



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

MODEL NUMBER: B126-004







Works with Tripp Lite's B126-Series receivers to split a single HDMI signal into five separate signals (one local and four remote), each on one cable, to five projectors, monitors or televisions in a chain.

#### **Description**

The B126-004 4-Port HDMI over Cat5/Cat6 Extender/Splitter works with B126-Series remote receivers to split a single HDMI audio/video signal into five separate signals—one local and four remote. It's ideal for digital signs, trade shows, presentations, 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. It uses HDMI cable (see P568-Series) to connect to the source and the local monitor and Cat5e/6 cable to transmit to the remote monitors (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as N202-Series).

When used with B126-1A0 or B126-1A0-WP-1 active remote receivers, the Extender/Splitter can extend a 1080i (60 Hz) signal up to 200 feet (61 meters), a 1080p signal (60 Hz) up to 150 feet (45.7 meters) and a 3D signal up to 125 feet (38.1 meters). With a B126-1P0 or B126-1P0-WP-1 passive remote receiver, it can extend a 1080i (60 Hz) signal up to 100 feet (30.5 meters) and a 1080p (60 Hz) signal up to 50 feet (15.2 meters). By daisy-chaining up to three Extender/Splitters, one video source can transmit to as many as 13 monitors—one local and 12 remote. Add up to three B126-110 remote repeaters to each channel to fully extend the signal range or add more displays.

In addition to crystal-clear video, the B126-004 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio. Easy to set up with no software or drivers to install. Mounts to a wall, rack or pole using the included hardware. Included HDMI cable with latching connectors provides a more secure connection.

### **Features**

# Extends High-Definition Signals

- Extends a 1080i (60 Hz) signal up to 175-ft. (53.3 m), a 1080p (60 Hz) signal up to 125-ft. (38.1 m) and a 3D signal up to 100-ft. (30.5 m) with each optional B126-110 remote repeater
- 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) with B126-1A0 or B126-1A0-WP-1 active remote receiver
- Extends a 1080i (60 Hz) signal up to 100-ft. (30.5 m) and a 1080p (60 Hz) signal up to 50-ft. (15.2 m) with B126-1P0 or B126-1P0-WP-1 passive remote receiver
- Add up to 3 remote repeaters on each channel for maximum signal range
- Daisy-chain up to 3 units to extend the original signal to as many as 13 display monitors (1 local, 12 remote)
- Connects to next link in the chain with one Cat5e/6 cable (for best results, use 24 AWG solid-wire

## **Highlights**

- Perfect for digital signs, trade shows and classrooms
- Can daisy-chain up to 3 units to extend signal to 13 monitors
- Works with all operating systems and HDMI video sources
- Supports stereo and 7.1channel surround sound audio
- Includes an HDMI cable with latching connectors for a more secure connection
- Plug and play—no software or drivers to install

## **System Requirements**

## **Package Includes**

- B126-004 4-Port HDMI over Cat5/Cat6 Extender/Splitter
- HDMI daisy-chain cable with latching connectors, 12 in.
- External Power Supply (Input: 100-240V, 50/60 Hz, 1.0A; Output: 5V, 3A, 5-ft. (1.52 m)
- Mounting hardware
- Owner's Manual





Cat5e/6 cable, such as N202-Series)

#### 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

## Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Connects quickly to source and local monitor with HDMI cable, such as P568-Series
- LEDs indicate at a glance when the unit is receiving power and an HDMI signal from the source
- Included mounting hardware lets you install the unit on a wall, rack or pole
- Included HDMI cable with latching connectors provides a more secure conntection
- Mount up to 3 units in 1U of rack space using a B132-004-RB rack-mount bracket

#### **TAA-Compliant**

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

# **Specifications**

OVERVIEW		
UPC Code	037332157515	
Product Type	Splitter; Extender Kit	
Technology	HDMI; Cat5/5e; Cat6	
Host Connector	HDMI (FEMALE)	
VIDEO		
Max Supported Video Resolution	1920 x 1080 (1080p) @ 60Hz	
Max. Distance (Between any 2 Units)	16 ft. (5m)	
Max Number of Ports (Entire Chain)	12	
Max 1280 x 720 (720p) Range (ft)	150	
Max 1920 x 1080 (1080p) Range (ft)	150	
Transmitter Video Input	НДМІ	
Transmitter - Number of Video Outputs	4	
Transmitter - Local Display Output	HDMI	
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 Input	3.5mm
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 / 1.0A
AC Power Adapter Output Specs (V / A)	5V / 3A
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	Transmitter 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	4
Side A - Connector 1	(2) HDMI (FEMALE)
Side A - Connector 2	3.5MM (FEMALE)
Side B - Connector 1	(4) RJ45 (FEMALE)
Input x Output	1 x 4
Daisy-chainable / Cascadable	Yes





Daisy-chainable / Cascadable Details	Up to 3 Units	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	Green (Power), Orange (Activity)	
PHYSICAL		
Color	Black	
Material of Construction	Steel	
Cable Length (ft.)	0	
Cable Length (m)	0.00	
Number of Displays	4	
Optional Mounting Accessory Notes	Up to three transmitters local units can be mounted in 1U of rack space using a Tripp Lite B132-004-RB Extender/Splitter 19in rackmount bracket. Can DIN Mount using Tripp Lite Bracket &hbsp <a class="productLink" href="//tripplite.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; Rackmount	
Rackmountable	Yes	
Shipping Dimensions (hwd / in.)	2.00 x 8.30 x 6.40	
Shipping Dimensions (hwd / cm)	5.08 x 21.08 x 16.26	
Shipping Weight (lbs.)	1.70	
Shipping Weight (kg)	0.77	
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000	
Unit Dimensions (hwd / cm)	2.86 x 12.7 x 10.16	
Unit Packaging Type	Вох	
Unit Weight (lbs.)	0.2	
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	





No		
Yes		
No		
Daisy chainable		
No		
No		
No		
1.4		
No		
Cat5/Cat5e/Cat6 Cables		
STANDARDS & COMPLIANCE		
FCC; PSE; TUV; UL; cUL		
RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)		
WARRANTY & SUPPORT		
1-year limited warranty		

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