

2-Port HDMI over Cat6 Splitter/Extender Kit, Transmitter/Dual Receivers, 4K 60 Hz, PoC, HDR, 125 ft., TAA

MODEL NUMBER: **B127-002-2H2**



Transmitter/receiver kit extends a 4K HDMI audio/video signal via Cat6 cable to 2 projectors, monitors or HDTVs up to 125 ft. away.

Features

Splitter Kit Ideal for Digital Signage or Displaying Video in Schools or Trade Show BoothsThe two-port transmitter/splitter and dual receivers are 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 B127-002-2H2 extends 4K video and stereo audio signals from an HDMI source device to two HDMI displays up to 125 feet (38 meters) away via user-supplied Cat6 cabling.

Transmits Crystal-Clear 4K HDMI Video with Multi-Channel Audio and 4:4:4 ColorThe B127-002-2H2 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 uncompressed DTS-HD, Dolby TrueHD and 7.1-channel digital audio. Built-in equalization automatically fine-tunes the image quality at the remote displays with no time-consuming manual fiddling needed. High Dynamic Range (HDR) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. This unit also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. The transmitter and receivers are backward compatible with non-4K equipment, so you can use this kit with legacy source and display devices.

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

Plug-and-Play Operation for Quick Setup and Immediate UseThe included transmitter/splitter 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 receivers to the displays with user-supplied HDMI cables (such as Tripp Lite's P568- or P569-Series). Then, connect the transmitter to the receivers using Cat6 patch cable (such as Tripp Lite N202-Series cable).

TAA-Compliant for GSA Schedule PurchasesThe B127-002-2H2 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Power over Cable (PoC) technology provides power to the receivers via Cat6 cable
- Transmits full, rich uncompressed DTS-HD, Dolby TrueHD and 7.1-channel digital audio
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Connect a media server, Blu-ray player, cable/satellite box, Roku, gaming system or other home theater component to two large-screen 4K televisions or projectors
- Upgrade the video quality of your trade show presentation or digital signage installation in a commercial or educational setting to 4K x 2K

System Requirements

- Source device with HDMI output (Blu-ray player, cable box, laptop)
- Display devices with HDMI input (HDTV, projector, monitor)

Package Includes

- Transmitter unit



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- (2) Receiver units
- External power supply (Input: 100–240V)
- (4) International plug adapters (North America, Europe, U.K. and Australia)
- Mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332240101
Product Type	Extender Kit
Technology	HDMI; HDR; Cat5/5e; Cat6; POC
VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	3840x2160 (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	2
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Signal Range (ft)	125
Signal Range (m)	38
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Max Supported Color Depth	24-bit True Color



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HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
AUDIO	
Audio Input	HDMI
Audio Output	HDMI
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD
POWER	
Power Source	Transmitter end only (Included)
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P; BS1363; CEE 7/16 Schuko; AS/NZS 3112
External Power Supply Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.6A
External Power Supply Output Specs (V / A)	24V/1A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Cord Length (m.)	1.37
External Power Supply Certifications	CCC; CE; FCC; GS; PSE; TUV; UL; cUL
Power Over Cable (PoC) Support	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX: x1 Green (Power), x2 (1 & 2 Output); TX: RJ45 port: x2 Green (Connected), x2 Orange (Activity) RX: x1 Green (Power); Rx RJ45 port: Green (Connected), Orange (Activity)
PHYSICAL	
Color	Black
Included Mounting Accessories	Wallmount
Material of Construction	Metal
Number of Displays	2
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	Yes
Receiver Unit Dimensions (hwd / in.)	1.06 x 4.53 x 2.46
Receiver Unit Weight (lbs.)	0.49
Transmitter Unit Dimensions (hwd / in.)	1.06 x 4.53 x 2.46
Transmitter Unit Weight (lbs.)	0.55



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Unit Packaging Type	Box
Housing	Metal
ENVIRONMENTAL	
Operating Temperature Range	32 to 104 °F (0 to 40 °C)
Storage Temperature Range	5 to 122 °F (-13 to 50 °C)
Relative Humidity	0% to 85% RH, Non-Condensing
COMMUNICATIONS	
Signal Range (ft.)	125
Signal Range (m)	38
EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
CONNECTIONS	
Ports	2
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(2) RJ45 (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 2	(2) RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Built-In Equalizer	Yes
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, REACH, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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