8-Port HDMI over Cat6 Splitter/Extender, Transmitter for Video/Audio, 4K 60 Hz, PoC, 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 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 P568- or P569-Series). Then, connect the transmitter to a B127-100-H, B127-200-H or B127-100-H-SR remote receiver using Cat6 Ethernet cable (such as N202-Series cable).

Highlights

- Requires B127-100-H, B127-200-H or B127-100-H-SR remote receiver
- 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
- 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)
- 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

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.

Specifications

OVERVIEW	
UPC Code	037332253781
Product Type	Transmitter
Technology	HDMI; 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	8
Transmitter - Local Display Output	HDMI
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Max Supported Color Depth	24-bit True Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	125
Maximum Signal Range (m)	38

AUDIO	
Audio Input	HDMI
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 / 1.5A
AC Power Adapter Output Specs (V / A)	24V / 2A
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: 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
Included Mounting Accessories	Wallmount
Number of Displays	8
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	2.17 x 13.86 x 6.46
Shipping Dimensions (hwd / cm)	5.51 x 35.20 x 16.41
Shipping Weight (lbs.)	1.43
Shipping Weight (kg)	0.65
Unit Dimensions (hwd / in.)	1.169 x 9.252 x 3.970
Unit Dimensions (hwd / mm)	29.7 x 235 x 100
Unit Packaging Type	Box
Unit Weight (lbs.)	1.43
Unit Weight (kg)	0.65
Housing	Metal

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
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)
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No

CONNECTIONS

Number of Ports	8
Side A - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 1	(8) RJ45 (FEMALE)
Daisy-chainable / Cascadable	No

PORT EXPANSION

Daisy-chainable or Cascadable	Yes

FEATURES & SPECIFICATIONS

10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	Yes
Multi-Resolution Support	Yes
Built-In Equalizer	Yes
HDCP Specification	1.4; 2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
DIN Mountable	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; CE; FCC; GS; PSE; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty