

- Computer with DisplayPort 1.2-compatible graphics card (e.g. AMD Radeon with AMD Eyefinity) required for video wall mode. Backward compatible with most DisplayPort 1.1a equipment running current graphics drivers with feature set limited to that of your equipment. Compatibility with older graphics cards not guaranteed.
- MST compliant DisplayPort 1.2 graphics cards are limited to a bandwidth of 21.6 Gbps amongst all monitors, with higher resolution monitors using up more bandwidth. 1080p monitors will use up approximately 22% of bandwidth, whereas 4K monitors will use 40% or more. As each monitor will be different, it is necessary to verify the percentage of bandwidth being used by each monitor in the display settings interface for your graphics card. If the total percentage of bandwidth taken up by all of the connected monitors exceeds 100%, an image will not display on one or more of them.
- Maximum supported video resolutions and number of monitors depend on your graphics card. Check graphics card specifications to determine its capabilities.

4-Port Mini DisplayPort 1.2 to HDMI Multi-Stream Transport (MST) Hub, 3840 x 2160 (4K x 2K) @ 60 Hz UHD, TAA

MODEL NUMBER: **B155-004-HD-V2**



Displays the same image on 4 HDMI monitors, extends the desktop across all four, or combines all into one large monitor. Ideal for digital signage in schools, churches, conference rooms, trade shows and retail outlets.

Description

The B155-004-HD-V2 4-Port Mini DisplayPort 1.2 to HDMI MST Hub connects up to four HDMI monitors to the Mini DisplayPort (MDP) output on your computer. Ideal for digital signage in schools, churches, conference rooms, trade shows, hotels and retail outlets, this hub allows you to display the same image on all four monitors, extend the desktop across them, or combine all four as one large monitor in video wall mode.

The B155-004-HD-V2 is compliant with DisplayPort 1.2 and backward compatible with versions 1.1 and 1.1a with the feature set being limited to that of your equipment. It supports high-definition video resolutions up to 1920 x 1080 (1080p) per monitor. In video wall mode, it supports expanded resolutions, such as 3840 x 2160 (4K x 2K) @ 60 Hz in a 2 x 2 monitor configuration or 7680 x 1080 in a vertical 4 x 1

Highlights

- Supports UHD video resolutions up to 3840 x 2160 (4K x 2K) @ 60 Hz
- Built-in 6 in. cable connects directly to Mini DisplayPort source
- Supports up to 48-bit Deep Color (16 bits per channel)
- Works with all operating systems
- Supports DTS-HD, Dolby TrueHD and 7.1-channel surround sound

System Requirements

- Computer with DisplayPort 1.2-compatible graphics card (e.g. AMD Radeon with AMD Eyefinity) required for video wall mode.
- Backward compatible with most DisplayPort 1.1a equipment running current graphics drivers with feature set limited to that of your equipment. Compatibility with older graphics cards not guaranteed.
- Mac OS X does not support MST for NVIDIA and Intel Graphics Processor Units, limiting video display on connected monitors to mirror mode.
- Maximum supported video resolutions and number of monitors depend on your graphics card. Check graphics card specifications to determine



configuration.

This MST hub also supports HDCP, EDID, DDC and 48-bit Deep Color (16 bits per channel), as well as DTS-HD, Dolby TrueHD and 7.1-channel surround sound audio. It works with all operating systems. Plug-and-play convenience means no software or drivers are needed. A built-in six-inch cable connects directly to a MDP source. LEDs indicate when the monitors are receiving a signal. The B155-004-HD-V2 complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Connects Up to 4 HDMI Monitors to Your Computer's Mini DisplayPort OutputIdeal for digital signs in schools, churches, conference rooms, trade shows and retail settings
 Displays same image on 4 monitors simultaneously in mirror mode
 Extends desktop across 4 monitors in extended mode
 Combines 4 monitors into one large monitor in video wall mode
 Built-in 6 in. cable connects directly to MDP source
 LEDs indicate when monitors are receiving a signal

Meets the Latest Performance StandardsSupports HD video resolutions up to 1920 x 1080 (1080p) per monitor
 Supports expanded resolutions in video wall mode, such as 3840 x 2160 (4K x 2K) @ 60 Hz in a 2 x 2 monitor configuration or 7680 x 1080 in a vertical 4 x 1 configuration
 Supports HDCP, EDID and DDC
 Supports 48-bit Deep Color (16 bits per channel)
 Supports DTS-HD, Dolby TrueHD and 7.1-channel surround sound audio

Easy to Use Almost AnywhereWorks with all operating systems
 Plug and play—no software or drivers required

TAA CompliantComplies with Federal Trade Agreements Act (TAA) for GSA Schedule purchases

its capabilities.

- Monitor(s) with HDMI input.

Package Includes

- B155-004-HD-V2 4-Port Mini DisplayPort 1.2 to HDMI MST Hub
- External power supply w/NEMA 1-15P plug and 5 ft. cord (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 2A)
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332193391
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
INPUT	
External Power Supply Input Specs (V / Hz / A)	100-240V, 50/60Hz, 0.5A
External Power Supply Output Specs (V / A)	5V, 2A
External Power Supply Cord Length (ft.)	4.5
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	NEMA 1-15P North America
External Power Supply Certifications	FCC; UL; cUL
Bus Powered	Yes
PHYSICAL	
Color	Black
Material of Construction	PC
Rackmountable	No
Shipping Dimensions (hwd / cm)	6.10 x 16.00 x 21.34



Shipping Dimensions (hwd / in.)	2.40 x 6.30 x 8.40
Shipping Weight (kg)	0.41
Shipping Weight (lbs.)	0.90
Unit Dimensions (hwd / cm)	10.8 x 7.5 x 2.4
Unit Dimensions (hwd / in.)	4.3 x 3.0 x 0.9
Unit Dimensions (hwd / mm)	108 x 75 x 24
Unit Packaging Type	Box
Unit Weight (kg)	0.09
Unit Weight (lbs.)	0.20
ENVIRONMENTAL	
Operating Temperature Range	14 to 167 F (-10 to 75 C)
Storage Temperature Range	-4 to 176 F (-20 to 80 C)
Relative Humidity	0% to 85%, Non-Condensing
BTUs	23.9 BTU/Hr
Power Consumption (Watts)	7W
CONNECTIONS	
Ports	4
Side A - Connector 1	MINI DISPLAYPORT (MALE)
Side B - Connector 1	(4) HDMI (FEMALE)
Connector Plating	Nickel
Contact Plating	Gold
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	3840 x 2160 (4K x 2K) @ 60Hz
Displayport Specification	1.2
HDMI Specification	1.4
Audio Specification	DTS-HD, Dolby TrueHD and 7.1-channel surround sound audio
Driver Required	No
Max Supported Color Depth	48-bit Deep Color
EDID Compatible	Yes
Technology	DisplayPort; HDMI
CERTIFICATIONS	
Approvals	FCC, RoHS, and REACH



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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