

8-Port HDMI over Cat6 Splitter/Extender, Transmitter for Video/Audio, PoC, 4K @ 60 Hz, Up to 125 ft., TAA

MODEL NUMBER: **B127-008-H**



Transmitter/splitter extends a 4K HDMI audio/video signal via Cat6 cable to 8 HDMI projectors, monitors or HDTVs up to 125 ft. away.

Features

Splitter Ideal for Digital Signage or Displaying Video in Schools or Trade Show Booths This eight-port transmitter/splitter 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 B127-008-H extends 4K video and stereo audio signals from an HDMI source device to eight HDMI displays up to 125 feet (38.1 meters) away via user-supplied Cat6 cabling.

Built-In PoC Technology Provides Power to Avoid Bulky External Power Bricks Built-in Power over Cable (PoC) technology powers the connected B127-Series receivers over Cat6 cable. Green and orange LEDs will light up to indicate the unit is receiving power and a signal is being received. PoC lets you avoid the hassle of a bulky power brick and gives you the freedom to place the receivers away from an AC outlet.

Transmits Crystal-Clear 4K HDMI Video with Multi-Channel Audio and 4:4:4 Color The B127-008-H 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. The transmitter is capable of carrying HDR signals, which provide a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. The B127-008-H also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Daisy-Chain Multiple Transmitters to Add More Displays An HDMI output is included for connecting up to three additional B127-008-H transmitters, each of which splits the original HDMI signal into eight. You can also connect an optional display to monitor the image connected to the receivers up to 125 feet away.

Plug-and-Play Operation for Quick Setup and Immediate Use The included transmitter works right out of the box with no software required. Mounting hardware is included for installing the unit on a wall, pole or 19-inch rack. Connect the transmitter to the source with a user-supplied HDMI cable (such as Tripp Lite's P568- or P569-Series). Then, connect the transmitter to a Tripp Lite B127-100-H, B127-200-H or B127-100-H-SR remote receiver using Cat6 Ethernet cable (such as Tripp Lite N202-Series cable).

TAA-Compliant for GSA Schedule Purchases The B127-008-H 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

- Requires Tripp Lite B127-100-H, B127-200-H or B127-100-H-SR remote receiver
- Maintains UHD resolutions up to 4K x 2K (3840 x 2160) @ 60 Hz, as specified in HDMI 2.0, for crystal-clear 4K video
- Power over Cable (PoC) technology provides power to the receivers via Cat6 cable
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Transmitter's local port shows you the UHD image being displayed up to 125 ft. away

Applications

- Connect a media server, Blu-ray player, cable/satellite box, Roku, gaming system or other home theater component to 8 large-screen 4K televisions or projectors
- Upgrade the video quality of your trade show presentation in a commercial or educational setting to 4K x 2K
- Set up digital signage with a single video signal being transmitted to 8 monitors, each displaying its maximum resolution

System Requirements

- Source device with HDMI output (Blu-ray player, cable box,



laptop)

- Tripp Lite B127-100-H, B127-200-H or B127-100-H-SR remote receivers

Package Includes

- Transmitter unit
- External power supply with 4.5 ft. cord (Input: 100–240V, 50/60 Hz, 1.5A; Output: 24V 2A)
- (4) International plug adapters (North America, Europe, U.K. and Australia)
- Mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332253781
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
External Power Supply Input Specs (V / Hz / A)	100-240V~50/60Hz, 1.5A
External Power Supply Output Specs (V / A)	24V/2A
External Power Supply Cord Length (ft.)	4.5
External Power Supply Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
External Power Supply Certifications	CCC; CE; FCC; GS; PSE; TUV; UL; cUL
Bus Powered	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Tx: x1 Green (Power); x10 Orange (Local, 1-8 Output, Input); Tx RJ45 Port: x8 Green (Connected), x8 Orange (Activity)
PHYSICAL	
Color	Black



Material of Construction	Metal
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	5.51 x 35.20 x 16.41
Shipping Dimensions (hwd / in.)	2.17 x 13.86 x 6.46
Shipping Weight (kg)	0.65
Shipping Weight (lbs.)	1.43
Unit Dimensions (hwd / in.)	1.169 x 9.252 x 3.97
Unit Dimensions (hwd / mm)	29.7 x 235 x 100
Unit Packaging Type	Box
Unit Weight (kg)	0.65
Unit Weight (lbs.)	1.43
ENVIRONMENTAL	
Operating Temperature Range	32 TO 104° F (0 TO 40° C)
Storage Temperature Range	5 TO 122° F (-15 TO 50° C)
Relative Humidity	0% TO 85% RH, NON-CONDENSING
COMMUNICATIONS	
Signal Range (ft.)	125
Signal Range (m)	38
CONNECTIONS	
Ports	8
Side A - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 1	(8) RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	4K x 2K (3840 x 2160) @ 60 Hz
HDMI Specification	2.0
HDCP Specification	1.4; 2.2
Audio Specification	True uncompressed 7.1 Channel, DTS-HD & Dolby-TrueHD digital audio
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Max Supported Color Depth	36-bit Deep Color
EDID Compatible	Yes
Power Over Cable (PoC) Support	Yes
3D Video Supported	Yes



Technology	Cat6; HDMI; HDR
Transmission Distance	3840 x 2160 (4K) @ 60 Hz, 4:4:4 HDR = 125 ft (40 m); 3840 x 2160 (4K) @ 30Hz = 150 ft. (45 m); 1080p @ 60Hz = 200 ft (60 m)
Chroma Sub Sampling	4:4:4
SPECIAL FEATURES	
HDR Support	Yes
DIN Mountable	No
Integrated/Removable Cable	No
MST Support	No
Included Mounting Accessory	Yes
Multi-Resolution Support	Yes
STANDARDS & COMPLIANCE	
Certifications	CE, FCC, REACH, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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