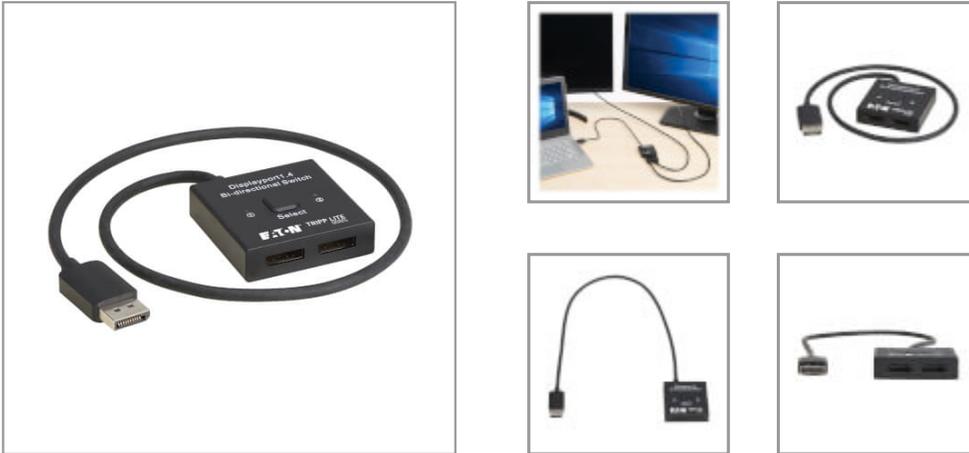


2x1 Bi-Directional DisplayPort Switch - 4K 120 Hz or 8K 30 Hz, HDR, HDCP Passthrough

MODEL NUMBER: B119-002-BDS-DP



Switches between 2 video sources on a single display or switches one video source between 2 displays up to 8K/4K.

Features

Connect 2 Audio/Video Sources to a Display or 2 Displays to a Single A/V Source

The B119-002-BDS-DP connects two DisplayPort source devices to one DisplayPort display and lets you switch back and forth between them. Or you can connect two displays to a single source and switch between the displays. This bi-directional DisplayPort switch works with a wide range of sources (media servers, Blu-ray players, game consoles, etc.) and displays (televisions, monitors, projectors) to let you customize your A/V installation.

Suitable for a Wide Range of Audio/Video Applications for Work or Play

This switch is recommended anywhere a variety of video signals is transmitted to a hi-def display. It is suitable for home theaters, video and multimedia presentations, security applications or digital signage in classrooms, bars, restaurants, conference rooms, lecture halls, exhibition centers and trade shows.

Transmits Crystal-Clear 4K Video with HDR

This DisplayPort switch supports Ultra HD resolutions up to 8K at 30 Hz or 4K at 120 Hz with compressed and uncompressed audio. It also supports HDR (High Dynamic Range), providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP passthrough allows you to stream 4K content with no loss in resolution.

Plug-and-Play Operation for Quick Setup and Immediate Use

The switch works right out of the box with no software required. Connect your devices to the switch's DisplayPort ports with user-supplied DisplayPort cables (sold separately), and plug the switch's built-in DisplayPort cable into another device. Use the push button on top of the unit to switch between the dual ports. The B119-002-BDS-DP draws power through the built-in DisplayPort cable, but a USB-C port is included if additional 5V backup power is needed (external power supply sold separately).

Highlights

- Recommended for digital signage, home theaters and 4K video presentations
- Supports UHD resolutions up to up to 8K @ 30 Hz or 4K @ 120 Hz with HDR
- Convenient push button allows quick switching between sources or displays
- HDCP passthrough allows 4K signals from source to display with no loss in resolution
- Plug-and-play operation with no software required for easy, immediate installation

Package Includes

- B119-002-BDS-DP 2x1 Bi-Directional DisplayPort Switch
- Installation Instructions

Specifications

OVERVIEW	
UPC Code	037332288738

Product Type	Switch
Technology	DisplayPort
VIDEO	
Max Supported Video Resolution	8K/30Hz or 4K/120Hz
Max. Distance (Between any 2 Units)	It is recommended to connect a DisplayPort 1.4 Cable within 2m distance, anything over this length the signal may be affected.
Max Supported Color Depth	16-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0
AUDIO	
Audio Specification	Supports transmission of uncompressed/compressed audio
INPUT	
Built-In Cable Length (ft.)	1.64
Built-In Cable Length (cm)	50
Bus Powered	Yes
POWER	
Power Source Type	USB
Power Over Cable (PoC) Support	No
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
Input x Output	2 x 1; 1 x 2
CHARGING	
Number of Charging Ports	1
Charging Method Detail	Type-C Female x1 (For optional power supply). Power can be drawn through the DP male from the connected device. If some off-specification devices cannot support power via DP male, power can be supplied to the switch via the Type-C female port.
PHYSICAL	
Color	Black
Material of Construction	Plastic Shell
Rackmountable	No



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Shipping Dimensions (hwd / in.)	5.31 x 6.49 x 0.90
Shipping Dimensions (hwd / cm)	13.50 x 16.50 x 2.30
Shipping Weight (lbs.)	0.15
Shipping Weight (kg)	0.07
Unit Dimension Details	Main Switch: 2.16 x 2.16x 0.59 in (55 x55 x 15 (mm)) Built-in DisplayPort cable: 1.6ft (50cm)
Unit Dimensions (hwd / in.)	0.139 x 5.314 x 0.905
Unit Weight (lbs.)	0.139
Unit Weight (kg)	0.06
ENVIRONMENTAL	
Operating Temperature Range	14° to 113°F (-10° to 45°C)
Storage Temperature Range	14° to 158°F (-10° to 70°C)
Relative Humidity	10% - 90%, RH, (Non-condensing)
COMMUNICATIONS	
Signal Range (ft.)	9
Signal Range (m)	3
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	Yes
Mounting Accessory Included	No
Multi-Resolution Support	No
Port Selection	Pushbutton
Displayport Specification	1.4
Driver Required	No
DIN Mountable	No
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); FCC (USA); RoHS; UKCA; WEEE
WARRANTY & SUPPORT	



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Product Warranty Period (Worldwide)	1-year limited warranty
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