

HDMI over Cat5/6 Extender Kit, Box-Style Transmitter/Receiver for Video/Audio, PoC, Up to 125 ft.

MODEL NUMBER: B126-1A1-POC



Transmitter and receiver work in tandem to extend an HDMI signal via Cat5e/6/6a cable to a projector, monitor or television up to 125 ft. away. Ideal for digital signs, classrooms, churches, offices and retail settings.

Description

The B126-1A1-POC HDMI over Cat5 Active Extender Kit includes a transmitter unit and a receiver unit that work in tandem to extend an HDMI audio/video signal to a projector, monitor or television. The kit is ideal for digital signs, trade shows, classrooms, churches, offices, retail settings and other applications where the source is located farther than conventional cables allow.

HDMI cable (see Tripp Lite's P569-Series) connects an optional local display and the audio/video source, such as a Blu-ray™ player, to the transmitter's HDMI ports and a remote display to the receiver. Cat5e/6/6a cable connects the two units (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series). Built-in Power over Cable (PoC) technology powers the receiver over Cat5e/6/6a cable, so no external power supply on the display side is needed.

The B126-1A1-POC can extend a high-definition 1080p (@ 60 Hz) signal up to 125 feet. In addition to crystal-clear video, the B126-1A1-POC delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM). Built-in equalization control lets you fine-tune the image quality at the remote display. Supports 24-bit True Color (8 bits per channel) and HDCP. Easy to set up with no software or drivers to install. Mounts to a wall, rack or pole using the included hardware. Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Extends High-Definition Signals

- Extends a 1080p (@ 60 Hz) signal up to 125 ft.
- Transmitter and receiver connect with one Cat5e/6/6a cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series)
- Supports stereo and 7.1-channel surround sound (multi-channel or PCM) audio

Highlights

- Built-in Power over Cable (PoC) technology powers the receiver
- Supports high-definition video resolutions up to 1080p (@ 60 Hz)
- Supports stereo and 7.1-channel surround sound audio
- Built-in equalization control lets you adjust monitor image
- Plug and play—no software or drivers to install

System Requirements

Package Includes

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



- 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
- Works with all operating systems and HDMI video sources
- Units connect quickly to monitors with HDMI cable, such as Tripp Lite's P569-Series
- LEDs indicate at a glance when the units are receiving power and an HDMI signal
- Included mounting hardware lets you install the units on a wall, rack or pole

TAA Compliant

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

Specifications

OVERVIEW	
UPC Code	037332193117
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
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
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)
PHYSICAL	
Color	Black
Included Mounting Accessories	Yes



Material of Construction	Steel
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 / cm)	5.51 x 21.41 x 16.41
Shipping Dimensions (hwd / in.)	2.17 x 8.43 x 6.46
Shipping Weight (kg)	0.65
Shipping Weight (lbs.)	1.43
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
ENVIRONMENTAL	
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
COMMUNICATIONS	
Signal Range (ft.)	125
Signal Range (m)	38
CONNECTIONS	
Side A - Connector 1	(2) HDMI (FEMALE)
Side A - Connector 2	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Side B - Connector 2	RJ45 (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
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
Power Over Cable (PoC) Support	Yes
3D Video Supported	Yes
Technology	HDMI
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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