

## HDMI over Cat5/6 Active Extender Kit, Wall Plate Transmitter/Receiver for Video/Audio, Up to 150 ft. (45 m), 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-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 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-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 B126-1A1-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. (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)
- 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
Product Type	Extender Kit
Technology	HDMI; Cat5/5e; Cat6
VIDEO	
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Recommended Cabling	Cat5/Cat5e/Cat6 Cables
Max Supported Color Depth	24-bit True Color
HDR Support	No
3D Video Supported	Yes
Maximum Signal Range (ft)	150
Maximum Signal Range (m)	46
AUDIO	

Audio Specification	7.1 Channel Surround Sound (Multi-Channel or PCM)
<b>INPUT</b>	
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50-60Hz / 0.5A
AC Power Adapter Output Specs (V / A)	5V/2A
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.37
Bus Powered	No
<b>POWER</b>	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
Power Source	Transmitter and Receiver (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
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Green (Power), Orange (Activity), Blue (Audio)
<b>PHYSICAL</b>	
Color	White
Material of Construction	Steel
Number of Displays	1
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 / in.)	0.25 x 5.00 x 10.60
Shipping Dimensions (hwd / cm)	0.64 x 12.70 x 26.92
Shipping Weight (lbs.)	0.30
Shipping Weight (kg)	0.14
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 Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Packaging Type	Box
Housing	Metal
<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
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
USB Extension Support	No
<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>	
10/100 Ethernet Extension Support	No
Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	FCC; RoHS; UL; cUL
<b>WARRANTY &amp; SUPPORT</b>	



1000 Eaton Boulevard  
Cleveland, OH 44122  
United States

Product Warranty Period (Worldwide)	1-year limited warranty
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