HDMI over Cat6 Passive Remote Receiver for Video/Audio, 4K 60 Hz, PoC, HDR, 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 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. 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
Product Type	Receiver
Technology	HDMI; HDR; Cat5/5e; Cat6; POC

VIDEO	
Video Input	RJ45 (FEMALE)
Video Output	HDMI (MALE)
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)	50
Maximum Signal Range (m)	15

AUDIO	
Audio Output	HDMI
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD

INPUT

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

POWER

Power Source	Receiver end only (Optional)
Power Source Type	USB
Power Over Cable (PoC) Support	Yes

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	Green (Connected), Orange (Activity)

PHYSICAL

Color	Black
Material of Construction	PVC
Number of Displays	1
Form Factor/Mounting Options	Pigtail
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
Housing	Plastic

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

EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
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	
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Built-In Equalizer	No
STANDARDS & COMPLIANCE	
Certifications	Tested to CE, FCC, REACH, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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