

## 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



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## 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       | 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                                                   |
| Bus Powered                          | No                                                  |



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|                                              |                                      |
|----------------------------------------------|--------------------------------------|
| Product Length (in.)                         | 9.74                                 |
| <b>POWER</b>                                 |                                      |
| Power Source Type                            | USB                                  |
| Power Source                                 | Receiver end only (Optional)         |
| Power Over Cable (PoC) Support               | Yes                                  |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                      |
| LED Indicators                               | Green (Connected), Orange (Activity) |
| <b>PHYSICAL</b>                              |                                      |
| Material of Construction                     | PVC                                  |
| Color                                        | Black                                |
| 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 (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                                   |
| EDID Compatible                              | Yes                                  |
| IR Remote Extension Support                  | No                                   |
| RS-232 Serial Extension Support              | No                                   |



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|                                              |                                                   |
|----------------------------------------------|---------------------------------------------------|
| Consumer Electronics Control (CEC) Supported | Yes                                               |
| USB Extension Support                        | No                                                |
| <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                                            |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |                                                   |
| HDCP Specification                           | 2.2                                               |
| Driver Required                              | No                                                |
| Recommended Category Cable                   | Solid Wire Cat6 Cables (Tripp Lite's N202-Series) |
| 10/100 Ethernet Extension Support            | No                                                |
| Built-In Equalizer                           | No                                                |
| <b>STANDARDS &amp; COMPLIANCE</b>            |                                                   |
| Certifications                               | Tested to CE, FCC, REACH, RoHS                    |
| <b>WARRANTY</b>                              |                                                   |
| Product Warranty Period (Worldwide)          | 1-year limited warranty                           |

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<https://www.tripplite.com/products/product-certification-agencies>