



LBC-HDBT-T/R-48-Lite

Link Bridge™ HDBaseT HDMI Transmission with 48V POH over 60m

FEATURES

- Extend HDMI Signals up to 60 meters Over One CAT 5e/6 Cable
- Supports Full HDTV Video Resolutions up to 4K2K@30Hz
- Fully Uncompressed Video & Audio Provides Zero Loss of Quality
- Supports True DDC/EDID/HDCP Transmission
- Video/Audio+IR+Data, Over 1 CAT 5e/6 Cable
- 48V POH with PSE/TX and PD/RX
- HDMI 1.4 and HDCP 2.2 compliant
- Supports both RS232 and IR Control Data



DOING MORE WITH ONE CABLE

VIDEO/AUDIO SPECIFICATIONS

HDMI	Version 1.4 with 3D, 4K×2K 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	RS232
Data Rate	Up to 57.6Kbaud
Connector	DB9 Serial

IR

Data Rate	30 - 50KHz
In/Out Connectors	3.5mm Stereo

HDBT TRANSMISSION

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

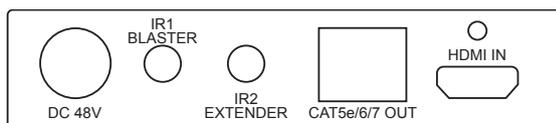
PHYSICAL

Dimensions Standalone	4.25"(W) x 4.57"(D) x 1.14"(H)
Power Consumption	+48 VDC @ 0.9 Amps (Max.)
Operating Temperature	0 to +40°C
Humidity	20 to 90% RH, Non-Condensing

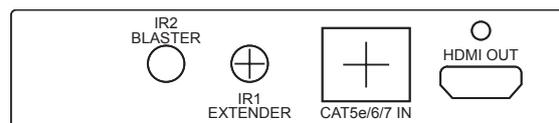
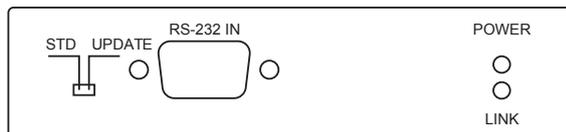
ORDERING INFORMATION

LBC-HDBT-T/R-48-Lite	Transmitter, 1 CAT-5e/6, 48V POH, 60m
LBC-HDBT-T/R-48-Lite	Receiver, 1 CAT-5e/6, 48V POH, 60m

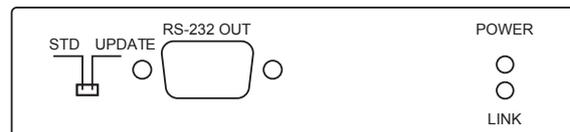
PANEL DRAWINGS



TX



RX



DOING MORE WITH ONE CABLE



HDCP

4K
ULTRA HD