2-Port HDMI Splitter - HDCP 2.2, 4K @ 60 Hz, HDR, TAA

MODEL NUMBER: **B118-002-UHD-2**

Transmits Ultra High Definition (UHD) 4K x 2K audio/video (A/V) from an HDMI source to two HDMI displays at the same time. Recommended for digital signage in classrooms, churches, office buildings, restaurants/bars, etc.

Description

The B118-002-UHD-2 2-Port 4K 3D HDMI Splitter transmits a UHD 4K @ 60 Hz (3840 x 2160) audio/video signal from an HDMI source, such as a Blu-ray player or computer, to two HDMI monitors, projectors or televisions at the same time. Ideal for classrooms, churches, offices, restaurants, bars, trade shows and anywhere else featuring 4K x 2K digital signage, the B118-002-UHD-2 is quick and simple to install with no software or drivers necessary.

Using standard 28 AWG HDMI cabling, this splitter can transmit a 4K (3840 x 2160) signal up to 15 feet (4.6 meters). It supports a wide range of audio formats, including DTS-HD, Dolby TrueHD, Dolby Digital Plus, and LPCM 7.1-channel surround sound, as well as 36-bit Deep Color (12 bits per channel). The Full 3D-compliant B118-002-UHD-2 also supports HDCP 2.2 for up-to-date content protection.

***Note**: The B118-002-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.*

Features

Transmits a 4K HDMI A/V Signal to 2 HDMI Displays Simultaneously

- Recommended for 4K digital signage in classrooms, churches, offices, restaurants, bars, trade shows, etc.
- Distributes A/V signals up to 15 ft. (4.6 m) when used with standard 28 AWG HDMI cable
- Supports UHD resolutions up to 4K @ 60 Hz for crystal-clear video
- Compliant with HDCP 2.2 and EDID to ensure compatibility with latest A/V hardware
- Cascade up to 3 levels of splitters together to increase the number of connected monitors up to 32.

Supports the Most Up-To-Date Features and Formats

- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Full 3D
- DTS-HD, Dolby TrueHD, Dolby Digital Plus and LPCM 7.1-channel surround sound audio
- 36-bit Deep Color (12 bits per channel)
- Video amplifier bandwidth of 600 MHz/6 Gbps per channel (18 Gbps total)
- Lip sync pass-through, xvYCC and x.vColor

Easy to Use Almost Anywhere

- Plug-and-play operation with no software required for easy, immediate installation

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (3840 x 2160) for crystal-clear video
- Distributes A/V up to 15 ft. when used with 28 AWG HDMI cable
- Supports High Dynamic Range (HDR) for richer contrast and expanded color accuracy
- Expand the number of connected displays, up to 32, by cascading up to 3 levels of splitters together
- Plug-and-play operation with no software required for easy, immediate installation

System Requirements

- HDMI Source
- HDMI Monitor(s)

Package Includes

- B118-002-UHD-2 2-Port 4K 3D HDMI Splitter
- External power supply (Input: 100–240V, 50/60 Hz, 0.35A; Output: 5V 2A)
- International plug adapters (North America, Europe, U.K. and Australia)
- Mounting hardware
- Owner’s manual

- Supports desktop use or wall-mounting using included hardware
- Power supply includes international plug adapters (North America, Europe, U.K. and Australia)

TAA-Compliant
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332200648
Product Type	Splitter
Device Compatibility	Monitor/HDTV
Technology	HDMI
Host Connector	HDMI (FEMALE)
VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K) @ 60Hz
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
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.)	3.61
Product Length (ft.)	0.300
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 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 7.24 x 6.46
Shipping Dimensions (hwd / cm)	5.51 x 18.39 x 16.41
Shipping Weight (lbs.)	0.99
Shipping Weight (kg)	0.45
Unit Dimensions (hwd / in.)	2.160 x 6.450 x 7.240
Unit Dimensions (hwd / cm)	5.49 x 16.38 x 18.39
Unit Packaging Type	Box
Unit Weight (lbs.)	0.187
Unit Weight (kg)	0.08
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	0-85% non-condensing
COMMUNICATIONS	

EDID Compatible	Yes
IR Remote Extension Support	No
RS-232 Serial Extension Support	No
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 Certifications	NOM (Mexico)
Product Compliance	RoHS; CE (Europe); REACH; WEEE; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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