



# DVI, KVM and Audio Extender Over Cat5e/6 Using HDBaseT Up to 245 ft.

## LDX-Plus

Long Range DVI-D, USB Keyboard and Mouse, RS-232 and Audio Extender  
 Extend DVI-D video, USB keyboard and mouse, and RS-232 signals  
 up to 245 feet over a single Cat5e/6 cable

### OVERVIEW

Using HDBaseT technology, the LDX-Plus DVI extender is capable of sending a DVI-D signal up to 245 feet over a single conventional and inexpensive Cat5e/6 cable. HDBaseT technology is superior to older DVI extenders that require a special Cat6 shielded cable to go a short distance. The LDX-Plus DVI also supports the extension of USB keyboard, USB mouse, and RS-232 signals, giving users the ability to control KVM functions remotely.

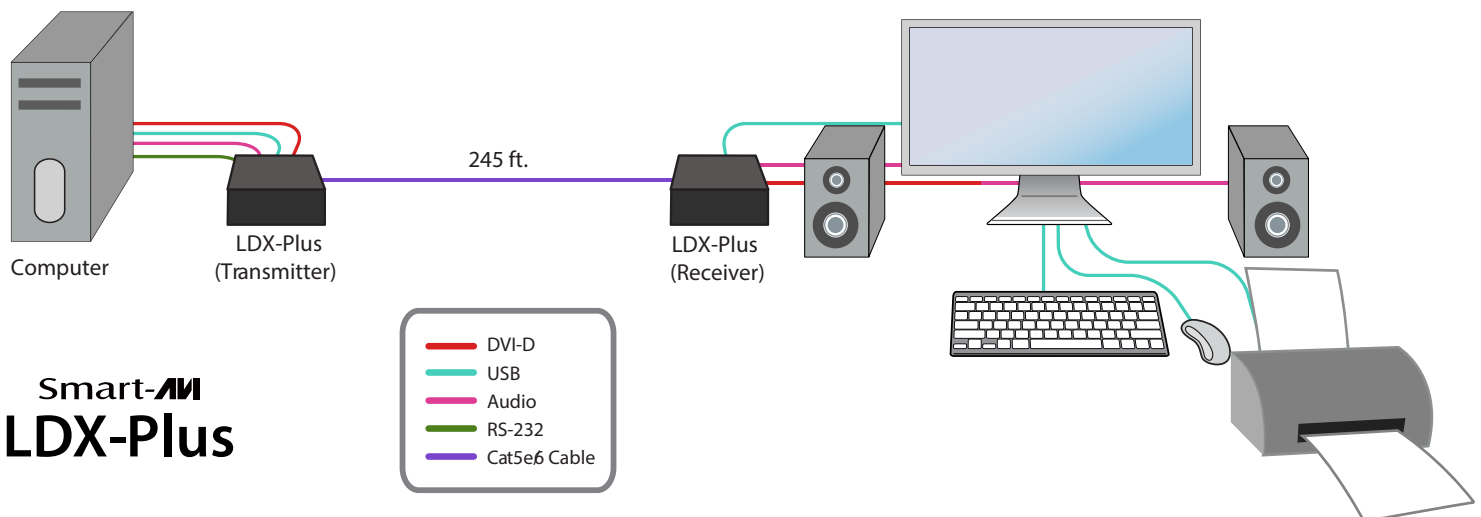
### FEATURES

- Extends DVI-D up to 245 feet from the Source
- Data Recovery for Digital Video
- Supports up to 1920x1200 Digital Video Resolution (@ 60Hz)
- Supports up to 4K/2K (3840x2160) Video Resolution (@ 30Hz)
- Automatic DDC Learning
- Supports USB Keyboard and Mouse
- Uncompressed Video Using HDBaseT
- RS-232 Extension Enables Remote Control
- External Power Adapter for Transmitter and Receiver Unit
- Plug-and-Play Ready

### APPLICATIONS

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

### APPLICATION DIAGRAM



# SPECIFICATIONS



LDX-Plus-RX Front



LDX-Plus-TX Front



LDX-Plus-RX Back



LDX-Plus-TX Back

VIDEO	
Format	DVI-D Single Link
Maximum Pixel Clock	165 MHz
Input Interface (TX)	(1) DVI-D 29-pin (Female)
Output Interface (RX)	(1) DVI-D 29-pin (Female)
Resolution	Up to 1920 x 1200 @ 60Hz, 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	
Signal Type	OHCI/UHCI (USB 1.1)
Input Interface (TX)	(1) USB Type B (Female)
Output Interface (RX)	(2) USB Type A (Female)

RS-232	
Input Interface (TX)	(1) DB9 (Female)
Output Interface (RX)	(1) DB9 (Female)
Speed	@ 115 Kbps
AUDIO	
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/5VDC4A
Dimensions	8.25" W x 1" H x 3.625" D
Weight	1 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%

Part No.	Description
LDX-PLUS-S	DVI-D + USB + RS232 over CAT5 UTP Extender, up to 70 meters. Includes: [LDX-PLUS-TX, LDX-PLUS-RX, 2 x PS5VD4A-WLLMNT]
LDX-PLUS-TX	DVI-D , USB 1.1 , RS232, and Audio over CAT5/5e/6 Transmitter. Includes: [LDX-PLUS-TX, PS5VD4A-WLLMNT]
LDX-PLUS-RX	DVI-D , USB 1.1 , RS232, and Audio over CAT5/5e/6 Receiver. Includes: [LDX-PLUS-RX, PS5VD4A-WLLMNT]



Designed and Manufactured in the USA