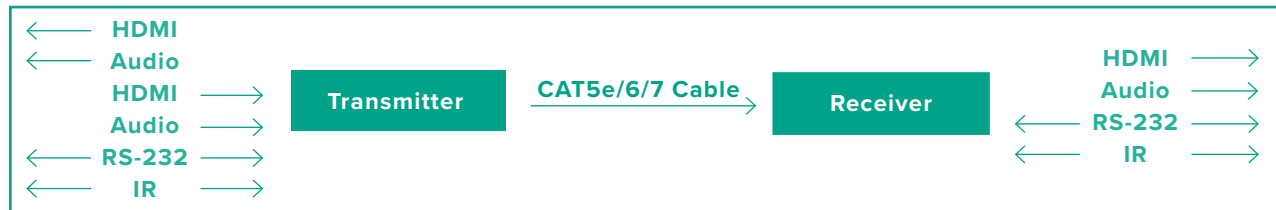
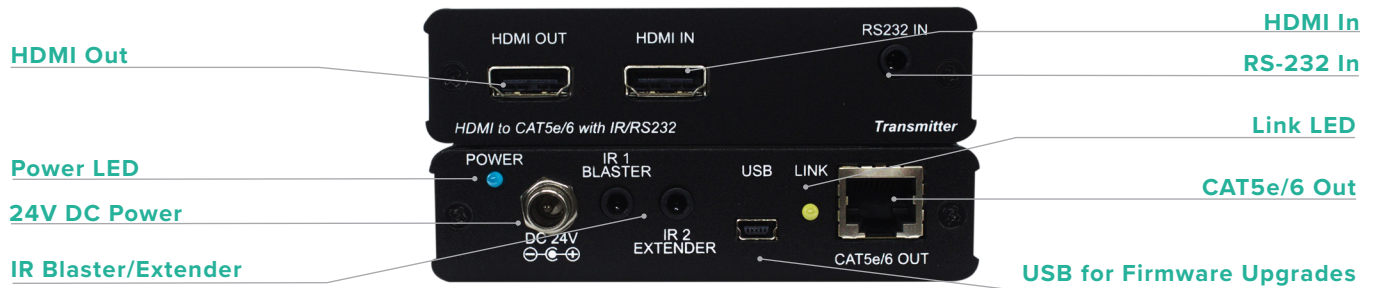


LinkBridge™ HDBaseT HDMI Transmitter with Loopback Video & 24V PoC (60m)

LBC-H-T-LPB-Lite



OVERVIEW

HDBaseT HDMI Transmitter with Loopback Video converts a single CAT5e/6/7 input and 2-way IR control to a single CAT5e/6/7 HDBaseT output. It supports video resolutions up to 1080p Full HD, 4K2K@30Hz timing, 3D and multi-channel digital audio formats (such as LPCM 7.1 Channel, Dolby TrueHD, Dolby Digital Plus and DTS-HD). The HDMI output can be connected to a local HDMI display or cascaded to another compatible transmitter for additional display capabilities. The HDBaseT connector allows a HDMI Receiver to extend the operating distance up to 60m.

FEATURES

- Extend HDMI signals up to 60 meters over one CAT 5e/6 cable with loopback video port
- Supports full HDTV video resolutions up to 4K2K @30Hz
- Fully uncompressed video and audio provides zero loss of quality
- Supports true DDC/EDID/HDCP transmission
- Video/Audio+IR+Data, over 1 CAT 5e/6 cable
- Two-way 24V/POC Remote Powering
- HDMI 1.4 and HDCP 2.2 compliant
- Supports both RS-232 and IR Control Data

VIDEO/AUDIO SPECIFICATIONS

HDMI	Version 1.4 with 3D, 4Kx2K support
Video Resolution	Up to 4K2K @30Hz
Protocol	DDC/EDID capable, HDCP 2.2
Video Bandwidth	300MHz/10.2Gbps
Audio Formats	Supports up to 7.1CH & Dolby TrueHD, DTS-HD Master Audio
Audio Sampling Rate	32KHz to 192KHz
HDMI/Audio Connector	HDMI Female plug

DATA

Serial Control	RS-232
Data Rate	Up to 115.2Kbaud
Connector	3.5mm Jack

IR

IR Frequency	30-50KHz
In/Out Connectors	3.5mm Stereo

HDBASET TRANSMISSION

Cable Type	CAT 5e/6 or higher
Number of Cables	1
Connector Distance	RJ-45, up to 60m

PHYSICAL

Dimensions Standalone	4.02"(W) x 4.33"(D) x 0.98"(H)
Power Consumption	+24VDC @ 1.25 Amps (Max)
Operating Temperature	0 to 40°C
Humidity	20 to 90% RH, Non-Condensing

CERTIFICATIONS

FCC, CE

GREEN COMPLIANCE

RoHS

ORDER INFORMATION

LBC-H-T-LPB-Lite	HDBaseT HDMI Transmitter, with Loopback Video & 24V PoC
LBC-HDBT-R	HDBaseT 9G HDMI 5-Play Receiver

PANEL DRAWING

