

# 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 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 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 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

- 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; Cat5/5e; Cat6; POC
VIDEO	
Video Input	RJ45 (FEMALE)
Video Output	HDMI (MALE)
Max Supported Video Resolution	3840 x 2160 (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
Bus Powered	No
Product Length (in.)	9.74
POWER	



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Power Source Type	USB
Power Source	Receiver end only (Optional)
Power Over Cable (PoC) Support	Yes
<b>CONNECTIONS</b>	
Side A - Connector 1	MICRO-USB B (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	HDMI (MALE)
Connector Plating	Nickel
Daisy-chainable / Cascadable	No
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Green (Connected), Orange (Activity)
<b>PHYSICAL</b>	
Color	Black
Material of Construction	PVC
Number of Displays	1
Form Factor/Mounting Options	Pigtail
Rackmountable	No
Shipping Dimensions (hwd / in.)	1.70 x 5.30 x 8.00
Shipping Dimensions (hwd / cm)	4.32 x 13.46 x 20.32
Shipping Weight (lbs.)	0.39
Shipping Weight (kg)	0.18
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
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
Signal Range (ft.)	50
Signal Range (m)	15



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EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
<b>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	2.2
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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