



LINK BRIDGE™

HDBT Application Diagram



LBC-SPH8-1HB7

HDMI/AUDIO 1-Way → LAN/IR 2-Way ← PoC/24V 1-Way →

Link Bridge™ HDBaseT 7x Transmission Systems



Stand-Alone (HDBT Splitter) Front View



Stand-Alone (HDBT Splitter) Rear View

VIDEO/ AUDIO SPECIFICATIONS

HDMI	Version 1.4 with 3D, 4K×2K support
Video Resolution	4K2K & up to 1080p@60Hz or 1920x1200@60Hz
Protocol	DDC/EDID/HDCP Capable
Video Bandwidth	340MHz / 10.2Gbps
Audio Operating Mode	Stereo Audio
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

Network	LAN (only available in -EIR model)
Data Rate	100Mbps (only available in -EIR model)
Connector	RJ45 (only available in -EIR model)
IR Control	Infrared
Data Rate	30 - 50KHz
In/Out Connectors	3.5mm Stereo

PHYSICAL

<i>Dimensions</i>	
Standalone	17.02" (W) x 6.45" (D) x 1.69" (H)
Power Consumption	+24VDC @ 6.25 Amps (Max.)
Operating Temperature	0 to +40°C
Humidity	20 to 90% RH, Non-Condensing

ORDERING INFORMATION

LBC-SPH8-1H7B-EIR, HDBT 7x Transmitter, 1 CAT 5e/6, with Ethernet/IR

LBC-SPH8-1H7B-IR, HDBT 7x Transmitter, 1 CAT 5e/6, with IR only

Add -UPS for International Universal Power Supply

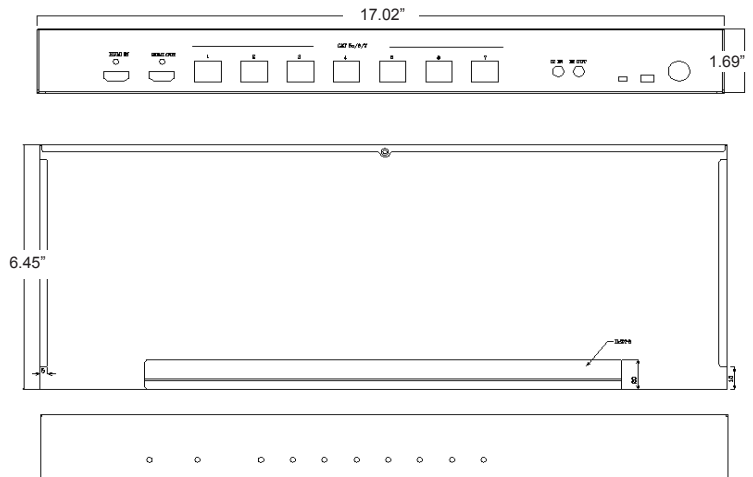
FEATURES

- Extend HDMI Signals up to 100 meters Over One CAT 5e/6 Cable
- Supports 4K2K & Full HDTV Video Resolutions up to 720p/1080i/1080p@60 Hz
- Fully Uncompressed Video & Audio Provides Zero Loss of Quality
- Supports True DDC/EDID/HDCP Transmission Over One Ethernet Cable
- Video/Audio + IR + LAN, Over 1 CAT 5e/6 Cable
- Supports PoC (Power over Cable) with compatible receivers
- Provides 7x HDBaseT output transmission ports
- Supports network rates up to 100Mbps and IR Control Data

HDBT TRANSMISSION

Cable Type	CAT 5e/6 or higher
Number of Cables	1
Connector/ Distance	7x RJ-45 / Up to 100m (-EIR model) or 70m (-IR model)

DIMENSIONS



DOING MORE WITH ONE CABLE

