

Transmitter

**VIDEO/ AUDIO SPECIFICATIONS** 

HDMI/AUDIO

LAN/IR 🔶

HDMI

Protocol

DATA Network

Data Rate

Connector

IR Control

Data Rate

**PHYSICAL** 

Dimensions

Standalone

Humidity

In/Out Connectors

**Power Consumption** 

**Operating Temperature** 

**ORDERING INFORMATION** 

Add -UPS for International Universal Power Supply

Video Resolution

Video Bandwidth

Audio Formats

Audio Operating Mode

Audio Sampling Rate

HDMI/Audio Connector





#### LBC-SPH4-1HB3 LAN/IR HDMI/AUDIO PoC/24V 2-Wav 1-Wav 2-Wav

Link Bridge™ HDBaseT 3x Transmission Systems

# **CHDBT** Application Diagram

CAT 5E/ CAT 6 Cable

(Up to 100m)

Version 1.4 with 3D, 4K×2K support

Supports up to 7.1CH & Dolby TrueHD, DTS-HD

4K2K & up to 1080p@60Hz or

LAN (only available in -EIR model) 100Mbps (only available in -EIR model)

RJ45 (only available in -EIR model)

5.71" (W) x 7.83" (D) x 1.18" (H)

+24VDC @ 2.7 Amps (Max.)

20 to 90% RH, Non-Condensing

1920x1200@60Hz

340MHz / 10.2Gbps

Stereo Audio

Master Audio

Infrared

30 - 50KHz

0 to +40°C

LBC-SPH4-1H3B-EIR, HDBT 3x Transmitter, 1 CAT 5e/6, with Ethernet/IR

LBC-SPH4-1H3B-IR, HDBT 3x Transmitter, 1 CAT 5e/6, with IR only

3.5mm Stereo

32KHz to 192KHz

HDMI Female plug

DDC/EDID/HDCP Capable

**Receivers** 

HDMI/AUDIO LAN/IR HDMI/AUDIO LAN/IR



**Stand-Alone (HDBT Splitter)** 

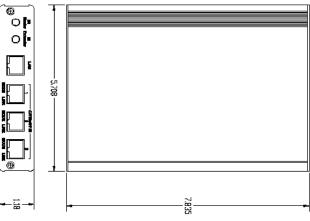
#### **FEATURES**

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 recievers	
Provides 3x 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	3x RJ-45 / Up to 100m (-EIR model) or 70m (-IR model)

## DIMENSIONS





## DOING MORE WITH ONE CABLE



2545 W. 237TH ST. TORRANCE, CA 90505 PHONE:(800) 214-0222, FAX: (310) 530-5958 EMAIL:BROADATA@BROADATACOM.COM HTTP://WWW.BROADATACOM.COM 3/10/2016

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ULTRA HD