2-Port DisplayPort to HDMI Multi-Monitor Splitter, MST Hub, 8K/4K 60 Hz, DP 1.4, TAA

MODEL NUMBER: **B156-002-H8K**

Splits and transmits a 4K DisplayPort audio/video signal to two separate HDMI monitors up to 15 ft. away.

Features

Connect up to 2 HDMI Monitors to Your DisplayPort Computer
This multi-display splitter connects two 4K or 8K HDMI monitors, projectors or televisions to the DisplayPort output on your laptop or desktop computer. Recommended for digital signage in schools, churches, trade shows, hotels, office conference rooms, restaurants, bars and retail outlets, the B156-002-H8K helps you create video walls, give audio/video presentations in front of large audiences or stream 4K/8K video to multiple locations.

DisplayPort Multi-Stream Transport (MST) Allows Connection of Multiple Displays
By connecting the DisplayPort input to a source that supports DisplayPort MST Mode, you may connect two monitors simultaneously. This allows you to display the same image on each monitor, extend your host desktop across both monitors or combine both monitors into one large display as a video wall. LED indicators let you know which monitors are receiving an AV signal.

Transmits 8K Video Using HDMI Cabling
The B156-002-H8K supports Ultra HD resolutions up to 3840 x 2160 at 60 Hz per monitor with 16-bit Deep Color and 2-channel LPCM audio in extended desktop and mirror modes. In video wall mode, it supports expanded resolutions, including 7680 x 2160 at 60 Hz (2x1 vertical configuration) and 3840 x 4320 at 60 Hz (1x2 horizontal configuration). The B156-002-H8K is compliant with HDMI 2.0 standards and is backward compatible with previous versions. *Note: When in video wall mode, it is recommended to use monitors of the same brand and model to ensure full functionality.*

Supports 4:4:4 for the Sharpest Video Possible
The B156-002-H8K supports uncompressed 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor. HDCP 2.3 encryption allows you to stream 4K content with no complications.

Designed for Plug-and-Play Convenience
Just connect your source device and your monitors with user-supplied HDMI cables up to 15 feet (4.6 meters). No software or drivers are needed. Plug the included external power supply into a compatible AC outlet. Four international plug adapters (North America, Europe, U.K., Australia) are also included. Rugged metal enclosure comes with detachable brackets for mounting on a level surface.

TAA-Compliant for GSA Schedule Purchases
The B156-002-H8K is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Highlights

- Transmits in mirrored, extended and video wall modes for advanced digital signage
- Supports UHD resolutions up to 8K @ 60 Hz (4:4:4) in video wall mode
- Complies with HDMI 2.0 standards and backward compatible with earlier versions
- Ready for plug-and-play operation with no additional software or drivers needed
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

System Requirements

- A computer with a DisplayPort 1.4 compatible graphics card (e.g. AMD Radeon with AMD Eyefinity Technology). Backward compatible with most DisplayPort 1.1a equipment running current graphics drivers. The feature set is limited to that of the attached equipment (e.g. you may be limited to displaying in clone/mirror mode only). Compatibility with older graphics cards is not guaranteed.
- Mac OS X does not support MST for NVIDIA and Intel graphics processor units, limiting video display on the connected monitors to mirror mode.
- DisplayPort 1.4 bandwidth is 32.4 Gbps. Higher resolution monitors take up more bandwidth. Although HDMI monitors support video resolutions up to 3840 x 2160 on individual monitors, the number of 4K monitors connected at the same time is limited.

Package Includes

- B156-002-H8K 2-Port DisplayPort to HDMI Multi-Monitor Splitter
- External power supply (Input: 100–240V, 50/60 Hz, 0.6A; Output: 5V 3A) with 4.5 ft. cord
- (4) International plug adapters (North America, Europe, U.K., Australia)
- Mounting hardware
- Installation guide

Specifications

OVERVIEW	
UPC Code	037332287373
Product Type	Splitter
Technology	DisplayPort
Host Connector	DISPLAYPORT (FEMALE)

VIDEO	
Video Input	DISPLAYPORT (FEMALE)
Video Output	HDMI (FEMALE)
Resolutions Supported	Video Wall Mode: (1x2) 3840 x 4320@ 60hz; (2x1)7680 x 2160@ 60hzExtented Desktop Mode: 3840x2160@ 60hz (Display 1 & Display 2)Mirror Mode: 3840x2160@ 60hz (Display 1 & Display 2)
Max Supported Video Resolution	7680 x 2160 (8K) @ 60 Hz
Max Supported Color Depth	16-bit Deep Color
HDR Support	No
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
EDID Support	Yes

AUDIO	
Audio Specification	2ch 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 / 0.5A
AC Power Adapter Output Specs (V / A)	5V / 2A
AC Power Adapter Cord Length (ft.)	5
AC Power Adapter Cord Length (m)	1.5
Bus Powered	No

POWER	
Power Source Type	AC Adapter
Power Over Cable (PoC) Support	Yes
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
Power Consumption (Watts)	26.50

CONNECTIONS

Number of Ports	2
Side B - Connector 1	(2) HDMI (FEMALE)
Connector Plating	Nickel
Contact Plating	Gold
Input x Output	1 x 2
Daisy-chainable / Cascadable	No

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	(x2) Orange (Monitor Signal); (x1) Green (Power)

PHYSICAL

Color	Black
Material of Construction	ABS Plastic
Cable Length (ft.)	0
Cable Length (m)	0.00
Rackmountable	No
Shipping Dimensions (hwd / in.)	2.16 x 6.45 x 10.23
Shipping Dimensions (hwd / cm)	5.50 x 16.40 x 26.00
Shipping Weight (lbs.)	1.61
Shipping Weight (kg)	0.73
Unit Dimensions (hwd / in.)	1.169 x 5.039 x 3.937
Unit Dimensions (in.)	5.04 x 3.94 x 1.17
Unit Weight (lbs.)	1.5
Unit Weight (kg)	0.68

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%, Non-Condensing
BTUs	90.365 BTU/h

COMMUNICATIONS

EDID Compatible	No
IR Remote Extension Support	No
RS-232 Serial Extension Support	No

Consumer Electronics Control (CEC) Supported	No

FEATURES & SPECIFICATIONS	
10/100 Ethernet Extension Support	No
Integrated/Removable Cable	No
MST Support	Yes
Mounting Accessory Included	No
Multi-Resolution Support	No
Displayport Specification	1.4
HDCP Specification	1.4; 2.3
Driver Required	No
DIN Mountable	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; UL; cUL
Product Compliance	CE (Europe); FCC (USA); RoHS; Trade Agreements Act (TAA); UKCA; WEEE

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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