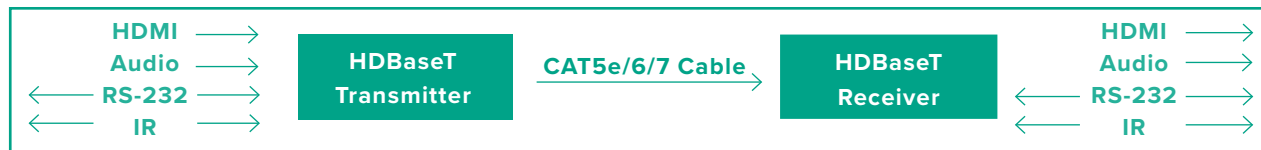
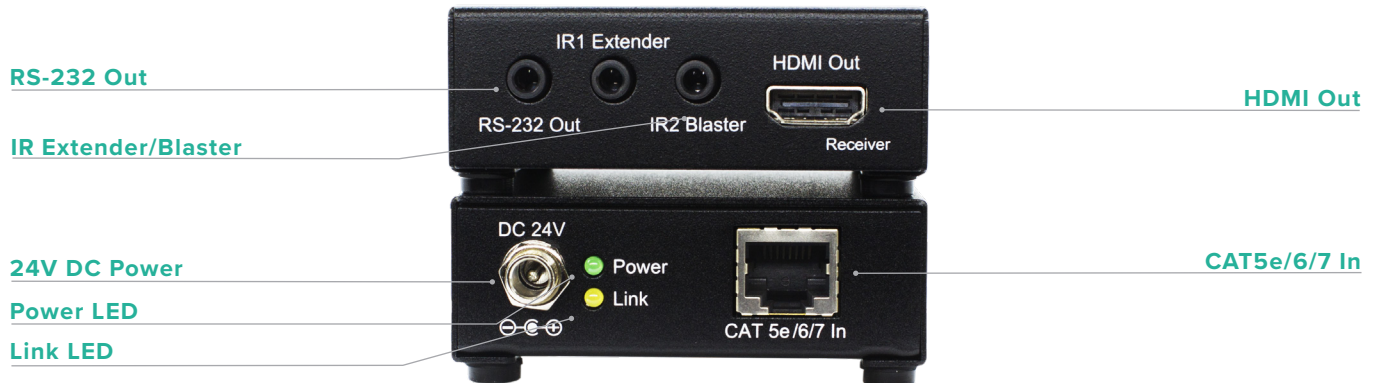


LinkBridge™ HDBaseT 9G HDMI 4-Play Transmitter & Receiver with Bi-PoC (up to 70m)

LBC-HDBT-T-Lite



LBC-HDBT-R-Lite



OVERVIEW

This HDBaseT HDMI 4-Play Transmission System is capable of extending UHD video and audio and control over a single run of CAT5e/6/7 cable over distances up to 60 meters*. This extender complies with HDCP 2.2 and 9G HDMI Standards and supports legacy HDCP 1.x and HDIO 1.x standards. It also supports 4K UHD HDMI video sources up to 4K2K@30Hz. Multiple data and control interfaces are also able to be extended with IR and RS-232 connections. This unit supports bi-directional 48V PoH (Power over HDBaseT) allowing systems to be completely powered by, or provide power to, a compatible connected Receiver, allowing for greater flexibility within different installation scenarios.

* CAT6a/7 cable recommended to ensure maximum distance.

FEATURES

- Extend HDMI signals up to 70 meters over one CAT 5e/6 cable
- Ultra HD (4K2K@30Hz) and HDTV video resolutions up to 720p/1080i/1080p @60Hz
- Fully uncompressed video and audio provides zero loss of quality
- Supports true DDC/EDID/HDCP transmission over one Ethernet cable
- Video/Audio+IR+Data, over 1 CAT 5e/6 cable
- Bi-directional PoC (Power over Cable)
- 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/HDCP capable
Video Bandwidth	300MHz/10.2Gbps
Audio Operating Mode	Stereo Audio
Audio Formats	Supports up to 7.1CH & Dolby TrueHD, DTS-HD MasterAudio
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 Stereo Jack
IR Control	Infrared
IR Frequency	30-50KHz
In/Out Connectors	3.5mm Stereo
Ethernet Speed	100Mbps
LAN Connector	RJ-45

HDBASET TRANSMISSION

Cable Type	CAT5e/6 or higher
Number of Cables	1
Connector/Distance	RJ-45, up to 70m

PHYSICAL

Dimensions Standalone	2.795"(W) x 3.115"(D) x 0.905"(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-HDBT-T-Lite	HDBaseT 9G HDMI 5-Play Transmitter with Bi PoC (up to 70m)
LBC-HDBT-R-Lite	HDBaseT 9G HDMI 5-Play Receiver with Bi PoC (up to 70m)
Optional Accessories	Add CH - For Chassis Mounting Kit Add UPS - For International Universal Power Supply

PANEL DRAWING

