

## HDMI over Cat5/6 Extender, Wall Plate Remote Receiver for Video/Audio, Up to 150 ft. (45 m), TAA

MODEL NUMBER: **B126-1A0-WP-1**



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-WP-1 HDMI over Cat5/Cat6 Active Remote Receiver works with Tripp Lite's B126-002 or B126-004 transmitter 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 Tripp Lite's 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 Tripp Lite's N202-Series). No 110 punchdown connection is required.

The B126-1A0-WP-1 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 total of four 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 B126-1A0-WP-1 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 using the included hardware.

### Features

### Highlights

- 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
- Built-in equalization control lets you adjust monitor image

### System Requirements

### Package Includes

- B126-1A0-WP-1 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



#### 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)
- No 110 punchdown connection required

#### 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 local monitor 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

#### TAA-Compliant

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

## Specifications

OVERVIEW	
UPC Code	037332162830
Product Type	Receiver
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
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
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
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 Output	HDMI
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	Receiver end only (Included)
Power Over Cable (PoC) Support	No
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
External Power Supply DC Barrel 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
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Green (Power), Orange (Activity)
<b>PHYSICAL</b>	
Color	Black
Material of Construction	Steel
Number of Displays	1



Form Factor/Mounting Options	Wallplate
Rackmountable	No
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)	0.32
Shipping Weight (lbs.)	0.70
Unit Dimensions (hwd / cm)	4 x 11.5 x 7
Unit Dimensions (hwd / in.)	1.5 x 4.5 x 2.8
Unit Packaging Type	Box
Unit Weight (kg)	0.12
Unit Weight (lbs.)	0.26
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>	
Ports	1
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables



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10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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