

## 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



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- 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                                                                           |



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|----------------------------------------------|-------------------------------------------------------|
| 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  |
| <b>CONNECTIONS</b>                           |                                                       |
| 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                        |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |                                                       |
| LED Indicators                               | (x1) Green (Power), (x2) Orange (Signal)              |
| <b>PHYSICAL</b>                              |                                                       |
| 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                                                  |
| <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>                        |                                                       |



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|                                      |                                                                       |
|--------------------------------------|-----------------------------------------------------------------------|
| EDID Compatible                      | Yes                                                                   |
| IR Remote Extension Support          | No                                                                    |
| RS-232 Serial Extension Support      | No                                                                    |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                                       |
| MST Support                          | No                                                                    |
| HDCP Specification                   | 2.2                                                                   |
| Driver Required                      | No                                                                    |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                                       |
| 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) |
| <b>WARRANTY &amp; SUPPORT</b>        |                                                                       |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                                               |

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