

HDX-LX

HDMI & IR Extender Over CAT5



Watch and Control HDTV 1080p video up to 250ft from the source
using HDBaseT Technology

FEATURES

- Extends HDMI output over one CAT5 UTP cable
- Extends IR control signals for remote control
- Delivers uncompressed HD video up to 1080p@60Hz@48bits and 3D
- Data signals up to 3.4Gbps
- HDMI 1.3 and HDCP compliance
- IR communication is bi-directional
- Transmits high-quality Dolby TrueHD, DTS-HD MA audio signals
- Transmits 1080p resolution over 250 feet (75 meters) from the source
- Uses HDBaseT Technology

APPLICATIONS

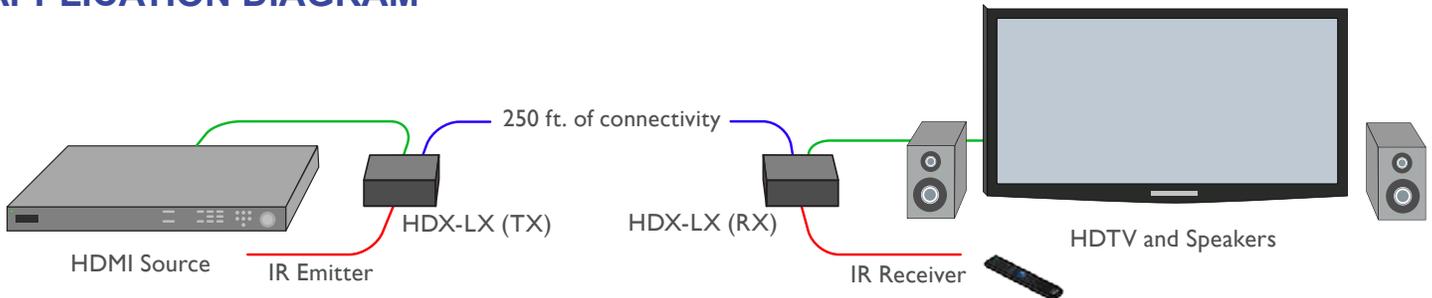
- Home Theater
- Corporate/Educational Presentations
- Call Centers
- Industrial (Long-Range Workstation Isolation)
- Information Terminals/Kiosks
- Airport Installations (Air Traffic Control/Passenger Information)
- Educational Environments with Remote Displays



OVERVIEW

The HDX-LX uses a CAT5 UTP cable to extend HDMI signals – including high-definition TV – up to 250ft (75m) from the source by using HDBaseT technology. It is capable of transmitting high-resolution HD video up to 1080p. Controlling a video source is easy with the devices bi-directional IR extension. Whether it's for a home entertainment system or a commercial installation, the HDX-LX delivers flexibility and control.

APPLICATION DIAGRAM



HDX-LX (TX/RX) Front



HDX-LX (TX/RX) Rear

VIDEO

Resolution	800X600, 1024X768 , 1280X1024, 1366X768, 1920X1200, 480i, 720p, 1080i, 1080p and 3D
Color Depth	Deep Color 36/30/24 Bit at 1080p and 3D
Audio Format	Up to PCM 8 channel, Dolby Digital TrueHD, and DTS-HD Master Audio
IR Range	38kHz, 56kHz
Video Bandwidth	10.2Gbps
Input Video Signal	1.2 Volts P-P
Input DDC Signal	5 Volts(TTL)

I/O CONNECTOR (Transmitter)

Input	1x HDMI-A 19PIN Socket 1x 2.5mm DC Jack 1x 3.5mm Jack for IR Receiver
Output	1x RJ45 Jack 1x 3.5mm Jack for IR Emitter

I/O CONNECTOR (Receiver)

Input	1x RJ45 Jack 1x 3.5mm Jack for IR Receiver 1x 2.5mm DC Jack
Output	1x 3.5mm Jack for IR Emitter 1x HDMI-A 19PIN Socket

MECHANICAL - Transmitter/Receiver

Dimensions (H-W-D)	0.9"H x 2.9"W x 3.7"D
Weight	120g
Power	External 5VDC 2A

ENVIRONMENTAL

Operating Temperature	+0 to +40° C (+32° to 104° F)
Operating Humidity	10% to 85% (Non-condensing)
Storage Temperature	-20° to +60°C (-4° to +140° F)

SAFETY

Certificate	FCC, CE, RoHS
Power Adapter	UL, CE, FCC, RoHS

DIREKTRONIK