

Important Note

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

2-Port HDMI over Cat6 Active Remote Receiver for Video/Audio, 4K 60 Hz, HDR, PoC, 125 ft., TAA

MODEL NUMBER: **B127-200-H**



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

Features

2-Port Receiver Extends HDMI Signals for 4K Digital Signage or Video Presentations This box-style active remote receiver works in tandem with B127-002-H or B127-004-H transmitter to extend 4K video (at 60 Hz) and 7.1 audio from an HDMI source to two HDMI displays up to 125 feet (38 meters) using Cat6 cabling. It can also extend a 4K HDMI signal (at 30 Hz) up to 150 feet (46 m) and a 1080p HDMI signal (at 60 Hz) up to 200 feet (61 m).

An Ideal Setup for Settings Where Conventional HDMI Cables Can't Reach The B127-200-H is recommended for home theaters and video presentations in 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.

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.

Supports Crystal-Clear 4K HDMI Video with Multi-Channel Audio and 4:4:4 Color The B127-200-H 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 displays with no time-consuming manual fiddling needed. The receiver is capable of carrying HDR signals, which provide a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks. HDCP 2.2 compliance allows you to stream iTunes and Netflix content with no complications. The B127-200-H also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.

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 large-screen 4K televisions or projectors
- 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 devices with HDMI input (HDTV, projector, monitor)

Package Includes

- B127-200-H 2-Port HDMI over Cat6 Active 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 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 P568- or P569-Series) and to the transmitter with Cat6 Ethernet cable (such as N202-Series cable).

TAA-Compliant for GSA Schedule Purchases The B127-200-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.

Specifications

OVERVIEW	
UPC Code	037332253866
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)	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	2
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)	125
Maximum Signal Range (m)	38
AUDIO	
Audio Input	HDMI
Audio Output	HDMI



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Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby-TrueHD
INPUT	
Bus Powered	No
POWER	
Power Over Cable (PoC) Support	Yes
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power); Orange (Output Signal); RJ45 port: Green (Connection), Orange (Activity)
PHYSICAL	
Material of Construction	Metal
Included Mounting Accessories	Wallmount
Number of Displays	2
Form Factor/Mounting Options	Box; Wall-mount
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
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
FEATURES & SPECIFICATIONS	



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10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
Built-In Equalizer	No
Driver Required	No
Recommended Category Cable	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
<https://tripplite.eaton.com>

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