

LDX-4P

QUAD HEAD DVI-D, USB KEYBOARD, MOUSE AND AUDIO EXTENDER



EXTEND FOUR DVI-D, USB KEYBOARD-MOUSE, AND STEREO AUDIO SIGNALS UP TO 245 FT

FEATURES

- Extends quad 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
- 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

APPLICATIONS

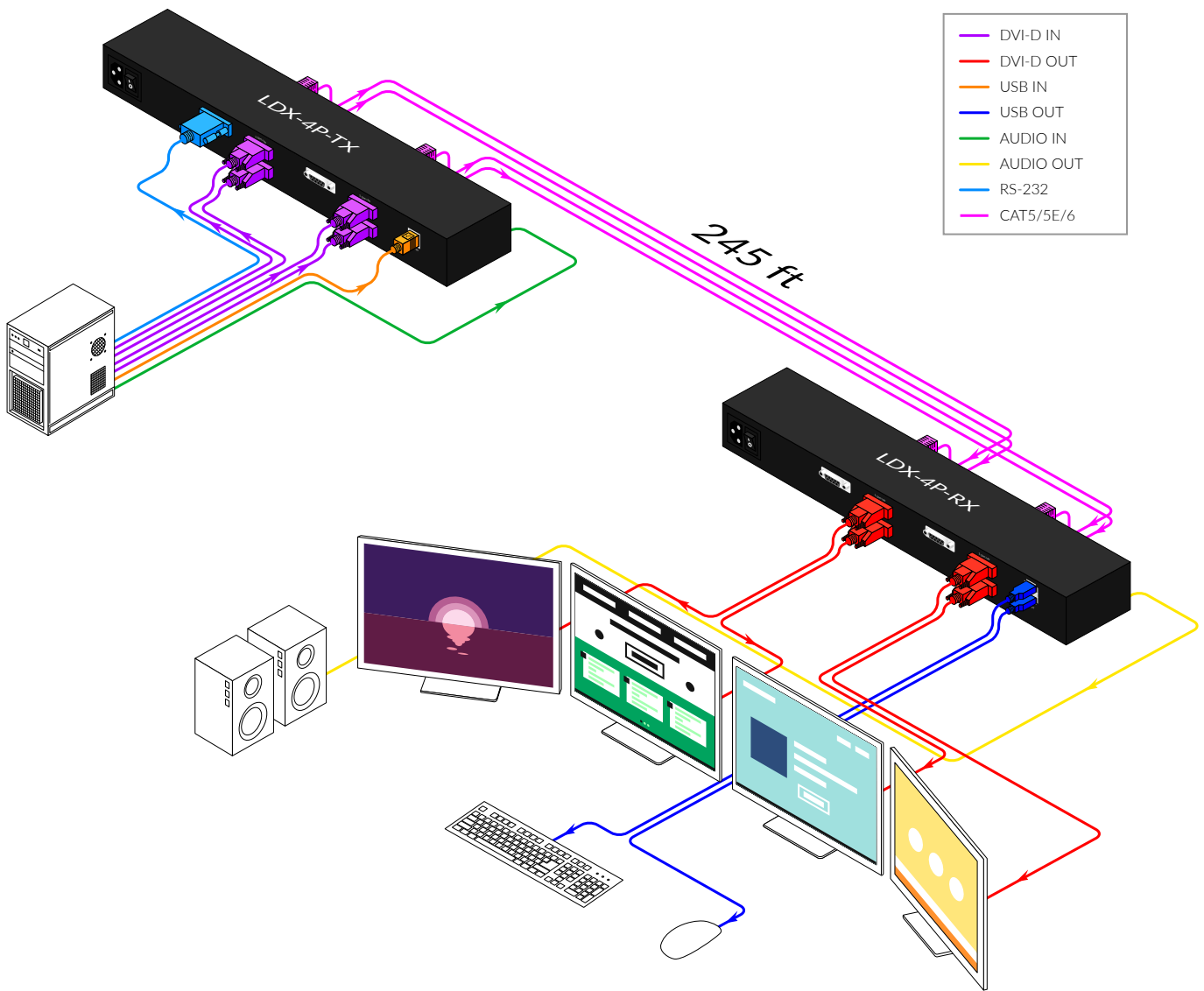
- Digital Signage
- Security
- PC Networking
- Conference Center Systems
- Point of Sale
- Camera Surveillance
- Video Phone
- Control Room Systems
- Recording Studio
- PC KVM Extension



Designed and Manufactured in the USA

OVERVIEW

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. The LDX-4P also has USB keyboard and mouse, audio and RS-232 extension, giving users the ability to control displays or devices remotely.



