TRIPP-LITE

HDMI over Cat6 Extender Kit with Power over Cable - 4K 60 Hz, 4:4:4, 328 ft. (100 m)

MODEL NUMBER: B127E-1A1-HH



Transmitter/receiver kit extends a 4K HDMI audio/video signal via Cat6 cable to a projector, monitor or HDTV up to 328 ft. away.

Features

HDMI Extender Ideal for Digital Signage or Displaying Video in Schools or Trade Show BoothsThis complete transmitter and receiver system is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings and other digital signage applications where the source and display are farther apart than conventional A/V cables allow. The B127E-1A1-HH extends 4K video and stereo audio signals from an HDMI source device to an HDMI display up to 328 feet (100 meters) away via user-supplied Cat6 cabling.

Transmits Crystal-Clear 4K HDMI Video with Multi-Channel Audio and 4:4:4 Color The B127-1A1-HH supports Ultra HD video resolutions up to 4K x 2K (3840 x 2160) at 60 Hz, as specified in HDMI 2.0, with full, rich 7.1-channel digital audio. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. This extender kit also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. While the receiver features built-in equalization, which automatically fine-tunes the image quality at the remote display with no time-consuming manual fiddling needed. Multi-Resolution Support Allows Mixing and Matching of Displays of Different ResolutionsMonitor your extended content locally by connecting an HDMI TV or display to the transmitter's local HDMI port. The B127E-1A1-HH supports multi-resolution, giving you the flexibility of connecting a 1080p or 4K at 30 Hz local display without affecting the extended 4K at 60 Hz signal.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power BricksBuilt-in Power over Cable (PoC) technology powers the low-profile receiver over Cat6 cable. Green and orange LEDs on both the transmitter and receiver will light up to indicate the system is receiving power and a signal is being transmitted. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to place the receiver away from an AC outlet.

Start, Stop, Fast Forward, Pause, Rewind Video from More Than 300 ft. AwayUse the included bidirectional IR cables or the included RS-232 adapters to control video and audio from the HDMI display's location. You can also connect a keyboard and mouse to the receiver's USB port to operate the video source device from up to 328 feet away from the transmitter.

Plug-and-Play Operation for Quick Setup and Immediate UseThe included transmitter and receiver units work right out of the box with no software required. Mounting hardware is included for installing the units on walls, poles or 19-inch racks. Connect the transmitter to the source and the receiver to the display

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystalclear video
- Power over Cable (PoC) technology provides power to the receiver via Cat6 cable
- Transmitter's local HDMI port allows you to see the remote image being displayed
- Supports multi-resolution output to allow for combination of different display types
- USB, IR and RS-232 ports let you control the source device

Applications

- Connect a media server, Blu-ray player, cable/satellite box, Roku, gaming system or other home theater component to a largescreen 4K television or projector located in a different room
- Upgrade the video quality of your trade show presentation or digital signage installation in a commercial or educational setting to 4K x 2K
- Set up a digital signage display in a location with no power outlets

System Requirements

- Source device with HDMI output (media server, laptop)
- Display device with HDMI input (HDTV, projector, monitor)

Package Includes

- Transmitter
- Receiver
- IR-OUT cable
- IR-IN cable
- (2) RS-232 adapters
- External power supply (Input: 100–240V, 50/60 Hz, 0.6A; Output: 24V 1A)
- (4) International plug adapters (North America, Europe, U.K., Australia)
- Mounting hardware
- Owner's manual



with user-supplied HDMI cables (such as Tripp Lite's P568- or P569-Series). Then, connect the two units using Cat6 patch cable (such as Tripp Lite N202-Series cable). Connect an optional display to the transmitter's local HDMI output to monitor the image connected to the receiver up to 328 feet away.

Specifications

OVERVIEW		
UPC Code	037332239136	
Product Type	Extender Kit	
Technology	HDMI; IR; Cat5/5e; Cat6; POC	
VIDEO		
Video Input	HDMI (FEMALE)	
Video Output	HDMI (FEMALE)	
Max Supported Video Resolution	3840 x 2160 (4K @ 60Hz)	
Max 1280 x 720 (720p) Range (ft)	200	
Max 1920 x 1080 (1080p) Range (ft)	200	
Max 1920 x 1200 Range (ft)	150	
Max 2560 x 1600 Range (ft)	150	
Max 3840 x 2160 (4K@30Hz) Range (ft)	150	
Max 3840 x 2160 (4K@60Hz) Range (ft)	125	
Transmitter Video Input	HDMI	
Transmitter - Number of Video Outputs	1	
Transmitter - Local Display Output	HDMI	
Receiver/Transceiver Video Output	HDMI	
Receiver - Number of Video Outputs	1	
Recommended Cabling	N202-Series Cat6 Cables	
Max Supported Color Depth	24-bit True Color	
HDR Support	No	
3D Video Supported	Yes	
Chroma Sub Sampling	4:4:4	
Maximum Signal Range (ft)	328	
Maximum Signal Range (m)	100	
AUDIO		

TRIPP-LITE

Audio Input	НДМІ	
Audio Output	НОМІ	
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD	
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 / 0.6A	
AC Power Adapter Output Specs (V / A)	24V / 1A	
AC Power Adapter Cord Length (ft.)	4.5	
AC Power Adapter Cord Length (m)	1.37	
Bus Powered	No	
POWER		
Power Source Type	AC Adapter	
AC Plug Type	NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112	
Power Source	Transmitter end only (Included)	
Power Over Cable (PoC) Support	Yes	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	TX: Power (Connected DC Power Supply), Link (TX & RX Connection), TX (Source Signal), Local (Local Monitor); RX: Power (PoE), Link (TX & RX Connection), RX (HDMI Output)	
PHYSICAL		
Color	Black	
Material of Construction	Metal	
Cable Jacket Color	Black	
Included Mounting Accessories	Wallmount	
Number of Displays	1	
Form Factor/Mounting Options	Box; Wall-mount	
Rackmountable	Yes	
Receiver Unit Dimensions (hwd / in.)	5.04 x 3.94 x 1.17	
Receiver Unit Weight (lbs.)	0.77	
Shipping Dimensions (hwd / in.)	3.27 x 13.54 x 5.90	
Shipping Dimensions (hwd / cm)	8.31 x 34.39 x 14.99	
Shipping Weight (lbs.)	2.84	
Shipping Weight (kg)	1.29	



1000 Eaton Boulevard Cleveland, OH 44122 United States

in.) CONTACIONAL INT Transmitter Unit Weight (bbs.) 0.77 Int Packaging Type Box Housing Metal ENVIRONMENTAL Environmentation Range 2** to 194* F (0* to 40*C) String Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity Operating Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity Operating Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity Operating Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity Operating Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity String Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity Operating Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity String Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity String Temperature Range 5* to 122* F (-15* to 50*C) Relative Humidity String Temperature Range 7* String Temperature Range Relative Humidity String Temperature Range Yee String Temperature Range Yee			
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Driver Required No Recommended Category Cable N202-Series Cat6 Cables STANDARDS & COMPLIANCE	Built-In Equalizer	Yes	
Recommended Category Cable N202-Series Cat6 Cables STANDARDS & COMPLIANCE	HDCP Specification	2.2	
STANDARDS & COMPLIANCE	Driver Required	No	
	Recommended Category Cable	N202-Series Cat6 Cables	
External Power Supply Certifications CCC; CE; FCC; GS; TUV; UL; cUL	STANDARDS & COMPLIANCE		
	External Power Supply Certifications	CCC; CE; FCC; GS; TUV; UL; cUL	



1000 Eaton Boulevard Cleveland, OH 44122 United States

Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty



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