

## 2-Port HDMI Splitter - 8K 60 Hz, HDR10+, Multi-Resolution Support, TAA

MODEL NUMBER: **B118-002-8K**



HDMI 8K splitter transmits 8K video and audio from one HDMI source to 2 HDMI displays at the same time.

### Features

#### 8K HDMI Splitter Transmits 8K Video + Audio to 2 HDMI Displays at the Same Time

Recommended for home theaters or short-distance digital signage applications in classrooms, offices, restaurants, bars, hotels and trade shows, this Ultra High Definition (UHD) HDMI splitter is quick and easy to install. It connects to an HDMI source device, such as a laptop or Blu-ray player, and transmits an 8K audio/video signal to two HDMI monitors, projectors or televisions simultaneously. Multi-resolution output allows video content to be presented at the optimal resolution for each display's capabilities.

#### Transmits 8K Video with HDR10+ and 4:4:4 Color

The B118-002-8K supports Ultra HD 8K resolutions up to 7680 x 4320 at 60 Hz with 36-bit Deep Color (12 bits per channel), as well as DTS-HD, Dolby TrueHD, Dolby Digital Plus and LPCM 7.1-channel surround sound. Place the splitter up to 10 feet from an HDMI source and up to 15 feet from a connected monitor for a maximum distance of nearly 25 feet from source to display. High Dynamic Range (HDR10+) provides a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 8K display. HDCP 2.3 encryption allows you to stream 8K content with no loss in resolution. This splitter also supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or for using your HDTV as a PC monitor.

#### Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions

Say you have a brand new 8K/60 Hz HDTV in the living room, but want to also connect your Blu-ray player or media server to the older 1080p TV in the kitchen and the 4K/60 Hz monitor in your home office. The B118-002-8K is backward compatible with 4K and 1080p resolutions via automatic switching, allowing each connected display to show video at its maximum resolution without affecting the other outputs.

#### Ready to Use Right Out of the Package

The plug-and-play HDMI splitter requires no software to download and install. User-supplied HDMI cables (such as P568-Series, sold separately) connect the splitter to both the source and displays. The included external power supply comes with four international plug adapters that allow you to use the B118-002-8K around the world.

### Highlights

- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) with High Dynamic Range (HDR10+)
- Multi-resolution function allows combination of different display resolutions at once
- Includes 4 international plug adapters to allow use of the splitter around the world
- Plug-and-play operation: no software required means easy, immediate installation

### System Requirements

- Source device with HDMI output (media server, Blu-ray player, satellite/cable box)
- Display devices with HDMI input (HDTV, projector, monitor)

### Package Includes

- B118-002-8K 2-Port HDMI Splitter
- External power supply (Input: 100–240V, 50/60 Hz, 0.2A; Output: 5V 1A)
- (4) International plug adapters (North America, Europe, U.K., Australia)
- Installation instructions

## Specifications

OVERVIEW	
UPC Code	037332289995
Product Type	Splitter
Technology	HDMI
Host Connector	HDMI (FEMALE)
VIDEO	
Max Supported Video Resolution	7680 x 2160 (8K) @ 60Hz
Max Supported Color Depth	12-bit
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4
EDID Support	Yes
AUDIO	
Audio Specification	7.1 ch LPCM, AC3, DTS, Bit Depth up to 24bits, Sample rate up to 192Khz
INPUT	
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.35A
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
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Bus Powered	No
OUTPUT	
Frequency Compatibility	50 / 60 Hz
POWER	
Power Source Type	AC Adapter
Power Over Cable (PoC) Support	No
AC Adapter	Input: 100-240V, 50/60Hz, 0.35A; Output: 5V, 2A, 4.5 ft
Power Consumption (Watts)	10.00
CONNECTIONS	



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Number of Ports	2
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Input x Output	1 x 2
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	(x2) Orange (Monitor Signal); (x1) Green (Power)
<b>PHYSICAL</b>	
Color	Black
Material of Construction	SECC (cold-rolled steel with zinc coating)
Form Factor/Mounting Options	Box; Wall-mount
Rackmountable	No
Shipping Dimensions (hwd / in.)	2.16 x 6.45 x 8.42
Shipping Dimensions (hwd / cm)	5.50 x 16.40 x 21.40
Shipping Weight (lbs.)	1.54
Shipping Weight (kg)	0.70
Unit Dimensions (hwd / in.)	1.010 x 2.530 x 3.610
Unit Dimensions (hwd / cm)	6.42 x 9.16 x 2.79
Unit Dimensions (in.)	2.53 x 3.61 x 1.1
Unit Weight (lbs.)	1.54
Unit Weight (kg)	0.70
Mounting Details	Surface mount brackets
<b>ENVIRONMENTAL</b>	
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 -85%, Non-Condensing.
<b>COMMUNICATIONS</b>	
EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
Consumer Electronics Control (CEC) Supported	No
<b>FEATURES &amp; SPECIFICATIONS</b>	
10/100 Ethernet Extension Support	No



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Integrated/Removable Cable	No
MST Support	No
Mounting Accessory Included	No
Multi-Resolution Support	No
HDCP Specification	1.4; 2.2; 2.3
Driver Required	No
DIN Mountable	No
<b>STANDARDS &amp; COMPLIANCE</b>	
External Power Supply Certifications	FCC; UL; cUL
Product Certifications	NOM (Mexico)
Product Compliance	CE (Europe); FCC (USA); RoHS; Trade Agreements Act (TAA); UKCA; WEEE
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

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