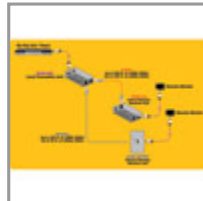


For longer extension distances, use a B126-1A0 or B126-1A0-WP-1 active receiver to: Extend a 1080p (60Hz) signal up to 150 ft. Extend a 1080i (60Hz) signal up to 200 ft. Extend a 3D signal up to 125 ft. For shorter distances, use a B126-1P0 passive receiver to: Extend a 1080p (60Hz) signal up to 50 ft. Extend a 1080i (60Hz) signal up to 100 ft. Further extend the signal range or add more displays by using a Tripp Lite B126-110 Remote Repeater unit to: Add up to three repeaters on each channel of the B126-002 for a total of 4 displays per channel (a receiver should be the last unit in a channel) Extend a 1080p (60Hz) signal up to 125 ft. for each repeater added into a channel Extend a 1080i (60Hz) signal up to 175 ft. for each repeater added into a channel Extend a 3D signal up to 100 ft. for each repeater added into a channel

## 2-Port HDMI over Cat5/6 Extender/Splitter, Box-Style Transmitter for Video/Audio, Up to 150 ft. (45 m), TAA

MODEL NUMBER: **B126-002**



Works with Tripp Lite's B126-Series receivers to split a single HDMI signal into two separate signals, each on a single Cat5e/6 cable, to two projectors, monitors or televisions up to 150 ft. away.

### Description

The B126-002 2-Port HDMI over Cat5/Cat6 Extender/Splitter works with Tripp Lite B126-Series remote receivers to split a single HDMI audio/video signal into two separate signals. It's ideal for digital signs, trade shows, presentations, 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. It uses HDMI cable (see Tripp Lite's P568-Series) to connect to the source and Cat5e/6 cable to transmit to the remote monitors (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series). When used with Tripp Lite's B126-1A0 or B126-1A0-WP-1 active remote receivers, the Extender/Splitter can extend a 1080i (60 Hz) signal up to 200-ft. (60.96 m), a 1080p signal (60 Hz) up to 150-ft. (45.72 m) and a 3D signal up to 125-ft. (38.1 m). With a B126-1P0 or B126-1P0-WP-1 passive remote receiver, it can extend a 1080i (60 Hz) signal up to 100-ft. (30.5 m) and a 1080p (60 Hz) signal up to 50-ft. (15.24 m). Add up to three B126-110 remote repeaters to each channel to fully extend the signal range or add more displays.

In addition to crystal-clear video, the B126-002 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio. 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

### Highlights

- Perfect for digital signs, trade shows and retail settings
- 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

- For international use, a power supply with the appropriate plug type must be purchased separately.

### Package Includes

- B126-002 2-Port HDMI over Cat5/Cat6 Extender/Splitter
- 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



- 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) with each optional Tripp Lite B126-110 remote repeater
- Extends a 1080i (60 Hz) signal up to 200-ft. (60.96 m), a 1080p (60 Hz) signal up to 150-ft. (45.72 m) and a 3D signal up to 125-ft. (38.1 m) with Tripp Lite B126-1A0 or B126-1A0-WP-1 active remote receiver
- Extends a 1080i (60 Hz) signal up to 100-ft. (30.5 m) and a 1080p (60 Hz) signal up to 50-ft. (15.24 m) with Tripp Lite B126-1P0 or B126-1P0-WP-1 passive remote receiver
- Add up to 3 remote repeaters on each channel for maximum signal range
- 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

- 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
- Supports 24-bit True Color (8 bits per channel) and HDCP

#### Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Connects quickly to source with HDMI cable, such as Tripp Lite's P568-Series
- LEDs indicate at a glance when the unit is receiving power and an HDMI signal from the source
- 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                                       | 037332157508                 |
| Product Type                                   | Transceiver                  |
| Technology                                     | HDMI; Cat5/5e; Cat6          |
| VIDEO  |                              |
| Max Supported Video Resolution                 | 1920x1080 (1080p @ 60Hz)     |
| Max 1280 x 720 (720p) Range (ft)               | 150                          |
| Max 1920 x 1080 (1080p) Range (ft)             | 150                          |
| Transmitter Video Input                        | HDMI                         |
| Transmitter - Number of Video Outputs          | 2                            |
| Range Extension using other Tripp Lite product | 175ft @ 1080i 125ft @ 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 @ 1080i/150 ft @ 1080p                         |
| <b>AUDIO</b>                                   |   |
| Audio Input                                    | 3.5mm   |
| Audio Specification                            | Stereo Audio  |
| <b>INPUT</b>                                   |   |
| Bus Powered                                    | No  |
| <b>POWER</b>                                   |   |
| Power Source Type                              | AC Adapter  |
| AC Plug Type                                   | NEMA 1-15P  |
| Power Source                                   | Transmitter end only (Included)                       |
| Power Over Cable (PoC) Support                 | No  |
| AC Adapter                                     | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft. |
| 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  |
| DC Barrel Plug                                 | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve  |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>   |   |
| LED Indicators                                 | Green (Power), Orange (Activity)                      |
| <b>PHYSICAL</b>                                |   |
| Material of Construction                       | Steel   |
| Color  | Black   |
| Included Mounting Accessories                  | Wallmount   |



|  |  |
|--|--|
| Number of Displays                           | 2  |
| Optional Mounting Accessory Notes            | Can DIN Mount using Tripp Lite Bracket &nbsp;<a class="productLink" href="//www.tripplite.com/din-rail-mounting-bracket-for-digital-signage-version-2-B110-DIN-02">B110-DIN-02</a>&nbsp; |
| Form Factor/Mounting Options                 | Box; Wall-mount  |
| Rackmountable                                | Yes  |
| Shipping Dimensions (hwd / cm)               | 5.08 x 17.78 x 16.26   |
| Shipping Dimensions (hwd / in.)              | 2.00 x 7.00 x 6.40   |
| Shipping Weight (kg)                         | 0.41   |
| Shipping Weight (lbs.)                       | 0.90   |
| Unit Dimensions (hwd / in.)                  | 1 x 2.5 x 3.6  |
| 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  |
| <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%, Non-Condensing  |
| <b>COMMUNICATIONS</b>                        |  |
| 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   |
| <b>CONNECTIONS</b>                           |  |
| Number of Ports                              | 2  |
| Side A - Connector 1                         | HDMI (FEMALE)  |
| Side A - Connector 2                         | 3.5MM (FEMALE)   |
| Side B - Connector 1                         | (2) RJ45 (FEMALE)  |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |  |



|                                      |                            |
|--------------------------------------|----------------------------|
| HDPC Specification                   | 1.4                        |
| Driver Required                      | No                         |
| Recommended Category Cable           | Cat5e/Cat6 Cables          |
| 10/100 Ethernet Extension Support    | No                         |
| Built-In Equalizer                   | No                         |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                            |
| Certifications                       | Tested to FCC, RoHS, REACH |
| External Power Supply Certifications | FCC; TUV; PSE; UL; cUL     |
| <b>WARRANTY</b>                      |                            |
| Product Warranty Period (Worldwide)  | 1-year limited warranty    |

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