2-Port HDMI Splitter - 4K @ 60 Hz, 4:4:4, Multi-Resolution Support, HDR, HDCP 2.2, TAA

MODEL NUMBER: **B118-002-HDR**








Splitter with multi-resolution support transmits 4K x 2K video and audio from an HDMI source to two HDMI displays at the same time.

Features

HDMI Splitter Transmits 4K Video + Audio to 2 HDMI Displays at the Same Time Recommended for home theaters or short-distance digital signage applications in classrooms, 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 4K audio/video signal to two HDMI monitors, projectors or televisions simultaneously. You can cascade up to three levels of splitters, which expands the total number of connected displays to eight. You can expand the total up to 64 by including multiple B118-004-HDR splitters (sold separately) in the three-level cascade. ***Note****: The B118-002-HDR 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 B118-002-HDR distributes a 4K x 2K 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 P569-Series HDMI cables.

Multi-Resolution Support Allows Mixing and Matching of Displays of Different Resolutions Say you have a brand new 4K (at 60 Hz) HDTV in the living room, but want to also connect your Blu-ray player or satellite box to the older 1080p TV in the bedroom. The B118-002-HDR is backward compatible with 4K x 2K (at 30 Hz) and 1080p (at 60 Hz) resolutions via automatic DIP switching. This splitter allows each television to display video at its maximum resolution. Most other splitters default each television to the lowest common resolution (meaning you would only get a 1080p image on that new 4K TV).

Supports Up-To-Date Features and Formats The B118-002-HDR 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, xvYCC and x.vColor, and video amplifier bandwidth of 600 MHz/6 Gbps per channel (18 Gbps total). To ensure compatibility with the latest hardware, this splitter is compliant with HDCP 2.2 and is capable of carrying HDR (high dynamic range) signals. It supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor, as well as 36-bit Deep Color (12 bits per channel).

Ready to Use Right Out of the Package The plug-and-play B118-002-HDR requires no additional software or drivers. Connect your devices to the HDMI ports with user-supplied HDMI cables (such as P569-Series), and plug the included external power supply (with four international plug adapters to ensure use all over the world) into an AC power source to get started. A green LED indicates the unit is receiving

Highlights

- Transmits up to 15 ft. for digital signage in bars, offices, classrooms, trade shows, etc.
- Supports UHD resolutions up to true 4K @ 60 Hz (4:4:4) for crystal-clear video
- Supports multi-resolution output to allow for combination of different display types
- Carries High Dynamic Range (HDR) signals for rich contrast and expanded color accuracy
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

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 MacBook Pro 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
- Play online or PC video games that display optimal graphics
- 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

- B118-002-HDR 2-Port HDMI Splitter with Multi-Resolution Support
- External power supply (Input: 100–240V, 50/60 Hz, 0.35A; Output: 5V 2A)
- International plug adapters (North America, Europe, U.K. and Australia)
- Owner’s manual

power, and orange LEDs indicate connected HDMI inputs. Use the included hardware to install the unit on a desktop or mount it to a wall.

TAA-Compliant for GSA Schedule Purchases The B118-002-HDR is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332237972
Product Type	Splitter
Device Compatibility	Monitor/HDTV
Technology	HDMI
Host Connector	HDMI (FEMALE)
VIDEO	
Max Supported Video Resolution	4096 x 2160 (4K) @ 60Hz
Max. Distance (Between any 2 Units)	10 ft. (3.05m)
Max Number of Ports (Entire Chain)	32
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
AUDIO	
Audio Specification	DTS-HD, Dolby TrueHD, Dolby Digital Plus and LPCM 7.1 Channel Surround Sound
INPUT	
AC Power Adapter Plug(s)	NEMA 5-15P 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 / 0.35A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	4.0
AC Power Adapter Cord Length (m)	1.2
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	No
Product Length (in.)	4.53
Product Length (ft.)	0.377

POWER	
Power Source Type	AC Adapter
AC Adapter	Input: 100-240V, 50/60Hz, 0.35A; Output: 5V, 2A, 4 ft
DC Barrel Plug	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	(2) HDMI (FEMALE)
Connector Plating	Nickel
Input x Output	1 x 2
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Up to 3 Levels for 32 Displays
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x1) Green (Power), (x2) Orange (Signal)
PHYSICAL	
Color	Black
Material of Construction	Metal
Cable Length (ft.)	0
Cable Length (m)	0.00
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	2.17 x 8.43 x 6.46
Shipping Dimensions (hwd / cm)	5.51 x 21.41 x 16.41
Shipping Weight (lbs.)	1.08
Shipping Weight (kg)	0.49
Unit Dimensions (hwd / in.)	1.060 x 4.530 x 2.460
Unit Dimensions (hwd / cm)	2.69 x 11.51 x 6.24
Unit Packaging Type	Box
Unit Weight (lbs.)	0.49
Unit Weight (kg)	0.22
ENVIRONMENTAL	
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% to 85% RH, Non-Condensing
COMMUNICATIONS	
EDID Compatible	Yes
PORT EXPANSION	
Daisy-chainable or Cascadable	Cascadable
FEATURES & SPECIFICATIONS	
MST Support	No
HDCP Specification	2.2
Driver Required	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	CE; FCC; UL; cUL; TUV; CCC; PSE; C-Tick; GS; RoHS
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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