

## HDMI over Cat5/6 Active Extender Kit, Wallplate Transmitter & Receiver for Video and Audio, 1080p @60Hz up to 150 ft., TAA

MODEL NUMBER: B126-1A1-WP



Transmitter and receiver work in tandem 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 B126-1A1-WP HDMI over Cat5/Cat6 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend an HDMI signal to a projector, monitor or television. The kit is 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.

HDMI cable (see Tripp Lite's P568-Series) connects a monitor to the receiver and the video source to the transmitter. Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series) connects the two units. No 110 punchdown connection is required.

The B126-1A1-WP can extend a 1080i (60 Hz) signal up to 200 feet, a 1080p (60 Hz) signal up to 150 feet and a 3D signal up to 125 feet. You can also connect up to three B126-110 remote repeaters in the chain (using Cat5e/6 cable) for a total of five HDMI displays and full signal extension of 700 feet (1080i), 500 feet (1080p) or 400 feet (3D).

In addition to crystal-clear video, the B126-1A1-WP delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio. 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

#### Extends High-Definition Signals

### 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 fine-tune image quality

### System Requirements

#### Package Includes

- Transmitter unit
- Receiver unit
- Screwdriver for adjusting equalization
- (2) External Power Supplies with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A)
- Mounting hardware
- Owner's Manual



- Extends a 1080i (60 Hz) signal up to 200 ft., a 1080p (60 Hz) signal up to 150 ft. and a 3D signal up to 125 ft.
- Connect up to 3 B126-110 remote repeaters to the chain for maximum signal range of 700 feet (1080i), 500 feet (1080p) and 400 feet (3D)
- Transmitter and receiver connect 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
- 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
- Units connect quickly to source and display 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	037332168078
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
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 Plug(s)	NEMA 1-15P North America
External Power Supply Certifications	FCC; RoHS; UL; cUL
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Green (Power), Orange (Activity), Blue (Audio)
<b>PHYSICAL</b>	
Color	White
Included Mounting Accessories	Yes
Material of Construction	SECC
Rackmountable	No
Receiver Unit Dimensions (hwd / cm.)	2.6 x 9.2 x 6.4
Receiver Unit Dimensions (hwd / in.)	1 x 3.6 x 2.5
Receiver Unit Weight (kg)	0.09
Receiver Unit Weight (lbs.)	0.2
Shipping Dimensions (hwd / cm)	0.64 x 12.70 x 26.92
Shipping Dimensions (hwd / in.)	0.25 x 5.00 x 10.60
Shipping Weight (kg)	0.14
Shipping Weight (lbs.)	0.30
Transmitter Unit Dimensions (hwd / cm.)	2.6 x 9.2 x 6.4
Transmitter Unit Dimensions (hwd / in.)	1 x 3.6 x 2.5
Transmitter Unit Weight (kg)	0.09
Transmitter Unit Weight (lbs.)	0.2
Unit Packaging Type	Box
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	14 to 167 F (-10 to 75 C)
Storage Temperature Range	-4 to 176 F (-20 to 80 C)
Relative Humidity	0% to 85%, Non-Condensing
<b>COMMUNICATIONS</b>	
Signal Range (ft.)	200



Signal Range (m)	61
<b>CONNECTIONS</b>	
Side A - Connector 1	HDMI (FEMALE); RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE); RJ45 (FEMALE)
Connector Plating	Nickel
<b>FEATURES &amp; SPECIFICATIONS</b>	
Max Supported Video Resolution	1080p @60Hz
HDMI Specification	1.4
HDCP Specification	1.4
Audio Specification	7.1 Channel Surround Sound (Multi-Channel or PCM)
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
Max Supported Color Depth	24-bit True Color
3D Video Supported	Yes
Technology	HDMI
<b>CERTIFICATIONS</b>	
Certifications	Tested to FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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