EXTEND FOR ANY APPLICATION IN ANY ENVIRONMENT

SECURITY

When managing content in high-security environments, creating a safe and secure control room is critical. In the vast majority of such applications, that requires routing signals from a server room, where the computers are safely stored, to a control room, where approved personnel access the data and video feeds. Whether that's in a security surveillance center, an operations control room or some other security-related environment, being able to extend video, audio and USB is a must.

The LDX-4P provides system architects with the flexibility they need to create secure environments for servers as well as the end users accessing those computers. And with quad DVI-D signal extension, users can manage their connected computers with expanded display options, enabling them to stay in control of their content at all times.

DIGITAL SIGNAGE

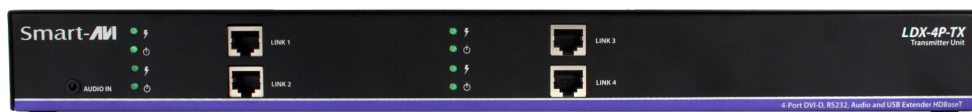
Managing a multi-screen digital signage solution requires some important foresight regarding the signal path to those informative and attractive displays. Particularly when it comes to properly scheduled, updated and managed content being displayed, it's much more efficient to keep all of the digital signage hardware in one central location and to extend the video signals out from there.

That means signal extension is an important part of a smart digital signage solution, and the LDX-4P gives users the flexibility they want and need to place their digital signage screens in the right locations to maximize their effectiveness.

AUDIO AND VISUAL RECORDING

For users in the recording arts, maintaining the utmost in signal and recording fidelity is an absolute necessity. For video recording, it is often important that no unsightly computers are visible. Similarly, audio engineers must keep noisy computers away from the rooms where recording happens to ensure the final product sounds professional. In both such instances, the LDX-4P gives users the ideal way to keep their servers or computers away from areas that audio or video recording is being done, ensuring a better final product.

EXTENDER UNITS



LDX-4P-TX Front



LDX-4P-TX Back



LDX-4P-RX Front



LDX-4P-RX Back

TECHNICAL SPECIFICATIONS

VIDEO	
Format	DVI-D Single Line
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 @ 60 Hz
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft
Output Cable Length	Up to 20 ft

RS-232	
Input Interface (TX)	(2) DB9 (Female)
Output Interface (RX)	(2) DB9 (Female)
Speed	Up to 115 Kbps

AUDIO	
Input Interface (TX)	(1) 3.5 mm (Female)
Output Interface (RX)	(1) 3.5 mm (Female)
Frequency Response	30 KHz to 80 KHz

OTHER	
Power	External 100-240 VAC/5VDC4A
Dimensions	17" W x 1.7" H x 3.2" D
Weight	2 lbs (1 lb per unit)
Operating Temperature	0-55 °C (32-131°F)
Storage Temperature	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

PART NO.	DESCRIPTION
LDX-4PS	Quad Head DVI-D , USB 1.1, Dual RS232 , Audio over CAT5/5e/6 Extender. Includes: [LDX-4P-TX, LDX-4P-RX, 2 X (PS5VD4A-WLLMNT)]
LDX-4P-TX	Quad DVI-D , USB 1.1, Dual RS232 , Audio over CAT5/5e/6 Transmitter. Includes: [LDX-4P-TX, PS5VD4A-WLLMNT]
LDX-4P-RX	Quad DVI-D , USB 1.1, Dual RS232 , Audio, over CAT5/5e/6 Receiver. Includes: [LDX-4P-RX, PS5VD4A-WLLMNT]

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