HDMI over Cat6 Passive Remote Receiver, 4K 60 Hz, HDR, PoC, Multi-Resolution Support, 50 ft., TAA

MODEL NUMBER: **B127P-100-H-SR**

Works with Tripp Lite B127P-Series transmitters to extend a 4K x 2K HDMI audio/video signal via Cat6 cable up to 50 ft.

Features

4K Receiver Extends HDMI Signals for Digital Signage or Video Presentations This pigtail-style passive remote receiver works in tandem with B127P-002-H or B127P-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 B127P-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 B127P-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. This receiver is capable of carrying HDR signals, which provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. It supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications.

Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions Say you have a brand new 4K (at 60 Hz) HDTV in the living room, but want to also connect your Blu-ray player or satellite box to the older 1080p TV in the bedroom. The B127P-100-H-SR works with a B127P-002-H or B127P-004-H splitter/transmitter to allow up to four televisions to display video at their maximum resolution. Most other video applications default each television to the lowest common resolution, meaning you would only get a 1080p image on that new 4K TV.

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.

Highlights

- Requires B127P-002-H or B127P-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
- Supports multi-resolution output to allow for combination of different display types

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 monitors, each displaying its maximum resolution
- Mount a security camera in an out-of-the-way spot without the burden of placing it near an AC outlet

System Requirements

- B127P-002-H or B127P-004-H transmitter
- Display device with HDMI input (HDTV, projector, monitor)

Package Includes

- B127P-100-H-SR HDMI over Cat6 Passive Remote Receiver
- Mounting hardware
- Owner's manual

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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 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 B127P-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.

Specifications

OVERVIEW	
UPC Code	037332239211
Product Type	Receiver
Technology	HDMI; Cat5/5e; Cat6; POC

VIDEO	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	3840 x 2160 (4K @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	50
Max 1920 x 1080 (1080p) Range (ft)	50
Max 1920 x 1200 Range (ft)	50
Max 2560 x 1600 Range (ft)	50
Max 3840 x 2160 (4K@30Hz) Range (ft)	50
Max 3840 x 2160 (4K@60Hz) Range (ft)	50
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 (ft.)	0.5
Built-In Cable Length (in.)	6
Bus Powered	No
Product Length (in.)	9.74
Product Length (ft.)	0.81
POWER	
Power Source Type	USB
Power Source	Receiver end only (Optional)
Power Over Cable (PoC) Support	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Rx: x1 Green (Power); Rx RJ45 port: Green (Connected), Orange (Activity)
PHYSICAL	
Color	Black
Material of Construction	Plastic
Number of Displays	1
Form Factor/Mounting Options	Pigtail
Rackmountable	No
Unit Dimensions (hwd / in.)	0.732 x 9.740 x 2.360
Unit Packaging Type	Box
Unit Weight (lbs.)	0.17
Unit Weight (kg)	0.08
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
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No

CONNECTIONS	
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	MICRO-USB B (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Connector Plating	Nickel
Daisy-chainable / Cascadable	No

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Multi-Resolution Support	Yes
Built-In Equalizer	No
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty