

HDMI over Cat5/6 Extender, Box-Style Remote Repeater for Video/Audio, Up to 125 ft. (38 m), TAA

MODEL NUMBER: **B126-110**



Works with Tripp Lite's B126-Series transmitters and receivers to extend an HDMI signal via Cat5e/6 cable to multiple projectors, monitors or televisions in a chain. Ideal for digital signs and trade show presentations.

Description

The B126-110 HDMI over Cat5/Cat6 Active Remote Repeater works with Tripp Lite B126-Series transmitters and receivers to extend an HDMI signal to multiple projectors, monitors or televisions in a chain. 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 repeater uses HDMI cable (see Tripp Lite's P568-Series) to connect to the local monitor and Cat5e/6 cable to transmit to the receiver and/or other remote repeaters in the chain (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series).

The B126-110 can extend a 1080i (60 Hz) signal up to 175-ft. (53.34 m), a 1080p (60 Hz) signal up to 125-ft. (38.1 m) and a 3D signal up to 100 feet. You can connect up to three B126-110 units in the chain for a total of four HDMI displays and full signal extension of 700 feet (1080i), 500 feet (1080p) or 400 feet (3D).

In addition to crystal-clear video, the B126-110 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio when used 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

- Extends a 1080i (60 Hz) signal up to 175-ft. (53.34 m), a 1080p (60 Hz) signal up to 125-ft. (38.1 m) and a 3D signal up to 100-ft. (30.5 m)
- Connect up to 3 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 next link in the chain with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series)

Supports the Latest Video and Audio Resolutions

Highlights

- Extends 1080i (60 Hz) signal up to 175-ft. (53.34 m)
- Connect up to 3 units in a chain for maximum extension
- Supports high-definition video resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound audio
- Plug and play—no software or drivers to install

System Requirements

- HDMI video source and displays

Package Includes

- B126-110 HDMI over Cat5/Cat6 Active Remote Repeater
- Screwdriver for adjusting equalization
- External Power Supply with NEMA 1-15P Plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 2A)
- 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 Tripp Lite's P568-Series
- 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 | 037332168061 |
| Product Type | Transceiver |
| Technology | HDMI; Cat5/5e; Cat6 |
| VIDEO | |
| Max Supported Video Resolution | 1920 x 1080 (1080p @ 60Hz) |
| Max. Distance (Between any 2 Units) | 125 ft. |
| Max Number of Ports (Entire Chain) | 4 |
| Max 720P Range (ft) | 175 |
| Max 1080P Range (ft) | 125 |
| Max 1280 x 720 (720p) Range (ft) | 125 |
| Max 1920 x 1080 (1080p) Range (ft) | 125 |
| Transmitter - Number of Video Outputs | 1 |
| Receiver/Transceiver Video Output | HDMI |
| Receiver - Number of Video Outputs | 1 |
| Recommended Cabling | N202-Series Cat6 Patch Cable |
| Max Supported Color Depth | 24-bit True Color |
| HDR Support | No |
| 3D Video Supported | Yes |

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|--|---|
| Chroma Sub Sampling | 4:4:4 |
| Maximum Signal Range (ft) | 125 |
| Maximum Signal Range (m) | 38 |
| AUDIO | |
| Audio Input | HDMI |
| Audio Output | HDMI |
| Audio Specification | Stereo Audio |
| INPUT | |
| Bus Powered | No |
| POWER | |
| Power Source Type | AC Adapter |
| External Power Supply Plug(s) | NEMA 1-15P North America |
| External Power Supply Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.5A |
| External Power Supply Output Specs (V / A) | 5V / 2A |
| External Power Supply Cord Length (ft.) | 4.5 |
| External Power Supply Cord Length (m.) | 1.37 |
| AC Plug Type | NEMA 1-15P |
| Power Source | Unit (Included) |
| Power Over Cable (PoC) Support | No |
| AC Adapter | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A |
| 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 |
| Included Mounting Accessories | Wallmount |
| Number of Displays | 1 |
| Optional Mounting Accessory Notes | Can DIN Mount using Tripp Lite Bracket B110-DIN-01 |
| Form Factor/Mounting Options | Box; Wall-mount |
| Shipping Dimensions (hwd / in.) | 2.10 x 6.20 x 7.20 |

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|--|---------------------------|
| Shipping Dimensions (hwd / cm) | 5.33 x 15.75 x 18.29 |
| Shipping Weight (lbs.) | 1.08 |
| Shipping Weight (kg) | 0.49 |
| Unit Dimensions (hwd / in.) | 1.100 x 4.500 x 2.500 |
| Unit Dimensions (hwd / cm) | 2.54 x 11.43 x 6.35 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 0.2 |
| 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 | |
| Max 1024 x 768 Range (ft) | 175 |
| Max 480P Range (ft) | 175 |
| Max 1440 x 900 Range (ft) | 175 |
| Max 1080i Range (ft) | 175 |
| Max 480i Range (ft) | 175 |
| Max 640 x 480 Range (ft) | 175 |
| Max 800 x 600 Range (ft) | 175 |
| Max 1600 x 1200 Range (ft) | 175 |
| 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) |
| Side B - Connector 2 | RJ45 (FEMALE) |

| PORT EXPANSION | |
|--------------------------------------|--|
| Daisy-chainable or Cascadable | Daisychainable and Cascadeable |
| FEATURES & SPECIFICATIONS | |
| 10/100 Ethernet Extension Support | No |
| Built-In Equalizer | Yes |
| HDCP Specification | 1.4 |
| Driver Required | No |
| Recommended Category Cable | Cat5/6 |
| 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 |