HDBaseT HDMI Over Cat5e/6/6a Extender Kit with Serial and IR Control, 4K x 2K 30 Hz UHD / 1080p 60 Hz, Up to 328 ft. (100 m)

MODEL NUMBER: BHDBT-K-SI-LR









Transmit HDMI video and audio, RS-232 serial and IR Remote Control signals over a single Cat5e/6/6a cable to a projector, monitor or television. Ideal for digital signs and trade show presentations.

Features

Supports the Latest Video and Audio Applications

- Extends a High Definition 1920 x 1080 (1080p) @ 60 Hz signal up to 328 feet (100 m)
- 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)
- Accepts up to five BHDBT-TR-SI-LR transceivers and six total monitors to further expand the range up to 2,000 feet (600 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 36-bit Deep Color (12 bits per channel), CEC pass-through, 3D video, EDID and HDCP

Allows You to Control Other Display Devices

- 2-way 39 KHz IR Remote Control functionality lets you control your Blu-ray player with its remote while standing at the remote monitor (and vice versa)
- RS-232 serial port supports 115 Kbps full-duplex baud rates for scanners and touchscreen monitors

Easy to Set Up and Use

- Plug-and-play engineering means no software or drivers to download and install
- Ready to use in minutes
- Included mounting hardware lets you install each unit on a wall, rack or pole
- Locking HDMI ports (for use with High Speed HDMI cables with locking connectors, such as P569-006-LOCK) on both the transmitter and receiver prevent cables from coming loose or disconnected, ensuring an intact signal

TAA-Compliant

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

Highlights

- Extends a 1080p @ 60 Hz signal up to 328 feet (100 m)
- Extends both a 4096 x 2160 and 3840 x 2160 (4K x 2K) @ 30Hz signal up to 328 feet (100 m)
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Controls RS-232 serial devices at baud rates up to 115 Kbps
- Allows you to control a Blu-ray[™] player from a remote monitor

Package Includes

- Transmitter unit
- Receiver unit
- IR-IN cable
- IR-OUT cable
- 3.5 mm Male to DB9 Female adapter cable
- 3.5 mm Male to DB9 Male adapter cable
- (2) External Power Supplies with NEMA 1-15P Plug(Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 3A)
- Mounting hardware
- Owner's manual

Specifications

OVERVIEW		
UPC Code	037332187093	
Product Type	Extender Kit	
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	
Transmitter Video Input	HDMI	
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	Transmitter and Receiver (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 LED INDICATES HDBASET SYSTEM ACTIVATION / 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 <a class="productLink" href="//tripplite.eaton.com/din-rail-mounting-
bracket-for-digital-signage-version-1~B110-DIN-01">B110-DIN-01	
Form Factor/Mounting Options	Box; Wall-mount	
Receiver Unit Dimensions (hwd / in.)	2.46 x 4.53 x 1.06	
Receiver Unit Height (in.)	1.1	
Receiver Unit Width (in.)	4.5	
Receiver Unit Depth (in.)	1.1	
Receiver Unit Weight (lbs.)	1.01	
Shipping Dimensions (hwd / in.)	2.20 x 11.40 x 6.50	
Shipping Dimensions (hwd / cm)	5.59 x 28.96 x 16.51	
Shipping Weight (lbs.)	2.50	
Shipping Weight (kg)	1.13	
Transmitter Unit Depth (in.)	2.5	
Transmitter Unit Dimensions (hwd / in.)	2.46 x 4.53 x 1.06	
Transmitter Unit Height (in.)	1.1	

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Unit Demensions (twd / n.) 0.000 x 0.000 x 0.000 Unit Weight (bs.) 1.01 Unit Weight (bs.) 0.46 Unit Weight Details 0.505s (Transmitter) 0.505s (Receiver Housing Metal ENVIRONMENTAL Convention ENVIRONMENTAL Convention ENVIRONMENTAL Convention ENVIRONMENTAL Convention ENVIRONMENTAL ENVIRONMENTAL Convention ENVIRONMENTAL Convention ENVIRONMENTAL Convention ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL Convention ON TO 85% RH, Non-Condensing Convention Convention Convention Convention	Transmitter Unit Weight (lbs.)	1.01
Unit Packaging Type Box Unit Weight (bs.) 1.01 Unit Weight (bg.) 0.46 Unit Weight Details 0.55lbs (Transmitter) 0.5lbs (Receiver Housing Metail ENVROMMENTAL Operating Temperature Range 2* to 104* (0* to 40°C) Storage Temperature Range 2* to 122* F (-15* to 50°C) Storage Temperature Range 0* to 25% RH, Non-Condensing Operating Temperature Range (n) 0* to 25% RH, Non-Condensing Operating Temperature Range (n) 0* to 25% RH, Non-Condensing Max 1040* Range (n) 0* to 25% RH, Non-Condensing Max 1040* Range (n) 0* to 25% RH, Non-Condensing Storage Humidity Range 0* to 25% RH, Non-Condensing Max 1040* Range (n) 1028 Max 1040 Range (n) 1028 Max 1040 Range (n) 28 Max 1040 Range (n) 108 Storage Range (n)	Transmitter Unit Width (in.)	4.5
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Unit Weight Details 0.56lbs (Transmitter) 0.5lbs (Receiver Housing Metal ENVIRONMENTAL Deparating Temperature Range 52° to 104°F (0° to 40°C) Storage Temperature Range 5° to 122°F (-15° to 50°C) Relative Humidhy 0% TO 85% RH, Non-Condensing Operating Humidhy Range 0% TO 85% RH, Non-Condensing 0 Operating Humidhy Range 0% TO 85% RH, Non-Condensing 0 Korage Humidhy Range 0% TO 85% RH, Non-Condensing 0 Korage Rumidhy Range 0% TO 85% RH, Non-Condensing 0 Korage Rumidhy Range 0% TO 85% RH, Non-Condensing 0 Korage Rumidhy Range 0% TO 85% RH, Non-Condensing 0 Korage Rumidhy Range (n) 328 0 0 Max 1020 Range (n) 328 0 0 0 Max 400 Range (n) 328 0 0 0 0 Max 400 Range (n) 328 0 0 0 0 0 Max 400 Range (n) 328 0 0 0 0 0 0 0 0 <td< td=""><td>Unit Weight (Ibs.)</td><td>1.01</td></td<>	Unit Weight (Ibs.)	1.01
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Consumer Electronics Control (CEC) Yes USB Extension Support No	IR Remote Extension Support	Yes
Supported Tes USB Extension Support No	RS-232 Serial Extension Support	Yes
	Consumer Electronics Control (CEC) Supported	Yes
CONNECTIONS	USB Extension Support	No
Number of Ports 1	Number of Ports	1

Side A - Connector 1	HDMI (FEMALE)	
Side A - Connector 2	RJ45 (FEMALE)	
Side B - Connector 1	HDMI (FEMALE)	
Side B - Connector 2	RJ45 (FEMALE)	
Side B - Connector 3	DB9 (MALE)	
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	



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