

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)

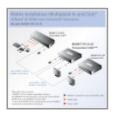
MODEL NUMBER: BHDBT-TR-SI-LR











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

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	НОМІ	
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	НОМІ	
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		
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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 / in.) Shipping Dimensions (hwd / cm)		
	2.20 x 8.40 x 6.50	
Shipping Dimensions (hwd / cm)	2.20 x 8.40 x 6.50 5.59 x 21.34 x 16.51	
Shipping Dimensions (hwd / cm) Shipping Weight (lbs.)	2.20 x 8.40 x 6.50 5.59 x 21.34 x 16.51 1.34	
Shipping Dimensions (hwd / cm) Shipping Weight (lbs.) Shipping Weight (kg)	2.20 x 8.40 x 6.50 5.59 x 21.34 x 16.51 1.34 0.61	
Shipping Dimensions (hwd / cm) Shipping Weight (lbs.) Shipping Weight (kg) Unit Dimensions (hwd / in.)	2.20 x 8.40 x 6.50 5.59 x 21.34 x 16.51 1.34 0.61 1.200 x 5.000 x 4.000	
Shipping Dimensions (hwd / cm) Shipping Weight (lbs.) Shipping Weight (kg) Unit Dimensions (hwd / in.) Unit Packaging Type	2.20 x 8.40 x 6.50 5.59 x 21.34 x 16.51 1.34 0.61 1.200 x 5.000 x 4.000 Box	
Shipping Dimensions (hwd / cm) Shipping Weight (lbs.) Shipping Weight (kg) Unit Dimensions (hwd / in.) Unit Packaging Type Unit Weight (lbs.)	2.20 x 8.40 x 6.50 5.59 x 21.34 x 16.51 1.34 0.61 1.200 x 5.000 x 4.000 Box 1	



