

## 2-Port HDMI over Cat5/6 Extender Kit, Box-Style Transmitter, 2 Mini Receivers, PoC, Up to 100 ft. (30 m), TAA

MODEL NUMBER: **B126-2P2M-POC**



2-port transmitter and dual receivers extend an HDMI signal via Cat5e/6/6a cable to 2 projectors, monitors or TVs up to 100 ft. away. Recommended for digital signs, classrooms, churches, offices and retail settings.

### Description

The B126-2P2M-POC 2-Port HDMI over Cat5/Cat6 Extender Kit includes a two-port transmitter and two low-profile receivers that work in tandem to extend an HDMI audio/video signal to two projectors, monitors or televisions. The kit is recommended 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 (P568-Series) connects the audio/video source, such as a Blu-ray player, to the transmitter's HDMI port. Cat5e/6/6a cable connects the transmitter to the receivers' RJ45 ports (for best results, use 24 AWG solid-wire Cat6 cable, such as N202-Series). The receivers plug directly into the displays' HDMI input ports. Built-in PoC technology powers the receivers over Cat5e/6/6a cable, so no external power supply on the display side is needed.

The B126-2P2M-POC can extend a high-definition 1080p (at 60 Hz) signal up to 50 feet (15.2 meters) and a 1080i signal up to 100 feet (30.5 meters). In addition to crystal-clear video, the B126-2P2M-POC delivers full, rich audio up to 7.1-channel surround sound (multi-channel or PCM) and supports 3D and HDCP standards. Easy to set up with no software or drivers to install. Transmitter mounts to a wall, rack or pole using the included hardware. Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

### Features

#### Splits and Extends High-Definition HDMI Audio/Video Signals

- 2-port transmitter extends HDMI A/V signal to 2 low-profile receivers
- Recommended for digital signs, trade shows, classrooms, churches, offices, retail settings and other HDMI A/V applications
- Extends a 1080p (@ 60 Hz) signal up to 50-ft. (15.2 m) from source
- Extends a 1080i signal up to 100-ft. (30.5 m) from source
- Supports 7.1-channel surround sound (multi-channel or PCM) audio
- HDCP and 3D compliant

#### Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install

### Highlights

- Built-in Power over Cable (PoC) technology powers the receiver
- Supports high-definition video resolutions up to 1080p (@ 60 Hz)
- Supports 7.1-channel surround sound audio
- HDCP and 3D compliant
- Plug and play—no software or drivers to install

### System Requirements

- Source device with HDMI output
- Display device(s) with HDMI input

### Package Includes

- Transmitter unit
- (2) Receiver units
- (2) USB Micro-B cables, 1-ft. (0.31 m)
- External power supply w/NEMA 1-15P plug and 5-ft. (1.52 m) cord (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 2A)
- Mounting hardware
- Owner's manual



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- Transmitter connects to source using HDMI cable, such as P568-Series
- Transmitter and receivers connect with Cat5e/6/6a cable (for best results, use N202-Series)
- LEDs indicate when units are receiving power or an HDMI signal
- Mounting hardware included for installing transmitter on a wall, rack or pole

#### TAA-Compliant

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

## Specifications

OVERVIEW	
UPC Code	037332201133
Product Type	Splitter; Extender Kit
Technology	HDMI; Cat5/5e; Cat6; POC
Host Connector	HDMI (FEMALE)
VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p) @ 60Hz
Max 1280 x 720 (720p) Range (ft)	50
Max 1920 x 1080 (1080p) Range (ft)	50
Transmitter Video Input	HDMI
Transmitter - Number of Video Outputs	2
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)	50
Maximum Signal Range (m)	15
AUDIO	
Audio Input	HDMI
Audio Output	HDMI



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Audio Specification	7.1 Channel Surround Sound
<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
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 (Included) and Receiver (Included but Optional)
Power Over Cable (PoC) Support	Yes
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
<b>CONNECTIONS</b>	
Number of Ports	2
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(2) RJ45 (FEMALE)
Side A - Connector 3	3.5MM (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)
Side B - Connector 2	(2) HDMI (MALE)
Side B - Connector 3	(2) MICRO-USB B (FEMALE)
Connector Plating	Nickel
Input x Output	1 x 2
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B126-110
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Green (Power), Orange (Activity)
<b>PHYSICAL</b>	
Color	Black
Cable Length (ft.)	0
Cable Length (m)	0.00



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Number of Displays	2
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket <a href="http://tripplite.eaton.com/din-rail-mounting-bracket-for-digital-signage-version-2~B110-DIN-02">B110-DIN-02</a>
Form Factor/Mounting Options	Box; Pigtail; Wall-mount
Rackmountable	No
Receiver Unit Dimensions (hwd / in.)	1.52 x 0.85 x 0.81
Receiver Unit Weight (lbs.)	0.03
Shipping Dimensions (hwd / in.)	2.00 x 7.00 x 6.40
Shipping Dimensions (hwd / cm)	5.08 x 17.78 x 16.26
Shipping Weight (lbs.)	1.10
Shipping Weight (kg)	0.50
Transmitter Unit Dimensions (hwd / in.)	1 x 2.5 x 3.6
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>	
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
MST Support	No
Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No



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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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