

## 2 x 2 HDMI over Cat5/6 Matrix Splitter Switch, Box-Style Transmitter for Video/Audio, Up to 125 ft. (38 m), TAA

MODEL NUMBER: **B126-2X2**



Works with Tripp Lite's 126-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 B126-2X2 2-port HDMI over Cat5/Cat6 Matrix Splitter Switch works with Tripp Lite 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 Tripp Lite's 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 Tripp Lite's 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 pushbuttons, RS-232 serial or the included remote control.

When used with Tripp Lite's B126-1A0 or B126-1A0-WP-1 active remote receivers, the switch can extend a 1080i (60 Hz) signal up to 175-ft. (53.34 m) or a 1080p signal (60 Hz) up to 125-ft. (38.1 m). With a B126-1P0 or B126-1P0-WP-1 passive remote receiver, it can extend a 1080i (60 Hz) signal up to 75-ft. (22.86 m) and a 1080p (60 Hz) signal up to 50-ft. (15.24 m). 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 B126-2X2 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. (53.34 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. (53.34 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. (22.86 m) and a 1080p (60 Hz) signal up to 50-ft. (15.24 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 Tripp Lite's N202-Series)

### 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

- B126-2X2 2 x 2 HDMI over Cat5/Cat6 Matrix Splitter Switch
- 3.5 mm to DB9 adapter cable (serial)
- Remote control
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.5A; Output: 5V, 2A, 4.5 ft. (1.37 m))
- Mounting hardware
- Owner's Manual

**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 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 Tripp Lite's 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 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	037332180209
Product Type	Transceiver
Technology	HDMI; IR; Cat5/5e; Cat6
Host Connector	(2) HDMI (FEMALE)
VIDEO	
Max Supported Video Resolution	1920x1080 (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	2
Range Extension using other Tripp Lite product	175ft @ 1080i 125ft @ 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)	125
Maximum Signal Range (m)	38
<b>AUDIO</b>	
Audio Input	HDMI
Audio Specification	Stereo Audio
<b>INPUT</b>	
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	Unit (Included)
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 4.5 ft.
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Source A, B (Orange), Output 1, 2 (Green); RJ45: Green (Connection), Orange (Activity)
<b>PHYSICAL</b>	
Color	Black
Included Mounting Accessories	Wallmount
Number of Displays	2
Optional Mounting Accessory Notes	Can DIN Mount using Tripp Lite Bracket <a href="//www.tripplite.com/din-rail-mounting-bracket-for-digital-signage-version-2-B110-DIN-02">B110-DIN-02</a>
Form Factor/Mounting Options	Box; Wall-mount
Shipping Dimensions (hwd / in.)	2.00 x 6.20 x 10.20
Shipping Dimensions (hwd / cm)	5.08 x 15.75 x 25.91
Shipping Weight (lbs.)	1.90

Shipping Weight (kg)	0.86
Unit Dimensions (hwd / in.)	1.200 x 5.000 x 3.900
Unit Dimensions (hwd / cm)	3.05 x 12.7 x 9.91
Unit Packaging Type	Box
Unit Weight (lbs.)	0.43
Unit Weight (kg)	0.20
Housing	Metal
<b>ENVIRONMENTAL</b>	
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% to 85%, Non-Condensing
<b>COMMUNICATIONS</b>	
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
USB Extension Support	No
<b>CONNECTIONS</b>	
Number of Ports	2
Side A - Connector 1	(2) HDMI (FEMALE)
Side A - Connector 2	3.5MM (FEMALE)
Side B - Connector 1	(2) RJ45 (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No

Built-In Equalizer	No
HDCP Specification	1.4
Driver Required	No
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	FCC; PSE; TUV; RoHS; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	1-year limited warranty