HDMI HDBaseT KVM Console Extender over Cat6 - 2 USB Ports, IR, 4K 30 Hz (130 ft.), 1080p (230 ft.)

MODEL NUMBER: **B013-HU-4K**







Controls a media player from up to 130 ft. away and extends 4K HDMI video, USB and IR signals that same distance (230 ft. for 1080p).

Features

KVM Console Extender for Digital Signage or Extending Video in Offices or Command Centers
This extender kit includes a transmitter (local unit) and a receiver (remote unit) that work in tandem to extend and distribute HDMI audio/video, USB and IR (infrared) remote signals. Using Cat6 cabling (sold separately), the B013-HU-4K transmits 1080p video from a computer, Blu-ray player or other media center to an HDMI display or interactive whiteboard located up to 230 feet (70 meters) away. By connecting a keyboard and mouse to the receiver's dual USB ports, you can also control the source device from that same distance.

Recommended for Digital Signage or Extending Video Across Offices or Command Centers
Especially useful in control or security applications, the B013-HU-4K is ideal for command centers, data control centers, banks, governments, enterprise applications and especially any harsh environments, such as factories and warehouses. By extending audio/video signals, you can safely store your source computer in a cabinet or other enclosure, keeping it free of dust and blocking noise created by its fans, while watching the display in a different room or even a warehouse or factory floor.

Transmits Both 1080p and Uncompressed 4K Video and LPCM Audio with Zero Latency
This HDBaseT kit extends 1080p video resolutions up to 230 feet, as well as 4K video (3840 x 2160 at 30 Hz) up to 130 feet (40 meters) with 24-bit Deep Color (8 bits per channel). It also supports uncompressed LPCM, compressed DTS-HD and compressed Dolby TrueHD audio with no signal loss or added latency.

IR Pass-Through Technology Lets You Control the Video from the Next Room
Full bi-directional IR extension lets you control the source device with its remote (play, pause, fast forward, etc.), while you're standing near the receiver in another room. Video and audio will play without stalling or delayed data transmission. Make sure the transmitter's IR bulb is within sight of the source and the receiver's IR bulb is in range of the source's remote.

Plug-and-Play Operation for Quick Setup and Immediate Use
The included transmitter and receiver units work right out of the box with no software required. Because they connect using existing network infrastructure, you avoid the hassle and expense of running new Cat5e/6 cables. LED indicators alert you of power and connection status of both units at a glance.

Highlights

- Uses existing Cat5e/6 network infrastructure, saving you the expense of new cables
- Delivers 4K picture quality at Ultra HD resolutions up to 3840 x 2160 @ 30 Hz
- Supports DTS-HD, Dolby TrueHD and uncompressed LPCM digital audio with no latency
- IR pass-through feature allows you to control the source while standing in another room
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Keep your video sources in a secure or quiet location, with a display located elsewhere for viewing by the intended audience
- Extend 4K video over existing Cat6 cabling to cut costs on infrastructure
- Create an easily updatable video board communicating dynamic information, such as a restaurant menu or a theater schedule
- Display arrivals, departures and up-to-the-minute information in an airport or train station
- Connect an interactive whiteboard to use for visual aids in your lecture or presentation

System Requirements

- Source devices with HDMI output (media server, Blu-ray player, PC)
- Display device with HDMI input (HDTV, projector, whiteboard)
- USB keyboard and mouse

Package Includes

- Transmitter unit
- Receiver unit
- IR-Out cable
- IR-In cable
- USB 2.0 A/A cable (M/M), 4 ft.
- (2) International power supplies with 4 ft. cord (Input: 100-240V, 50/60 Hz, 0.3A; Output: 12V 1A)

- (8) International plug adapters (North America, Europe, U.K., Australia)
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332241160
Product Type	Extender Kit
Technology	HDBaseT; HDMI; IR
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	3840 x 2160 (4K @ 30Hz)
Max 1280 x 720 (720p) Range (ft)	230
Max 1920 x 1080 (1080p) Range (ft)	230
Max 1920 x 1200 Range (ft)	131
Max 2560 x 1600 Range (ft)	131
Max 3840 x 2160 (4K@30Hz) Range (ft)	131
Transmitter Video Input	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Recommended Cabling	N202-Series Cat6 Patch Cable
Max Supported Color Depth	36-bit True Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	230
Maximum Signal Range (m)	70
Maximum Signal Range Details	230 ft via Cat6 @ 1080P131 ft via Cat6 @ 4K 30Hz197 ft via Cat5e @ 1080p115 ft via Cat5e @ 4K 30Hz
AUDIO	
Audio Input	HDMI
Audio Output	HDMI

Audio Specification	Uncompressed LPCM audio and compressed DTS-HD, dolby true HD
INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.3A
AC Power Adapter Output Specs (V / A)	12V / 1A
AC Power Adapter Cord Length (ft.)	3.9
AC Power Adapter Cord Length (m)	1.2
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	No
POWER	
Power Source Type	AC Adapter
AC Plug Type	AS/NZS 3112; BS1363; CEE 7/16 Schuko; NEMA 1-15P
Power Source	Transmitter and Receiver (Included)
Power Over Cable (PoC) Support	No
DC Barrel Plug	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side A - Connector 2	HDMI (FEMALE)
Side A - Connector 3	(2) USB A (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
Side B - Connector 3	(2) USB A (FEMALE)
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Power LED (Red), Connection, HDMI Output, Mouse, Keyboard LED (Green)
PHYSICAL	
Color	Black
Material of Construction	Aluminium, Steel
Included Mounting Accessories	No
Number of Displays	1
Form Factor/Mounting Options	Box
Rackmountable	No

Receiver Unit Dimensions (hwd / in.)	3.72 x 3.86 x 1.01
Receiver Unit Weight (lbs.)	0.49
Shipping Dimensions (hwd / in.)	3.15 x 9.45 x 6.93
Shipping Dimensions (hwd / cm)	8.00 x 24.00 x 17.60
Shipping Weight (lbs.)	2.35
Shipping Weight (kg)	1.07
Transmitter Unit Dimensions (hwd / in.)	3.72 x 3.86 x 1.01
Transmitter Unit Weight (lbs.)	0.51
Unit Packaging Type	Box
Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
Relative Humidity	0% to 90% RH, Non-Condensing
ESD Protection	Level 3 (Contact/Air); Standard IEC 61000-4-2
COMMUNICATIONS	
Signal Range (ft.)	230
Signal Range (m)	70
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
Latency	~0
USB Extension Support	Yes
FEATURES & SPECIFICATIONS	
USB Specification	USB 2.0 (up to 480 Mbps)
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/6 cables
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; UL; cUL

Product Compliance	RoHS; CE (Europe); EAC (Belarus, Kazakhstan, Russia); REACH; WEEE; FCC (USA); UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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