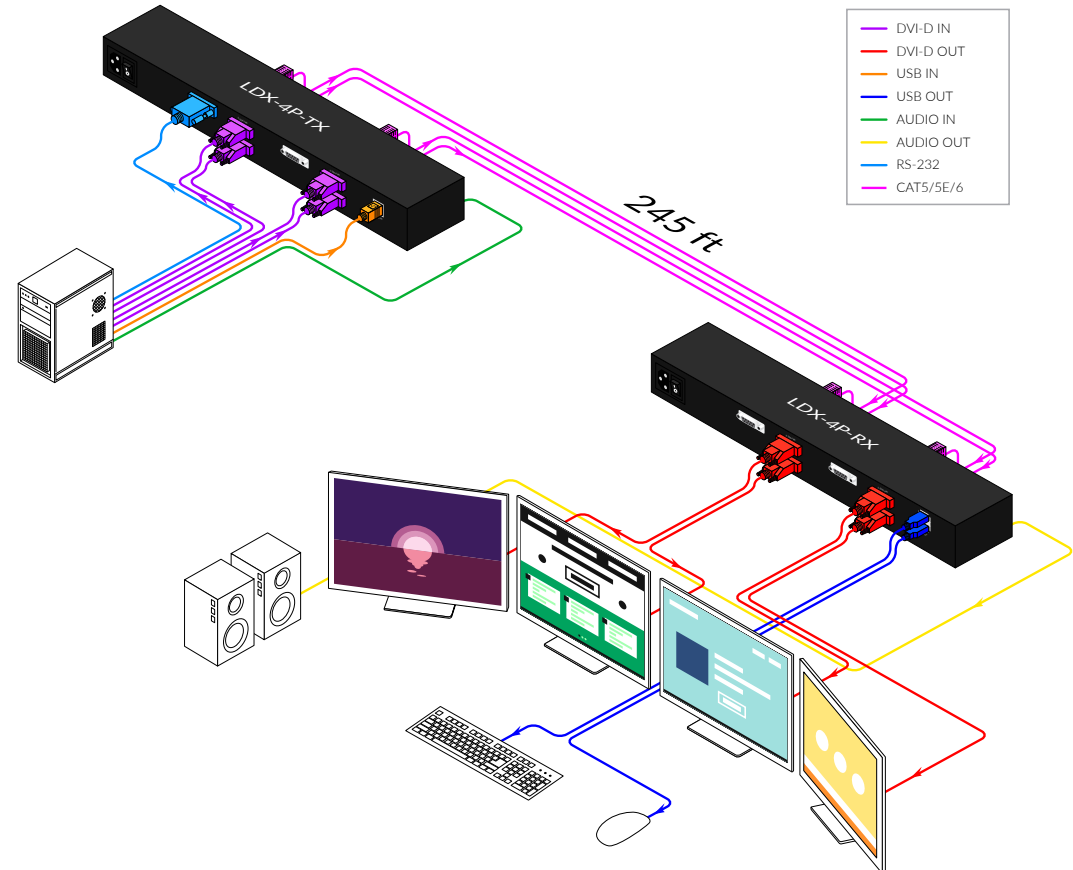
Using HDBaseT technology, the LDX-4P DVI extender is capable of sending quad DVI-D signals up to 245 feet over four conventional and inexpensive CAT5e/6 cables. HDBaseT technology is superior to older DVI extenders that require a special Cat6 shielded cable to go a short distance. The LDX-4P also has USB keyboard and mouse, audio and RS-232 extension, giving users the ability to control displays or devices remotely

## FEATURES

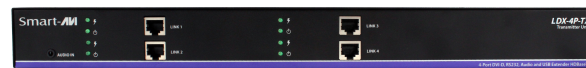
- Extends dual DVI-D up to 245 feet from the source
- HDCP Support
- Supports up to 1920x1200 digital video resolution @ 60Hz
- Supports 4K/2K (3840x2160) video resolution @ 30Hz
- Automatic DDC Learning
- USB Keyboard and Mouse extension
- Uncompressed Video using HDBaseT
- RS-232 extension allows for remote control of displays
- External power adapter for transmitter and receiver unit
- Supports Stereo Sound
- Compatible with Windows, Mac and Linux Operating Systems

## HARDWARE INSTALLATION

1. Power off all devices.
2. Connect two DVI-D sources (computer) to the four DVI-D ports on the back of the transmitter.
3. Connect a USB source (computer) to the USB port on the transmitter.
4. Optionally connect RS232 for control functions.
5. Connect the transmitter to the receiver with four CAT5 UTP (Unshielded Twisted Pair) cables.
6. Connect a DVI-D compatible display to each of the four DVI-D ports on the back of the receiver.
7. Connect USB keyboard and mouse to the USB ports on the receiver.
8. Optionally connect RS232 for control functions.
9. Connect the power to the receiver and the transmitter.
10. Power on the display and then the computer.



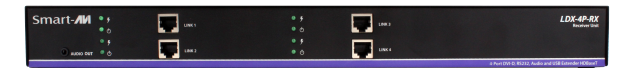
### LDX-4P-TX FRONT



### LDX-4P-TX BACK



### LDX-4P-RX FRONT



### LDX-4P-RX BACK

