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

MODEL NUMBER: **B127-004-H**

Transmitter/splitter extends a 4K HDMI audio/video signal via Cat6 cable to 4 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 four-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 B127-004-H extends 4K video and stereo audio signals from an HDMI source device to four 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 Color The B127-004-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. This transmitter carries 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. This unit supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

Built-In PoC Technology Provides Power to Avoid Bulky External Power Bricks Built-in Power over Cable (PoC) technology powers the connected B127-100-H or B127-100-H-SR receiver 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 transfer power to the remote receivers and place them away from an AC outlet.

Daisy-Chain Multiple Transmitters to Add More Displays An HDMI output is included for connecting up to three additional B127-004-H transmitters, each of which splits the original HDMI signal into four. 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 Tripp Lite B127-100-H or B127-100-H-SR remote receivers using Cat6 patch cable (such as Tripp Lite N202-Series cable).

TAA-Compliant for GSA Schedule Purchases The B127-004-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

- Works in tandem with Tripp Lite B127-100-H or B127-100-H-SR remote receivers
- 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 four 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
- Set up digital signage with a single video signal being transmitted to 4 monitors, each displaying its maximum resolution

System Requirements

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

- Tripp Lite B127-100-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	037332239044
Product Type	Transceiver
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	4
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

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 / 1.5A
External Power Supply Output Specs (V / A)	24V/2A
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), x6 Orange (Local, 1,2,3,4 Output, Input); Tx RJ45 port: x4 Green (Connected), x4 Orange (Activity)

PHYSICAL

Color	Black
Included Mounting Accessories	Wallmount
Material of Construction	Metal
Number of Displays	4
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	6.10 x 16.00 x 34.54
Shipping Dimensions (hwd / in.)	2.40 x 6.30 x 13.60

Tripp Lite
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Chicago, IL 60609 USA
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www.tripplite.com

Shipping Weight (kg)	1.13
Shipping Weight (lbs.)	2.50
Unit Dimensions (hwd / in.)	1.17 x 9.25 x 3.94
Unit Packaging Type	Box
Unit Weight (kg)	0.29
Unit Weight (lbs.)	0.65
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
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No

CONNECTIONS

Ports	4
Side A - Connector 1	(2) HDMI (FEMALE)
Side B - Connector 1	(4) 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

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Product Warranty Period (Worldwide)	1-year limited warranty

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