HDMI over Cat6 Passive Remote Receiver for Video/Audio, Power over Cable, HDR, 4K @ 60 Hz, 50 ft., TAA

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

Works with Tripp Lite B127-Series transmitters to extend a 4K x 2K HDMI audio/video signal up to 50 ft. via Cat6 cable.

Features

4K Receiver Extends HDMI Signals for Digital Signage or Video Presentations
This pigtail-style passive 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 50 feet (15.2 meters) using Cat6 cabling.

Ideal for Settings Where Conventional HDMI Cables Can't Reach
The B127-100-H-SR 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-SR 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. Connect the receiver to the display using its built-in HDMI cable and to the transmitter with Cat6 patch cable (such as Tripp Lite N202-Series cable). A USB Micro-B port is available in the unlikely event additional power is needed.

TAA-Compliant for GSA Schedule Purchases
The B127-100-H-SR 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
- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear 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 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-SR HDMI over Cat6 Passive Remote Receiver
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332239105

INPUT	
Built-In Cable Length (in.)	6
Product Length (in.)	9.74

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Connected), Orange (Activity)

PHYSICAL	
Color	Black
Material of Construction	PVC
Rackmountable	No
Shipping Dimensions (hwd / cm)	4.32 x 13.46 x 20.32
Shipping Dimensions (hwd / in.)	1.70 x 5.30 x 8.00
Shipping Weight (kg)	0.18
Shipping Weight (lbs.)	0.39
Unit Dimensions (hwd / in.)	0.732 x 9.74 x 2.36
Unit Packaging Type	Box
Unit Weight (kg)	0.08
Unit Weight (lbs.)	0.17

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.)	50
Signal Range (m)	15
CONNECTIONS	
Side A - Connector 1	MICRO-USB B (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	HDMI (MALE)
Connector Plating	Nickel
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
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, REACH, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty