

#### Tripp Lite 1111 W. 35th Street Chicago, IL 60609 USA Telephone: 773.869.1234 www.tripplite.com

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

## MODEL NUMBER: B126-2A0





Works with Tripp Lite's B126-Series transmitters to receive an HDMI signal via one Cat5e/6 cable and split it to 2 projectors, monitors or televisions. Ideal for digital signs, schools and trade show presentations.

#### Description

The B126-2A0 HDMI over Cat5/Cat6 Active Remote Receiver works with Tripp Lite's B126-002 or B126-004 transmitter to extend an HDMI signal and split it to two projectors, monitors or televisions. 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 Tripp Lite's P568-Series) to connect to the monitors 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 Tripp Lite's N202-Series).

The B126-2A0 can extend 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). You can connect up to three B126-110 remote repeaters in the chain for a maximum of six HDMI displays and full signal extension of 700-ft. (213.36 m) (1080i), 500-ft. (152.4 m) (1080p) or 400-ft. (121.92 m) (3D).

In addition to crystal-clear video, the B126-2A0 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-002 or B126-004 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

### Highlights

- Supports high-definition video resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1channel surround sound audio
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install
- Built-in equalization control lets you adjust monitor image

#### **System Requirements**

#### Package Includes

- B126-2A0 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, 4.5-ft. (1.37 m)
- Mounting hardware
- Owner's Manual



#### **Extends High-Definition Signals**

- Works in tandem with Tripp Lite's B126-002 or B126-004 transmitter unit
- 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)
- 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 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 when paired with a B126-002 or B126-004 transmitter
- 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 monitors with HDMI cable, such as Tripp Lite's 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                       | 037332180728  |  |
| Product Type                   | Receiver  |  |
| AC Adapter                     | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 4.5 ft. |  |
| Technology                     | HDMI; Cat5/5e; Cat6                                     |  |
| VIDEO                          |   |  |
| Max Supported Video Resolution | 1920x1080 (1080p @ 60Hz)                                |  |
| Max 720P Range (ft)            | 200   |  |



Tripp Lite 1111 W. 35th Street Chicago, IL 60609 USA Telephone: 773.869.1234 www.tripplite.com

| Max 1080P Range (ft)                               | 150  |  |
|--|--|--|
|  |  |  |
| 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                 | 2  |  |
| Signal Range (ft)                                  | 150  |  |
| Signal Range (m)                                   | 45.7   |  |
| Range Extension using other Tripp<br>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                                    |  |
| 3D Video Supported                                 | Yes  |  |
| Chroma Sub Sampling                                | 4:4:4  |  |
|  |  |  |
| AUDIO  |  |  |
| Audio Input  | HDMI   |  |
| Audio Output                                       | HDMI   |  |
| Audio Specification                                | Stereo Audio   |  |
| POWER  |  |  |
| Power Source                                       | Unit (Included)                                      |  |
| Power Source Type                                  | AC Adapter   |  |
| AC Plug Type                                       | NEMA 1-15P   |  |
| External Power Supply Input Specs<br>(V / Hz / A)  | 100-240V / 50-60Hz / 0.5A                            |  |
| External Power Supply Output<br>Specs (V / A)      | 5V/2A  |  |
| External Power Supply Cord Length (ft.)            | 4.5  |  |
| External Power Supply Cord Length (m.)             | 1.37   |  |
| External Power Supply DC Barrel<br>Connector Specs | OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve |  |
| External Power Supply Certifications               | FCC; PSE; TUV; RoHS; UL; cUL                         |  |
| USER INTERFACE, ALERTS & CONTROLS                  |  |  |
| LED Indicators                                     | Green (Power), Orange (Activity)                     |  |



| PHYSICAL  |  |  |
|---|--|--|
| Color   | Black  |  |
| Included Mounting Accessories                   | Wallmount  |  |
| Number of Displays                              | 2  |  |
| Optional Mounting Accessory Notes               | Can DIN Mount using Tripp Lite Bracket <a class="productLink" href="//www.tripplite.com/din-rail-mounting-&lt;br&gt;bracket-for-digital-signage-version-2~B110-DIN-02">B110-DIN-02</a> |  |
| Form Factor/Mounting Options                    | Box; Wall-mount  |  |
| Shipping Dimensions (hwd / cm)                  | 5.59 x 16.00 x 18.29   |  |
| Shipping Dimensions (hwd / in.)                 | 2.20 x 6.30 x 7.20   |  |
| Shipping Weight (kg)                            | 0.54   |  |
| Shipping Weight (lbs.)                          | 1.20   |  |
| Unit Dimensions (hwd / cm)                      | 2.54 x 6.35 x 9.14   |  |
| Unit Dimensions (hwd / in.)                     | 1 x 2.5 x 3.6  |  |
| Unit Packaging Type                             | Box  |  |
| Unit Weight (kg)                                | 0.09   |  |
| Unit Weight (Ibs.)                              | 0.2  |  |
| 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)                       | 200  |  |
| Max 480P Range (ft)                             | 200  |  |
| Max 1440 x 900 Range (ft)                       | 200  |  |
| Max 1080i Range (ft)                            | 200  |  |
| Max 480i Range (ft)                             | 200  |  |
| Max 640 x 480 Range (ft)                        | 200  |  |
| Max 800 x 600 Range (ft)                        | 200  |  |
| Max 1600 x 1200 Range (ft)                      | 200  |  |
| EDID Compatible                                 | Yes  |  |
| Consumer Electronics Control (CEC)<br>Supported | Yes  |  |
| USB Extension Support                           | No   |  |



| CONNECTIONS                            |                            |  |
|--|----------------------------|--|
| Ports                                  | 2                          |  |
| Side A - Connector 1                   | RJ45 (FEMALE)              |  |
| Side B - Connector 1                   | (2) HDMI (FEMALE)          |  |
| FEATURES & SPECIFICATIONS              |                            |  |
| HDCP Specification                     | 1.4                        |  |
| Driver Required                        | No                         |  |
| Built-In Equalizer                     | Yes                        |  |
| STANDARDS & COMPLIANCE                 |                            |  |
| Certifications                         | Tested to FCC, RoHS, REACH |  |
| WARRANTY                               |                            |  |
| Product Warranty Period<br>(Worldwide) | 1-year limited warranty    |  |

© 2021 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: https://www.tripplite.com/products/product-certification-agencies