

## Important Note

In some cases, enabling Local Echo may cause character duplication in Tera Term and Putty. Please keep Local Echo set to Disabled or Auto if this issue is encountered.

# 3-Port HDMI Switch with Remote Control - 4K @ 60 Hz (HDMI F/3xF), 3D, HDCP 2.2, EDID

MODEL NUMBER: B119-003-UHD



4K HDMI switch connects 3 HDMI audio/video source devices to a single HDMI display and switches between them.

## Features

### Connect 3 HDMI Source Devices to an HDMI Display and Switch Between Them

This 4K HDMI switch allows you to connect three HDMI source devices to one port on an HDMI display and switch back and forth between them. For instance, you can connect a Blu-ray player, cable/satellite DVR and video game system to one HDMI port on a monitor, projector or TV. Or you can connect three computers or media centers to an HDMI display for exhibiting digital signage or giving presentations.

### Hassle-Free Setup of 3 High-Definition Computers, Blu-Ray Players or Other Sources

The B119-003-UHD is ideal for home entertainment systems, schools, point-of-sale displays, trade shows and anywhere else digital video is displayed. Connect up to three source devices to the HDMI input ports using HDMI cabling (sold separately), and plug the included external power supply into an AC power source. Another HDMI cable connects the HDMI output port to a monitor, projector or television. A red LED indicates the unit is receiving power, and blue LEDs indicate an HDMI signal is being received.

### Easy Switching of Audio/Video Source Devices

You can switch from one source device to another in one of three ways: the Select button on the unit, the included remote control or RS-232 serial control. An RS-232 serial port connects a computer via DB9 cable (sold separately).

### Meets the Latest Audio/Video Standards, Including True 4K Resolutions

The plug-and-play 3-port HDMI switch with remote control comes in a durable metal housing and requires no software or drivers. It meets current 3D, EDID and HDCP 2.2 standards to ensure you can use the switch with the most up-to-date Blu-ray players and other components. It supports Ultra High Definition (UHD) video resolutions up to true 4K at 60 Hz (4096 x 2160) and 36-bit True Color (12 bits per channel), as specified in HDMI 2.0, as well as 7.1-channel surround sound, DTS-HD, Dolby TrueHD, DSD (Direct Stream Digital) and HD (HBR) audio.

## Highlights

- Ideal for digital signage, home theaters, trade shows—wherever HD video is displayed
- Supports UHD resolutions up to true 4K @ 60 Hz for crystal-clear video
- Quick switching between sources: push button, RS-232 serial or included remote
- Supports a variety of full, rich audio formats, including 7.1-channel surround sound
- Plug-and-play operation with no software required for easy, immediate installation

## Applications

- Switch between 3 HDMI source devices, such as a computer or Blu-ray player, connected to one 4K HDMI-enabled monitor, TV or projector
- Use in schools, retail locations, point-of-sale displays, trade show booths, conference rooms and other places that manage digital signage from 3 separate HDMI sources

## System Requirements

- Source device(s) with HDMI outputs
- Display device with HDMI input

## Package Includes

- B119-003-UHD 3-Port HDMI Switch with Remote Control
- External power supply (Input: 100–240V, 50/60 Hz, 0.2A; Output: 5V 1A)
- (4) International plug adapters (North America, Europe, U.K., Australia)
- Mounting hardware
- Owner's manual

## Specifications

OVERVIEW	
UPC Code	037332210210
Technology	HDMI; IR
VIDEO	
Max Supported Video Resolution	4K x 2K @ 60Hz
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
AUDIO	
Audio Specification	Standard Audio, DSD, HBR, 7.1, DTS-HD, Dolby True-HD
INPUT	
AC Power Adapter Plug(s)	NEMA 1-15P North America; CEE 7/16 Schuko; BS 1363 UK; AS/NZS 3112 Australia
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.2A
AC Power Adapter Output Specs (V / A)	5V / 1A
AC Power Adapter Cord Length (ft.)	4.0
AC Power Adapter Cord Length (m)	1.0
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
Bus Powered	No
Product Length (in.)	6.29
Product Length (ft.)	0.52
POWER	
Power Source Type	AC Adapter
AC Adapter	Input: 100-240V, 50/60Hz, 0.2A; Output: 5V, 1A, 4 ft.
DC Barrel Plug	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	5
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	1-Red (Power); 3-Blue (Signal Link)
PHYSICAL	
Color	Black

Material of Construction	Steel
Rackmountable	No
Shipping Dimensions (hwd / in.)	3.15 x 7.83 x 5.83
Shipping Dimensions (hwd / cm)	8.00 x 19.89 x 14.81
Shipping Weight (lbs.)	1.32
Shipping Weight (kg)	0.60
Unit Dimensions (hwd / in.)	0.800 x 6.300 x 2.000
Unit Dimensions (hwd / cm)	2 x 16 x 5
Unit Packaging Type	Box
Unit Weight (lbs.)	0.54
Unit Weight (kg)	0.24
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32° to 140°F (0° to 60°C)
Storage Temperature Range	-4° to 158°F (-20° to 70°C)
Relative Humidity	0% to 95% RH, Non-Condensing
BTUs	17.1 BTU/Hr
<b>COMMUNICATIONS</b>	
Port Control	Push Buttons
Signal Range (ft.)	16
Signal Range (m)	5
EDID Compatible	Yes
IR Remote Extension Support	Yes
RS-232 Serial Extension Support	Yes
Latency	20ms
<b>CONNECTIONS</b>	
Number of Ports	4
Side A - Connector 1	(3) HDMI (FEMALE)
Side B - Connector 1	DB9 (MALE); HDMI (FEMALE)
Connector Plating	Gold; Nickel
Input x Output	3 x 1
<b>FEATURES &amp; SPECIFICATIONS</b>	
Port Selection	Pushbutton; Remote Selector
HDCP Specification	2.2

Driver Required	No
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	CE; FCC; UL; C-Tick; GS; RoHS
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); UKCA
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	1-year limited warranty