

HDMI over Cat5/6 Extender, Box-Style Remote Receiver for Video/Audio, Up to 150 ft. (45 m), TAA

MODEL NUMBER: **B126-1A0**



Works with Tripp Lite's B126-Series transmitters to extend an HDMI signal via Cat5e/6 cable to a projector, monitor or television. Ideal for digital signs, schools and trade show presentations.

Description

The B126-1A0 HDMI over Cat5/Cat6 Active Remote Receiver works with a B126-002 or B126-004 transmitter (sold separately) to extend an HDMI signal to a projector, monitor or television. It's ideal for digital signs, trade shows, presentations, classrooms, churches, retail settings and other applications where the video source is located farther than conventional cables allow or that require multiple displays connected to one source.

The receiver uses HDMI cable (see P568-Series) to connect to the monitor and Cat5e/6 cable to receive the signal from the transmitter or a remote repeater in the chain (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series).

The B126-1A0 can extend a 1080i (60 Hz) signal up to 200 feet (61 meters), a 1080p (60 Hz) signal up to 150 feet (45.7 meters) and a 3D signal up to 125 feet (38.1 meters). You can connect up to three B126-110 remote repeaters in the chain for a total of four HDMI displays and full signal extension of 700 feet (213.4 meters) (1080i), 500 feet (152.4 meters) (1080p) or 400 feet (122 meters) (3D).

In addition to crystal-clear video, the B126-1A0 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-Series transmitter. Built-in equalization control lets you fine-tune the image quality at each remote display. Supports 24-bit True Color (8 bits per channel) and HDCP compatibility. Easy to set up with no software or drivers to install. Mounts to a wall, rack or pole using the included hardware.

Features

Extends High-Definition Signals

- Works in tandem with B126-002 or B126-004 transmitter unit
- Extends a 1080i (60 Hz) signal up to 200-ft. (61 m), a 1080p (60 Hz) signal up to 150-ft. (45.7 m) and a 3D signal up to 125-ft. (38.1 m)
- Connect up to 3 B126-110 remote repeaters to the chain for maximum signal range of 700-ft. (213.36 m) (1080i), 500-ft. (152.4 m) (1080p) and 400-ft. (121.92 m) (3D)
- Connects to previous link in the chain with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series)

Supports the Latest Video and Audio Resolutions

Highlights

- Works in tandem with B126-002 or B126-004 transmitter unit
- Supports high-definition video resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound audio
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install

System Requirements

Package Includes

- B126-1A0 HDMI over Cat5/Cat6 Active Remote Receiver
- Screwdriver for adjusting equalization
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 2A, 5-ft. (1.52 m))
- Mounting hardware
- Owner's Manual

- Works with all operating systems and HDMI video sources
- Supports HD resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with B126-002 or B126-004 transmitter unit
- Supports 24-bit True Color (8 bits per channel) and HDCP
- Built-in equalization control lets you adjust the image on the local monitor

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Connects quickly to local monitor with HDMI cable, such as P568-Series
- LEDs indicate at a glance when the unit is receiving power and a signal from the previous link in the chain
- Included mounting hardware lets you install the unit on a wall, rack or pole

TAA-Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

| OVERVIEW | |
|--|---------------------------------|
| UPC Code | 037332157485 |
| Product Type | Receiver |
| Technology | HDMI; Cat5/5e; Cat6 |
| VIDEO | |
| Max Supported Video Resolution | 1920 x 1080 (1080p @ 60Hz) |
| Max 1280 x 720 (720p) Range (ft) | 150 |
| Max 1920 x 1080 (1080p) Range (ft) | 150 |
| Receiver/Transceiver Video Output | HDMI |
| Receiver - Number of Video Outputs | 1 |
| Range Extension using other Tripp Lite product | 175 ft. @ 1080i 125 ft. @ 1080p |
| Recommended Cabling | N202-Series Cat6 Patch Cable |
| Other Tripp Lite product used to extend range | B126-110 |
| Max Supported Color Depth | 24-bit True Color |
| HDR Support | No |
| 3D Video Supported | Yes |
| Chroma Sub Sampling | 4:4:4 |
| Maximum Signal Range (ft) | 150 |

| | |
|--|---|
| Maximum Signal Range (m) | 46 |
| Maximum Signal Range Details | 200 ft @ 1080i150 ft @ 1080p |
| AUDIO | |
| Audio Output | HDMI |
| Audio Specification | Stereo Audio |
| INPUT | |
| AC Power Adapter Plug(s) | NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.5A |
| AC Power Adapter Output Specs (V / A) | 5V / 2A |
| AC Power Adapter Cord Length (ft.) | 4.5 |
| AC Power Adapter Cord Length (m) | 1.37 |
| Bus Powered | No |
| POWER | |
| Power Source Type | AC Adapter |
| AC Plug Type | NEMA 1-15P |
| Power Source | Receiver end only (Included) |
| Power Over Cable (PoC) Support | No |
| AC Adapter | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft. |
| DC Barrel Plug | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Green (Power), Orange (Activity) |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Steel |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 1 |
| Optional Mounting Accessory Notes | Can DIN Mount using Tripp Lite Bracket B110-DIN-02 |
| Form Factor/Mounting Options | Box; Wall-mount |
| Rackmountable | Yes |
| Shipping Dimensions (hwd / in.) | 2.20 x 7.25 x 6.50 |
| Shipping Dimensions (hwd / cm) | 5.59 x 18.42 x 16.51 |

| | |
|--|----------------------------|
| Shipping Weight (lbs.) | 0.99 |
| Shipping Weight (kg) | 0.45 |
| Unit Dimensions (hwd / in.) | 0.000 x 0.000 x 0.000 |
| Unit Dimensions (hwd / cm) | 2.54 x 6.35 x 9.14 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 0.19 |
| Unit Weight (kg) | 0.09 |
| Housing | Metal |
| 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%, Non-Condensing |
| COMMUNICATIONS | |
| Signal Range (ft.) | 200 |
| Signal Range (m) | 61 |
| 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 | |
| Number of Ports | 1 |
| Side A - Connector 1 | RJ45 (FEMALE) |
| Side B - Connector 1 | HDMI (FEMALE) |
| Daisy-chainable / Cascadable | Yes |
| Daisy-chainable / Cascadable Details | Requires B126-110 |
| FEATURES & SPECIFICATIONS | |
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | Yes |
| HDCP Specification | 1.4 |
| Driver Required | No |
| Recommended Category Cable | Cat5/Cat5e/Cat6 Cables |

TRIPP-LITE

by **EAT•N**

1000 Eaton Boulevard
Cleveland, OH 44122
United States

| STANDARDS & COMPLIANCE | |
|--------------------------------------|--|
| External Power Supply Certifications | FCC; PSE; TUV;RoHS; UL; cUL |
| Product Compliance | RoHS; REACH; FCC (USA); Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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