8-Port HDMI Splitter - 4K @ 60 Hz, HDCP 2.2, EDID Management

MODEL NUMBER: **B118-008E-UHD-2**

Transmits true 4K video and audio from an HDMI source to 8 HDMI displays at the same time.

Features

HDMI Splitter Transmits 4K Video + Audio to 8 HDMI Displays at the Same Time Recommended for home theaters or short-distance digital signage applications in classrooms, showrooms, offices, churches, 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 computer or Blu-ray player, and transmits a true 4K audio/video signal to eight HDMI monitors, projectors or televisions simultaneously. You can cascade up to three levels of splitters, which expands the total number of connected displays to 512. *Note: The B118-008E-UHD-2 sends the same image to all connected displays. If you would like to extend an image over multiple displays, you will need an MST hub, such as the B156-002-HD-V2.*

Supports UHD 4K x 2K Signals up to 15 ft. via HDMI Cabling Using standard 28 AWG HDMI cable, the B118-008E-UHD-2 distributes a 4K audio/video signal (at 60 Hz) up to 15 feet (4.6 meters). Be sure the HDMI cables connecting the splitter to the source and displays are no longer than 15 feet. For best performance, we recommend using Tripp Lite's P569-Series HDMI cables.

Supports Up-To-Date Features and Formats The B118-008E-UHD-2 supports a wide range of audio formats, including DTS-HD, Dolby TrueHD, Dolby Digital Plus and LPCM 7.1-channel surround sound. It also features lip sync pass-through, 36-bit Deep Color, xvYCC and x.vColor, while receiving and transmitting up to 18 Gbps of bandwidth with no data loss. To ensure compatibility with the latest hardware, this splitter is compliant with HDCP 2.2 and 3D standards.

User-Adjustable EDID Settings Gives You Control over A/V ResolutionsEDID (Extended Display Identification Data) allows the source device to identify the capabilities of each connected display and transmit to the highest video and audio resolutions shared by all displays. The B118-008E-UHD-2's default EDID setting uses the lowest level of video format shared by the displays (for instance, if two monitors support 4K video and one supports 1080p, all three monitors will show 1080p). In the event you want to override the automatic detection setting and control the audio/video output yourself, you may do so by adjusting the built-in DIP switches.

Ready to Use Right Out of the Package The plug-and-play B118-008E-UHD-2 requires no additional software or drivers. Connect your devices to the HDMI ports with user-supplied HDMI cables (such as Tripp Lite's P569-Series), and plug the included external power supply into an AC power source to get started. An amber LED indicates the unit is receiving power, and blue LEDs indicate connected HDMI inputs. Use the included hardware to install the unit on a desktop or mount it to a wall.

Highlights

- Transmits up to 15 ft. for digital signage in bars, offices, classrooms, showrooms, etc.
- Supports UHD resolutions up to true 4K @ 60 Hz for crystal-clear video
- User-adjustable EDID settings allow compatibility with wide range of TVs/monitors
- Capable of cascading up to 512 total displays in sophisticated applications
- Plug-and-play operation with no software required for easy, immediate installation

Applications

- Watch 4K video content from a notebook, Blu-ray player, cable/satellite box, video game console or media server on multiple televisions or projectors
- Connect a laptop to give a video presentation on multiple 4K screens
- Attach multiple 4K monitors to your PC to allow easier multitasking or more convenient video editing
- Send Ultra HD content to digital signs or point-of-sale displays
- Connect a security camera or other A/V surveillance equipment to multiple displays

System Requirements

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

Package Includes

- B118-008E-UHD-2 8-Port HDMI Splitter
- External power supply with 5 ft. cord and NEMA 1-15P plug (Input: 100-240V, 50/60 Hz, 0.6A; Output: 12V 2A)
- Mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332239907
Technology	HDMI
VIDEO	
Max Supported Video Resolution	4K @ 60Hz (4096 x 2160)
Max. Distance (Between any 2 Units)	6ft. (2m)
Max Number of Ports (Entire Chain)	512
Max Supported Color Depth	36-bit Deep Color
AUDIO	
Audio Specification	DTS-HD, Dolby TrueHD, Dolby Digital Plus and LPCM 7.1 Channel Surround Sound
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Product Length (in.)	10.352
Product Length (ft.)	0.862
POWER	
AC Adapter	Input: 100-240V, 50/60Hz, 0.6A; Output: 5V, 3A, 5 ft.
External Power Supply Input Specs (V / Hz / A)	100-240V, 50/60Hz, 0.6A
External Power Supply Output Specs (V / A)	12V / 2A
External Power Supply Cord Length (ft.)	5
External Power Supply Cord Length (m.)	1.5
DC Barrel Plug	OD: 5.5 x 2.1 x 10mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	NEMA 1-15P North America
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Amber (Power); (x8) Blue (Signal)
PHYSICAL	
Material of Construction	Metal

Color	Black
Included Mounting Accessories	Yes
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	8.38 x 14.99 x 35.31
Shipping Dimensions (hwd / in.)	3.30 x 5.90 x 13.90
Shipping Weight (kg)	1.09
Shipping Weight (lbs.)	2.40
Unit Dimensions (hwd / in.)	0.87 x 3.19 x 10.35
Unit Packaging Type	Box
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45

ENVIRONMENTAL

Operating Temperature Range	32 to 140 °F (0 to 60 °C)
Storage Temperature Range	32 to 140 °F (0 to 60 °C)
Relative Humidity	0% to 60% RH, Non-Condensing

COMMUNICATIONS

EDID Compatible	Yes

CONNECTIONS

Number of Ports	8
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(8) HDMI (FEMALE)

PORT EXPANSION

Daisy-chainable or Cascadable	Cascadable

FEATURES & SPECIFICATIONS

HDCP Specification	2.2

STANDARDS & COMPLIANCE

External Power Supply Certifications	UL; cUL
Product Compliance	RoHS; REACH; FCC (USA)

WARRANTY

Product Warranty Period (Worldwide)	3-year limited warranty