



DVI-D and RS-232 Extender Over Cat5e/6 Using HDBaseT Up to 245 ft.

Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

LDX

Long Range DVI-D and RS-232 Extender

Extend DVI-D video and RS-232 signals up to 245 feet over a single Cat5e/6 cable

OVERVIEW

Using HDBaseT technology, the LDX 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 extender also features RS-232 signal extension, enabling long-distance control of displays or devices.

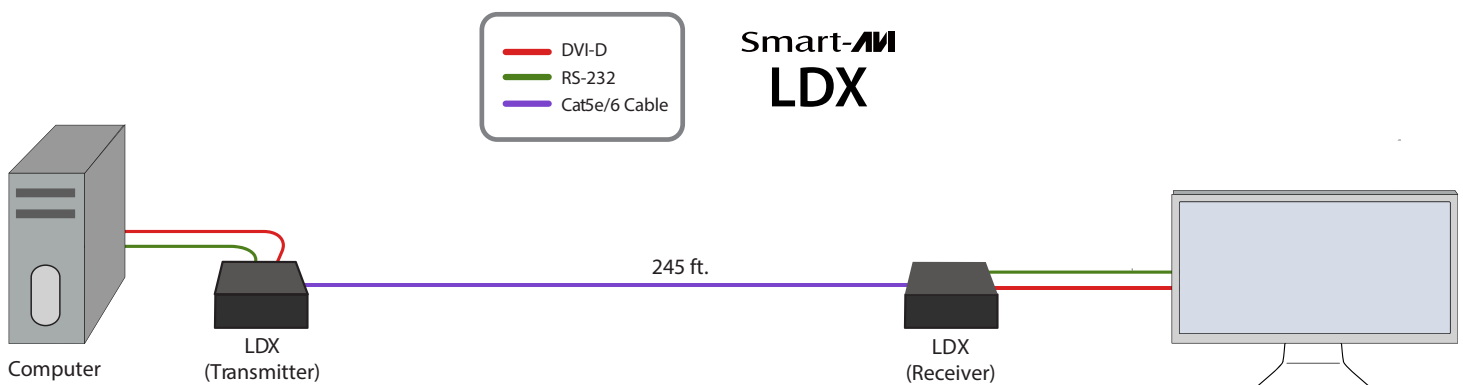
FEATURES

- Extends DVI-D up to 245 ft from the Source
- Data Recovery for Digital Video
- Supports up to 1920x1200 Digital Video Resolution (@ 60Hz)
- Supports 4K/2K (3840x2160) video resolution (@ 30Hz)
- Automatic DDC Learning
- Uncompressed Video Using HDBaseT
- RS-232 Extension Enables Long-Distance 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/Production Studios

APPLICATION DIAGRAM



SPECIFICATIONS



LDX Front



LDX Back

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

OTHER	
Power	External 100-240 VAC/5VDC4A @20W
Dimensions	5.125 in W x 1 in H x 3.625 in D
Weight	0.5 lb
Operating Temp.	0-55 °C (32-131°F)
Storage Temp.	-20-85 °C (-4-185 °F)
Humidity	Up to 95%
RS-232	
Input Interface (TX)	DB9 (Female)
Output Interface (RX)	DB9 (Female)
Speed	@ 115 Kbps

Part No.	Description
LDX-S	DVI-D and RS-232 Extender: Includes: [LDX-TX, LDX-RX, 2x (PS5VDC3A)]



Designed and Manufactured in the USA

www.smartavi.com

Tel: 800.AVI.2131 • 818.503.6200 • 11651
Vanowen St. North Hollywood, CA. 91605

Smart-AVI
SMART AUDIO VIDEO INNOVATION