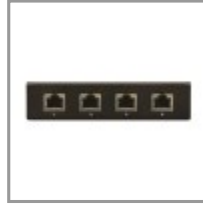# 4-Port HDMI over Cat5/6 Extender/Splitter, Box-Style Transmitter for Video/Audio, Up to 150 ft. (45 m), TAA

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 7.1-channel 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	HDMI
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
Included Mounting Accessories	Wallmount
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 B110-DIN-02 .
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	Box
Unit Weight (lbs.)	0.2
Unit Weight (kg)	0.09
Housing	Metal

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% to 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

PORT EXPANSION	
Daisy-chainable or Cascadable	Daisy chainable

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

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

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