

This product supports 4K 60Hz 4:4:4 subsampling for HDR televisions. To ensure optimal performance, check the factory default settings on your TV. (1) The frequency (Hz) should be set to 60Hz (2) HDR feature should be enabled (3) HDMI input settings should be set to 2.0 (4) UHD Deep Color should be set to ON.

HDMI over Cat6 Active Remote Receiver with PoC - 4K x 2K @ 60 Hz, 4:4:4, 125 ft. (38.1 m), TAA

MODEL NUMBER: **B127-100-H**



Works with Tripp Lite B127-Series transmitters to extend a 4K x 2K HDMI audio/video signal via Cat6 cable up to 125 ft.

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 Reach The 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 3840 x 2160 (4K x 2K) at 60 Hz 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. It's compatible with HDCP 2.2, EDID and HDMI 2.0 standards for carrying HDR (high dynamic range) signals. 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).

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.

Highlights

- Requires Tripp Lite B127-002-H or B127-004-H transmitter to extend HDMI signals
- Delivers UHD picture quality at resolutions up to 3840 x 2160 (4K x 2K) @ 60 Hz
- Power over Cable (PoC) technology provides power to the receiver via Cat6 cable
- Compatible with latest HDMI standards, including 4:4:4 subsampling for HDR televisions
- 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 large-screen 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



Active Remote Receiver

- Mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332239099
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Rx: x1 Green (Power); Rx RJ45 port: Green (Connected), Orange (Activity)
PHYSICAL	
Unit Packaging Type	Box
Unit Dimensions (hwd / in.)	1.06 x 4.53 x 2.46
Unit Weight (lbs.)	0.45
Unit Weight (kg)	0.20
Material of Construction	Metal
Color	Black
Rackmountable	Yes
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	
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	4K x 2K (3840 x 2160) @60Hz
HDMI Specification	2.0



HDCP Specification	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	24-bit True Color
EDID Compatible	Yes
Power Over Cable (PoC) Support	Yes
Technology	A/V over IP; Cat6; HDMI; HDR
Chroma Sub Sampling	4:4:4
SPECIAL FEATURES	
HDR Support	Yes
CERTIFICATIONS	
Certifications	Tested to CE, FCC, REACH, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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