Graphics Card Requirement

Computer with Mini DisplayPort 1.2-compatible graphics card (e.g. AMD Radeon with AMD Eyefinity) required for video wall mode. Backward compatible with most Mini 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.

2-Port Mini DisplayPort to DVI Multi-Monitor Splitter, MST Hub, DP1.2, TAA

MODEL NUMBER: **B155-002-DVI-V2**

Displays the same image on 2 DVI monitors, extends the desktop across them, or combines both into one large monitor. Ideal for digital signage in schools, churches, conference rooms, trade shows and retail outlets.

Description

The B155-002-DVI-V2 2-Port Mini DisplayPort 1.2 to DVI MST Hub connects two DVI monitors to the Mini DisplayPort 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 both monitors, extend the desktop across them, or combine both as one large monitor in video wall mode.
The B155-002-DVI-V2 is compliant with Mini 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 1080p @ 60 Hz (1920 x 1080) on each monitor. Expanded video resolutions are supported when displaying in video wall mode, such as 3840 x 1080 in a horizontal 1 x 2 monitor configuration or 1920 x 2160 in a vertical 2 x 1 monitor configuration. The B155-002-DVI-V2 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.
This MST hub works with all operating systems. Plug-and-play convenience means no software, drivers or external power supply is needed. A built-in six-inch cable connects directly to a Mini DisplayPort source. LEDs indicate when the monitors are receiving a signal. The B155-002-DVI-V2 complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Connects 2 DVI Monitors to Your Computer's Mini DisplayPort Output Ideal for digital signs in schools, churches, conference rooms, trade shows and retail settingsDisplays same image on 2 monitors

Highlights

- Supports HD video resolutions up to 1080p @ 60 Hz (1920 x 1080)
- 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 Mini DisplayPort 1.2-compatible graphics card (e.g. AMD Radeon with AMD Eyefinity) required for video wall mode.
- Backward compatible with most Mini 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 its capabilities.
- Monitor(s) with DVI input.

Package Includes

- B155-002-DVI-V2 2-Port Mini DisplayPort 1.2 to DVI MST Hub
- USB Micro-B cable, 3 ft.
- Owner's manual

simultaneously in mirror modeExtends desktop across 2 monitors in extended modeCombines 2 monitors into one large monitor in video wall modeBuilt-in 6 in. cable connects directly to Mini DisplayPort sourceLEDs indicate when monitors are receiving a signal

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

Easy to Use Almost Anywhere Works with all operating systemsPlug and play—no software, drivers or external power supply requiredIncluded USB Micro-B cable provides power

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

Specifications

OVERVIEW	
UPC Code	037332193438
Product Type	Splitter
Technology	DVI; DisplayPort
Host Connector	MINI DISPLAYPORT (MALE)

VIDEO	
Max Supported Video Resolution	1920 x 1080 (1080p) @ 60Hz
Max Supported Color Depth	48-bit Deep Color
3D Video Supported	Yes

POWER	
Power Consumption (Watts)	4.1

CONNECTIONS	
Number of Ports	2
Side A - Connector 1	MINI DISPLAYPORT (MALE)
Side A - Connector 2	MICRO-USB B (FEMALE)
Side B - Connector 1	(2) DVI-I DUAL-LINK (FEMALE) (WIRED TO DVI-D SINGLE-LINK)
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)

PHYSICAL	
Color	Black
Material of Construction	Plastic
Cable Length (ft.)	0
Cable Length (m)	0.00
Rackmountable	No
Shipping Dimensions (hwd / in.)	1.70 x 5.40 x 7.80
Shipping Dimensions (hwd / cm)	4.32 x 13.72 x 19.81
Shipping Weight (lbs.)	0.42
Shipping Weight (kg)	0.19
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Dimensions (hwd / cm)	7.6 x 6.15 x 2.55
Unit Dimensions (hwd / mm)	61.5 x 76 x 25.5
Unit Packaging Type	Box
Unit Weight (lbs.)	0.154
Unit Weight (kg)	0.07

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	14 BTU/Hr

COMMUNICATIONS	
EDID Compatible	Yes

FEATURES & SPECIFICATIONS	
MST Support	Yes
Displayport Specification	1.2
HDCP Specification	1.3
Driver Required	No

STANDARDS & COMPLIANCE	
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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