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 COMMUNICATIONS Max 1024 x 768 Range (ft) 328 Max 490R Range (ft) 328 Max 1440 x 900 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 490 Range (ft) 328 Max 1600 x 1200 Range (ft) 328 Max 1600 x 1200 Range (ft) 328 EDID Compatible Yes R Remote Extension Support Yes Cospus mer Electronics Control (CEC) Yes Usb Extension Support <th></th> <th></th>			
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 2400 Range (ft) 328 Max 1440 x 900 Range (ft) 328 Max 1440 x 900 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 4801 Range (ft) 328 Max 480 Range (ft) 328 Max 480 Range (ft) 328 Max 480 Range (ft) 328 Max 500 x 1200 Range (ft) 328 Max 1600 x 1200 Range (ft) 328 Max 2048 x 1536 Range (ft) 328 Max 2048 x 1536 Range (ft) 328 Max 2048 x 1536 Range (ft) 328 EDID Compatible Yes Sc-232 Serial Extension Support Yes Consumer Electronics Control (CEC) Supported Yes USB Extension Support No CONNECTIONS Number of Ports 0	ENVIRONMENTAL		
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 440 x 900 Range (ft) 328 Max 1440 x 900 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 480 Range (ft) 328 Max 800 Range (ft) 328 Max 800 Range (ft) 328 Max 800 x 800 Range (ft) 328 Max 1600 x 1200 Range (ft) 328 Max 2048 x 1536 Range (ft) 328 Max 2048 x 1536 Range (ft) 328 EDID Compatible Yes ER Remote Extension Support Yes Consumer Electronics Control (CEC) Yes Supported No CONNECTIONS No Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Operating Temperature Range	32° to 104°F (0° to 40°C)	
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 1920 x 1440 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 480 Range (ft) 328 Max 480 Range (ft) 328 Max 480 Range (ft) 328 Max 640 x 480 Range (ft) 328 Max 1500 x 1200 Range (ft) 328 Max 1600 x 1200 Range (ft) 328 EDID Compatible ves R Remote Extension Support yes Consumer Electronics Control (CEC) ves Supported ve Consumer Electronics Control (CEC) ves Supported No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Storage Temperature Range	-4° to 140°F (-20° to 60°C)	
COMMUNICATIONS Aux 1024 x 768 Range (ft) 328 Max 1404 x 900 Range (ft) 328 Max 1404 x 900 Range (ft) 328 Max 1404 x 900 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 4BUPD Range (ft) 328 Max 4BUPD Range (ft) 328 Max 4BUPD Range (ft) 328 Max 4BUR Range (ft) 328 Max 640 x 480 Range (ft) 328 Max 800 x 600 Range (ft) 328 Max 1500 x 1200 Range (ft) 328 EDID Compatible Yes ER Remote Extension Support Yes RS-232 Serial Extension Support Yes Consumer Electronics Control (CEC) Yes Supported No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Relative Humidity	20 to 90%	
COMMUNICATIONS Max 1024 x 768 Range (ft) 328 Max 490P Range (ft) 328 Max 1440 x 900 Range (ft) 328 Max 1080 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 4K UHD Range (ft) 328 Max 480 Range (ft) 328 Max 640 x 480 Range (ft) 328 Max 1800 x 1200 Range (ft) 328 Max 1800 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 No Number of Ports 0 Side A - Connector 1 HDMI (FEMALE)	Operating Humidity Range	20 to 90%	
Max 1024 x 768 Range (ft) 328 Max 480P Range (ft) 328 Max 1440 x 900 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 4 WHD Range (ft) 328 Max 4 KUHD Range (ft) 328 Max 460 Range (ft) 328 Max 800 Range (ft) 328 Max 800 x 800 Range (ft) 328 Max 1500 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) Yes USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Storage Humidity Range	20 to 90%	
Max 480P Range (ft) 328 Max 1440 x 900 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 4K UHD Range (ft) 328 Max 480 Range (ft) 328 Max 480 Range (ft) 328 Max 800 x 480 Range (ft) 328 Max 800 x 600 Range (ft) 328 Max 1500 x 1200 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)	COMMUNICATIONS		
Max 1440 x 900 Range (ft) 328 Max 1920 x 1440 Range (ft) 328 Max 4K UHD Range (ft) 328 Max 4K UHD Range (ft) 328 Max 480 Range (ft) 328 Max 800 x 400 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) Yes USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 1024 x 768 Range (ft)	328	
Max 1080i Range (ft) 328 Max 4K UHD 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 1500 x 1200 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)	Max 480P Range (ft)	328	
Max 1920 x 1440 Range (ft) 328 Max 4K UHD Range (ft) 328 Max 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) Yes Supported No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 1440 x 900 Range (ft)	328	
Max 4K UHD 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) Yes USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 1080i 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) Yes USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 1920 x 1440 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)	Max 4K UHD 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 USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 480i Range (ft)	328	
Max 1600 x 1200 Range (ft) Max 2048 x 1536 Range (ft) S28 EDID Compatible Yes IR Remote Extension Support Yes RS-232 Serial Extension Support Ves Consumer Electronics Control (CEC) Supported USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 640 x 480 Range (ft)	328	
Max 2048 x 1536 Range (ft) EDID Compatible Yes IR Remote Extension Support Yes RS-232 Serial Extension Support Yes Consumer Electronics Control (CEC) Supported USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 800 x 600 Range (ft)	328	
EDID Compatible Yes IR Remote Extension Support Yes RS-232 Serial Extension Support Yes Consumer Electronics Control (CEC) Yes USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 1600 x 1200 Range (ft)	328	
IR Remote Extension Support RS-232 Serial Extension Support Yes Consumer Electronics Control (CEC) Yes USB Extension Support No CONNECTIONS Number of Ports Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Max 2048 x 1536 Range (ft)	328	
RS-232 Serial Extension Support Yes Consumer Electronics Control (CEC) Yes USB Extension Support No CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	EDID Compatible	Yes	
Consumer Electronics Control (CEC) Supported USB Extension Support No CONNECTIONS Number of Ports O Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	IR Remote Extension Support	Yes	
Supported Posts CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	RS-232 Serial Extension Support	Yes	
CONNECTIONS Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	Consumer Electronics Control (CEC) Supported	Yes	
Number of Ports 0 Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	USB Extension Support	No	
Side A - Connector 1 HDMI (FEMALE) Side B - Connector 1 (2) RJ45 (FEMALE)	CONNECTIONS		
Side B - Connector 1 (2) RJ45 (FEMALE)	Number of Ports	0	
	Side A - Connector 1	HDMI (FEMALE)	
Daisy-chainable / Cascadable No	Side B - Connector 1	(2) RJ45 (FEMALE)	
	Daisy-chainable / Cascadable	No	
FEATURES & SPECIFICATIONS			
10/100 Ethernet Extension Support No	10/100 Ethernet Extension Support	No	
Built-In Equalizer No	Built-In Equalizer	No	
HDCP Specification 1.4	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	



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