

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

MODEL NUMBER: B126-1A1



Transmitter and receiver combo kit extends a 1080p HDMI signal via Cat5e/6 cable to a hi-def display up to 150 ft. away.

### Features

#### HDMI Extender Recommended for Displaying Video in Boardrooms and Conference Rooms

This complete HDMI transmitter and receiver system is recommended for digital signage and presentations in conference rooms, trade shows, home theaters, bars, restaurants, schools and other video applications. The B126-1A1 extends 1080p video and stereo audio signals from an HDMI source device to an HDMI display up to 150 feet (45 meters) away. Connect the receiver to the display and the transmitter to the source with user-supplied HDMI cables. User-supplied Cat5e/6 cabling connects the two units.

#### Transmits Crystal-Clear 1080p Video for High-Definition Presentations

The B126-1A1 supports high-def video resolutions up to 1920 x 1080 (1080p) at 60 Hz with 24-bit Deep Color (8 bits per channel) and 7.1-channel surround sound (multi-channel or PCM). It can extend a 1080i (60 Hz) signal up to 200 feet (61 meters), a 1080p (60 Hz) signal up to 150 feet (45.7 meters) and a 3D signal up to 125 feet (38.1 meters). 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 (213.4 meters) (1080i), 500 feet (152.4 meters) (1080p) or 400 feet (122 meters) (3D).

#### Plug-and-Play Operation for Quick Setup and Immediate Use

The HDMI audio/video transmitter and receiver set works right out of the box with no software required. Mounting hardware is included for installing the units on a wall or pole or inside a rack. Power supplies for the transmitter and receiver are included. Built-in equalization control allows manual adjustment of the local display's image.

#### TAA-Compliant for GSA Schedule Purchases

The B126-1A1 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

## Specifications

### OVERVIEW

### Highlights

- Display HDMI audio/video up to 150 ft. (45 m) away with no costly cable installation
- Supports HD resolutions up to 1920 x 1080 (1080p) @ 60 Hz
- Extra HDMI port on local transmitter lets you monitor image on remote display
- Plug-and-play operation with no software required for easy, immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### System Requirements

- Source device with HDMI output (Blu-ray player, media server, laptop)
- Display device with HDMI input (HDTV, projector, monitor)
- 2 HDMI cables, including Eaton P568-Series
- 24 AWG solid-wire Cat5e/6 cable, including Eaton N202-Series

### Package Includes

- Transmitter
- Receiver
- (2) External power supplies with 5 ft. (1.5 m) cord and NEMA 1-15P plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V 2A)
- Screwdriver for adjusting equalization
- Mounting hardware
- Owner's manual



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TRIPP LITE  
SERIES

UPC Code	037332158925
Product Type	Extender Kit
Technology	HDMI; Cat5/5e; Cat6
<b>VIDEO</b>	
Video Input	HDMI (FEMALE)
Video Output	HDMI (FEMALE)
Max Supported Video Resolution	1920 x 1080 (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	1
Transmitter - Local Display Output	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Range Extension using other Tripp Lite product	175 ft. @ 1080i 125 ft. @ 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	HDMI; 3.5mm
Audio Output	HDMI
Audio Specification	Stereo Audio
<b>INPUT</b>	
AC Power Adapter Plug(s)	NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A
AC Power Adapter Output Specs (V / A)	5V / 2A



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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, 5 ft.
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
<b>CONNECTIONS</b>	
Side A - Connector 1	(2) HDMI (FEMALE); RJ45 (FEMALE)
Side A - Connector 2	3.5MM (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B126-110
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	TX & RX: Green (Power), Orange (Activity)
<b>PHYSICAL</b>	
Color	Black
Material of Construction	Steel
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket <a href="https://triplite.eaton.com/din-rail-mounting-bracket-for-digital-signage-version-2-B110-DIN-02">B110-DIN-02</a>
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	Yes
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.)	2.20 x 6.20 x 8.30
Shipping Dimensions (hwd / cm)	5.59 x 15.75 x 21.08



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Shipping Weight (lbs.)	1.70
Shipping Weight (kg)	0.77
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
Mounting Details	Wallmount
<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>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	FCC; PSE; TUV;RoHS; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	



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Product Warranty Period (Worldwide)	1-year limited warranty
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