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

MODEL NUMBER: **B126-1A0**

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 HDMI over Cat5/Cat6 Active Remote Receiver works with a B126-002 or B126-004 transmitter (sold separately) 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 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 N202-Series).

The B126-1A0 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 connect up to three B126-110 remote repeaters in the chain for a total of four 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).

In addition to crystal-clear video, the B126-1A0 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-Series 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

Extends High-Definition Signals
- Works in tandem with B126-002 or B126-004 transmitter unit

- Extends a 1080i (60 Hz) signal up to 200-ft. (61 m), a 1080p (60 Hz) signal up to 150-ft. (45.7 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 N202-Series)

Supports the Latest Video and Audio Resolutions
- Works with all operating systems and HDMI video sources

Highlights

- Works in tandem with B126-002 or B126-004 transmitter unit
- 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

System Requirements

Package Includes

- B126-1A0 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

- Supports HD resolutions up to 1080p (60 Hz)

- Supports stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with B126-002 or B126-004 transmitter unit

- 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 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 pol**e**

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

Specifications

OVERVIEW	
UPC Code	037332157485
Product Type	Receiver
Technology	HDMI; Cat5/5e; Cat6

VIDEO	
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
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 @ 1080i150 ft @ 1080p

AUDIO	
Audio Output	HDMI
Audio Specification	Stereo Audio

INPUT	
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
AC Power Adapter Cord Length (ft.)	4.5
AC Power Adapter Cord Length (m)	1.37
Bus Powered	No

POWER	
Power Source Type	AC Adapter
AC Plug Type	NEMA 1-15P
Power Source	Receiver end only (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

CONNECTIONS	
Number of Ports	1
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B126-110

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)

PHYSICAL	
Color	Black
Material of Construction	Steel
Number of Displays	1
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket B110-DIN-02
Form Factor/Mounting Options	Box; Wall-mount

Rackmountable	Yes
Shipping Dimensions (hwd / in.)	2.20 x 7.25 x 6.50
Shipping Dimensions (hwd / cm)	5.59 x 18.42 x 16.51
Shipping Weight (lbs.)	0.99
Shipping Weight (kg)	0.45
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Dimensions (hwd / cm)	2.54 x 6.35 x 9.14
Unit Packaging Type	Box
Unit Weight (lbs.)	0.19
Unit Weight (kg)	0.09
Housing	Metal
Mounting Details	Wallmount

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	0-85% non-condensing

COMMUNICATIONS

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

FEATURES & SPECIFICATIONS

10/100 Ethernet Extension Support	No
Built-In Equalizer	Yes
HDCP Specification	1.4
Driver Required	No
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables

STANDARDS & COMPLIANCE

External Power Supply Certifications	FCC; PSE; TUV;RoHS; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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