HDBaseT HDMI over Cat5e/6/6a Extender Kit with Ethernet, Serial and IR Control, 1080p, Up to 500 ft. (152 m), TAA

MODEL NUMBER: **BHDBT-K-E3SI-ER**

Extends HDMI video/audio, Ethernet, RS-232 serial and IR control signals over a single Cat5e/6/6a cable to a projector, monitor or television up to 500 ft. from the source.

Highlights

- Ideal for digital signs, classrooms and trade show booths
- Built-in 10/100 Ethernet ports on transmitter and receiver
- Extends a 1920 x 1080 (1080p) signal up to 500 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD
- Controls RS-232 serial devices at baud rates up to 115 Kbps

Package Includes

- Transmitter unit
- Receiver unit
- IR-IN cable - 5 ft.
- IR-OUT cable - 6 ft.
- (2) External Power Supplies with NEMA 1-15P Plug- 4.5 ft. (Input: 100–240V, 50/60 Hz, 1A; Output: 5V, 3A)
- Mounting hardware
- Owner's manual

Features

Extends HDMI Video/Audio, Ethernet, RS-232 Serial and IR Control Signals Over a Single

Cat5e/6/6a Cable

- Ideal for digital signage, classrooms, retail locations, conference rooms and trade show booths
- Extends a high-definition 1920 x 1080 (1080p) @ 60 Hz signal up to 500 ft.
- Supports 7.1-channel surround sound, DTS-HD and Dolby TrueHD audio
- Supports 3D video, EDID and HDCP
- Reduces cable clutter and installation costs

Built-In 10/100 Ethernet Ports on Transmitter and Receiver

- Allows connected devices to communicate with each other and access online content via LAN

Controls 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 with no software or drivers to download and install
- Included mounting hardware for installing each unit on a wall, rack or pole

Locking HDMI Ports on 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

Specifications

OVERVIEW	
UPC Code	037332188175
Product Type	Extender Kit
Accessory Type	Extender
Technology	HDBaseT; HDMI; IR; Cat5/5e; Cat6

VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 720P Range (ft)	500
Max 1080P Range (ft)	500
Max 1280 x 720 (720p) Range (ft)	500
Max 1920 x 1080 (1080p) Range (ft)	500
Transmitter Video Input	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Recommended Cabling	HDMI
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	500
Maximum Signal Range (m)	152

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 / 1A
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 or Receiver (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 1A; Output: 5V, 3A, 4.5 ft.
Power Consumption (Watts)	15.00

CONNECTIONS	
Number of Ports	1
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(3) RJ45 (FEMALE)
Side A - Connector 3	RJ45 (FEMALE)
Side A - Connector 4	DB9 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	(3) RJ45 (FEMALE)
Side B - Connector 3	RJ45 (FEMALE)
Side B - Connector 4	DB9 (MALE)
Daisy-chainable / Cascadable	No

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	RJ45 INPUT/OUTPUT (GREEN / POWER, ORANGE / LINK) RJ45 10/100 ETHERNET (GREEN / SIGNAL, FLASHING ORANGE / ACTIVITY) ACTIVITY (FLASHING ORANGE WHEN TX/RX POWERED AND CONNECTED) HDMI LINK (GREEN WHEN SIGNAL IS BEING SENT FROM SOURCE TO DISPLAY) POWER (GREEN)

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.)	3.97 x 5.04 x 1.17
Receiver Unit Weight (lbs.)	1.7
Shipping Dimensions (hwd / in.)	8.43 x 5.91 x 3.19
Shipping Dimensions (hwd / cm)	21.41 x 15.01 x 8.10

Shipping Weight (lbs.)	4.90
Shipping Weight (kg)	2.22
Transmitter Unit Dimensions (hwd / in.)	3.97 x 5.04 x 1.17
Transmitter Unit Weight (lbs.)	1.7
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Unit Weight (lbs.)	1.7
Unit Weight (kg)	0.77
Housing	Metal

ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	-40° to 158°F (-40° to 70°C)
Relative Humidity	10% TO 90% RH, Non-Condensing
Operating Humidity Range	10% TO 90% RH, Non-Condensing
Storage Humidity Range	10% TO 90% RH, Non-Condensing

COMMUNICATIONS	
Max 1024 x 768 Range (ft)	500
Max 480P Range (ft)	500
Max 1440 x 900 Range (ft)	500
Max 1080i Range (ft)	500
Max 480i Range (ft)	500
Max 640 x 480 Range (ft)	500
Max 800 x 600 Range (ft)	500
Max 1600 x 1200 Range (ft)	500
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Consumer Electronics Control (CEC) Supported	No
USB Extension Support	No

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

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