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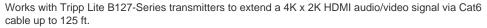
This product supports 4K 60 Hz 4:4:4 subsampling for HDR televisions. To ensure optimal performance, check the factory default settings on your TV:

- Frequency (Hz) should be set to 60 Hz
- HDR feature should be enabled
- HDMI input settings should be set to 2.0
- UHD Deep Color should be set to ON

# HDMI over Cat6 Active Remote Receiver for Video/Audio, 4K 60 Hz, PoC, HDR, 125 ft., TAA

### MODEL NUMBER: B127-100-H





#### Features

**4K Receiver Extends HDMI Signals for Digital Signage or Video Presentations**This box-style active remote receiver works in tandem with Tripp Lite's B127-002-H or B127-004-H transmitter to extend 4K video (at 60 Hz) and stereo audio from an HDMI source to an HDMI display up to 125 feet (38.1 meters) using Cat6 cabling. It can also extend a 4K HDMI signal (at 30 Hz) up to 150 feet (45.7 meters) and a 1080p HDMI signal (at 60 Hz) up to 200 feet (61 meters).

Ideal for Settings Where Conventional HDMI Cables Can't ReachThe B127-100-H is recommended for 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.

**Supports Crystal-Clear 4K HDMI Video with Multi-Channel Audio and 4:4:4 Color** The B127-100-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. Built-in equalization automatically fine-tunes the image quality at the remote display 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. It also 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 low-profile 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 place the receiver away from an AC outlet.

**Plug-and-Play Operation for Quick Setup and Immediate Use**The receiver works right out of the box with no software or external power supply required. Mounting hardware is included for installing it on a wall, pole or 19-inch rack. Connect the receiver to the display with a user-supplied high-speed HDMI cable (such as Tripp Lite's P568- or P569-Series) and to the transmitter with Cat6 patch cable (such as Tripp Lite N202-Series cable).

#### Highlights

- Requires Tripp Lite B127-002-H or B127-004-H transmitter to extend HDMI signals
- 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
- Supports High Dynamic Range (HDR) for richer 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 a largescreen 4K television or projector
- 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 multiple displays

#### **System Requirements**

- Tripp Lite B127-002-H or B127-004-H transmitter
- Display device with HDMI input (HDTV, projector, monitor)

#### Package Includes

• B127-100-H HDMI over Cat6



**TAA-Compliant for GSA Schedule Purchases**The B127-100-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.

Active Remote Receiver

Mounting hardware

• Owner's manual

## **Specifications**

OVERVIEW	
UPC Code	037332239099
Product Type	Receiver
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
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
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 Output	НДМІ
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD



POWER		
Power Over Cable (PoC) Support	Yes	
USER INTERFACE, ALERTS & CON	TROLS	
LED Indicators	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	1	
Form Factor/Mounting Options	Box; Wall-mount	
Rackmountable	Yes	
Unit Dimensions (hwd / in.)	1.06 x 4.53 x 2.46	
Unit Packaging Type	Box	
Unit Weight (kg)	0.20	
Unit Weight (Ibs.)	0.45	
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	
EDID Compatible	Yes	
Consumer Electronics Control (CEC) Supported	Yes	
USB Extension Support	No	
CONNECTIONS		
Side A - Connector 1	HDMI (FEMALE)	
Side B - Connector 1	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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