

4 x 4 HDMI over Cat5/6 Matrix Splitter Switch, Box-Style Transmitter for Video/Audio, Up to 175 ft. (53 m), TAA

MODEL NUMBER: **B126-4X4**



Works with Tripp Lite's B126-Series receivers to share multiple HDMI sources between multiple monitors, each on a single Cat5e/6 cable, up to 175 ft. away. Ideal for digital signs, trade shows, retail and presentations.

Description

The B126-4X4 4-port HDMI over Cat5/Cat6 Matrix Splitter Switch works with compatible remote receivers to share one or more HDMI sources between multiple projectors, monitors or televisions. It's ideal for digital signs, trade shows, presentations, retail and other applications where the video sources are located farther than conventional cables allow or that require multiple displays connected to one source.

It uses HDMI cable (see the P568-Series) to connect to the sources and Cat5e/6 cable to transmit to the remote monitors (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as the N202-Series). Any video source can be routed to any monitor, or you can send the same source to multiple monitors. Switch between inputs via push buttons, RS-232 serial or the included remote control.

When used with a B126-1A0 or B126-1A0-WP-1 active remote receiver, the switch can extend a 1080i (60 Hz) signal up to 175 feet (53.3 meters) or a 1080p signal (60 Hz) 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 75 feet (22.9 meters) and a 1080p (60 Hz) signal up to 50 feet (15.2 meters). 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 B126-4X4 delivers full, rich stereo. 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

- Extends a 1080i (60 Hz) signal up to 175-ft. (53.3 m) and a 1080p (60 Hz) signal up to 125-ft. (38.1 m) with each optional B126-110 remote repeater
- Extends a 1080i (60 Hz) signal up to 175-ft. (53.3 m) and a 1080p (60 Hz) 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 75-ft. (22.9 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
- Connects to next 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

Highlights

- Routes any source to any display or same source to multiple displays
- Supports high-definition video resolutions up to 1080p (60 Hz)
- Switches inputs via button, remote control or RS-232 serial
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install

System Requirements

Package Includes

- B126-4X4 4 x 4 HDMI over Cat5/Cat6 Matrix Splitter Switch
- 3.5 mm to DB9 adapter cable (serial)
- IR extension cable, 5-ft. (1.52 m)
- Remote control
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 3A, 4.5 ft. (1.37 m))
- Mounting hardware
- Owner's Manual



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- Works with all operating systems and HDMI video sources
- Supports HD resolutions up to 1080p (60 Hz)
- Supports stereo audio
- Supports 24-bit True Color (8 bits per channel) and HDCP

Easy to Set Up and Use

- Route any video display to any monitor, or route the same display to multiple monitors
- Plug-and-play engineering—no software or drivers to download and install
- Connects quickly to sources with HDMI cable, such as P568-Series
- Included IR extension cable used to extend remote control range
- 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 units on a wall, rack or pole

TAA-Compliant

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

Specifications

OVERVIEW	
UPC Code	037332180193
Product Type	Matrix Switch
Technology	HDMI; IR; Cat5/5e; Cat6
Host Connector	(4) HDMI (FEMALE)
VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p @ 60Hz)
Max 720P Range (ft)	175
Max 1080P Range (ft)	125
Max 1280 x 720 (720p) Range (ft)	125
Max 1920 x 1080 (1080p) Range (ft)	125
Transmitter Video Input	HDMI
Transmitter - Number of Video Outputs	4
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



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Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	175
Maximum Signal Range (m)	53
AUDIO	
Audio Input	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 / 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	Unit (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 3A, 4.5 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	(4) HDMI (FEMALE)
Side B - Connector 1	(4) RJ45 (FEMALE)
Input x Output	4 x 4
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Requires B126-110
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Source A, B, C, D (Orange), Output 1, 2, 3, 4 (Green); RJ45: Green (Connection), Orange (Activity)
PHYSICAL	
Color	Black



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Cable Length (ft.)	0
Cable Length (m)	0.00
Number of Displays	4
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 6.20 x 13.60
Shipping Dimensions (hwd / cm)	5.59 x 15.75 x 34.54
Shipping Weight (lbs.)	2.10
Shipping Weight (kg)	0.95
Unit Dimensions (hwd / in.)	1.200 x 9.200 x 3.900
Unit Dimensions (hwd / cm)	3.05 x 14.99 x 9.91
Unit Packaging Type	Box
Unit Weight (lbs.)	0.6
Unit Weight (kg)	0.27
Housing	Metal
Mounting Details	Wallmount
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	32° to 104°F (0° to 40°C)
Relative Humidity	0-85% non-condensing
COMMUNICATIONS	
Max 1024 x 768 Range (ft)	175
Max 480P Range (ft)	175
Max 1440 x 900 Range (ft)	175
Max 1080i Range (ft)	175
Max 480i Range (ft)	175
Max 640 x 480 Range (ft)	175
Max 800 x 600 Range (ft)	175
Max 1600 x 1200 Range (ft)	175
EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	Yes



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USB Extension Support	No
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
MST Support	No
Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No
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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