HDBaseT HDMI over Cat5e/6/6a Extender Transceiver, Serial and IR Passthrough, 4K x 2K 30 Hz UHD / 1080p 60 Hz, Up to 328 ft. (100 m)
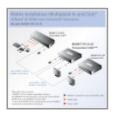
MODEL NUMBER: BHDBT-TR-SI-LR

Transmits uncompressed HDMI video and audio, RS-232 serial and IR remote control signals over a single Cat5e/6/6a cable up to 328 feet to projectors, monitors or televisions in a chain.

Features

Extends and Expands Your HDBaseT Installation
- Extends an Ultra High Definition (UHD) 4096 x 2160 or 3840 x 2160 (4K x 2K) @ 30 Hz signal up to 328 feet (100 m)

- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 328 feet (100 m)

- Connects to next link in the chain with just one Cat5e/6/6a cable

- Add up to 5 transceivers to further expand the range of your installation up to 2,000 feet (600 m) with a monitor attached to each transceiver

- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio

- Supports 36-bit Deep Color (12 bits per channel), CEC passthrough, 3D video, EDID and HDCP

Allows RS-232 and IR Control Passthrough
- Passes through RS-232 serial signals at 115 Kbps full-duplex baud rates for devices such as scanners and touchscreen monitors

- Passes through IR remote control signals so you can operate your Blu-ray player with its remote while standing at the remote monitor (and vice versa)

Easy to Set Up and Use
- Plug-and-play engineering means no software or drivers to download and install

- Inserts quickly between transmitter and receiver in HDBaseT installation

- Included mounting hardware lets you install each unit on a wall, rack or pole

- Locking HDMI ports (ideal for use with P569-006-LOCK HDMI cables) prevent cables from coming loose or disconnected, ensuring an intact signal

TAA-Compliant

Highlights
- Extends and expands your HDBaseT installation
- Connects multiple monitors at different links in a chain
- Extends both a 4096 x 2160 and 3840 x 2160 (4K x 2K) @ 30 Hz signal up to 328 feet (100 m)
- Extends a 1080p @ 60 Hz signal up to 328 feet (100 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD

Package Includes
- BHDBT-TR-SI-LR HDBaseT HDMI over Cat5e/6/6a Extender Transceiver
- External Power Supply with NEMA 1-15P Plug(Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's Manual

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332187055
Product Type	Transceiver
Technology	HDBaseT; HDMI; IR; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K @ 30Hz)
Max 720P Range (ft)	328
Max 1080P Range (ft)	328
Max 1280 x 720 (720p) Range (ft)	328
Max 1920 x 1080 (1080p) Range (ft)	328
Max 1920 x 1200 Range (ft)	328
Max 2560 x 1600 Range (ft)	328
Max 3840 x 2160 (4K@30Hz) Range (ft)	328
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Recommended Cabling	HDMI
Max Supported Color Depth	36-bit Deep Color
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	328
Maximum Signal Range (m)	100

AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD

INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A

AC Power Adapter Output Specs (V / A)	5V / 3A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.4
Bus Powered	No

POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
Power Source	Unit (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	GREEN UNIT LED INDICATES POWER / GREEN RJ45 LED's INDICATE HDCP IS WORKING / ORANGE UNIT LEDS INDICATE HDMI OUTPUT CONNECTION, RJ45 OUTPUT CONNECTION, AND RJ45 INPUT CONNECTION / ORANGE RJ45 LED's INDICATE HDBASET LINK

PHYSICAL	
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket B110-DIN-02
Form Factor/Mounting Options	Box; Wall-mount
Receiver Unit Dimensions (hwd / in.)	1.2 x 5 x 4
Receiver Unit Weight (lbs.)	1
Shipping Dimensions (hwd / in.)	2.20 x 8.40 x 6.50
Shipping Dimensions (hwd / cm)	5.59 x 21.34 x 16.51
Shipping Weight (lbs.)	1.34
Shipping Weight (kg)	0.61
Unit Dimensions (hwd / in.)	1.200 x 5.000 x 4.000
Unit Packaging Type	Box
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45
Unit Weight Details	1lb.
Housing	Metal

ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	20 to 90%
Operating Humidity Range	20 to 90%
Storage Humidity Range	20 to 90%

COMMUNICATIONS	
Max 1024 x 768 Range (ft)	328
Max 480P Range (ft)	328
Max 1440 x 900 Range (ft)	328
Max 1080i Range (ft)	328
Max 1920 x 1440 Range (ft)	328
Max 4K UHD Range (ft)	328
Max 480i Range (ft)	328
Max 640 x 480 Range (ft)	328
Max 800 x 600 Range (ft)	328
Max 1600 x 1200 Range (ft)	328
Max 2048 x 1536 Range (ft)	328
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No

CONNECTIONS	
Number of Ports	0
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)
Daisy-chainable / Cascadable	No

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.4

Driver Required	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	UL; cUL; RoHS; FCC
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty