Graphics Card Requirement

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 of your graphics card. If the total percentage of bandwidth taken up by all the connected monitors exceeds 100%, an image will not display on one or more of them.Maximum supported video resolutions and number of monitors will be dependent upon your graphics card. Check the specifications of your graphics card to determine its capabilities.

3-Port DisplayPort Multi-Monitor Splitter, MST Hub, 4K 60Hz UHD, DP1.2, TAA

MODEL NUMBER: **B156-003-V2**

Displays the same image on 3 DisplayPort monitors, extends the desktop across them, or combines all into one large monitor. Ideal for digital signage in schools, churches, conference rooms, trade shows and retail outlets.

Description

The B156-003-V2 3-Port DisplayPort 1.2 MST Hub connects up to three DisplayPort monitors to the 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 all three monitors, extend the desktop across them, or combine all three into one large monitor in video wall mode.
The B156-003-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 Ultra High Definition (UHD) video resolutions up to 4K @ 60Hz (3840 x 2160) with the number of 4K monitors limited according to your graphics card's specifications. In video wall mode, this hub supports expanded resolutions, such as 5760 x 1080 in a horizontal 1 x 3 monitor configuration or 1920 x 3240 in a vertical 3 x 1 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 DisplayPort source. LEDs indicate when the monitors are receiving a signal. The B156-003-V2 complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Features

Connects Up to 3 DisplayPort Monitors to Your Computer's DisplayPort Output

- Ideal for digital signs in schools, churches, conference rooms, trade shows and retail settings
- Displays same image on 3 monitors simultaneously in mirror mode

Highlights

- Supports UHD video resolutions up to 4K @ 60Hz (3840 x 2160)
- Built-in 6 in. cable connects directly to 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.
- MST-compliant 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 of your graphics card. If the total percentage of bandwidth taken up by all the connected monitors exceeds 100%, an image will not display on one or more of them.
- Monitor(s) with DisplayPort input

Package Includes

- B156-003-V2 3-Port DisplayPort 1.2 MST Hub
- External power supply with NEMA 1-15P plug and 5 ft. cord (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 2A)

- Extends desktop across 3 monitors in extended mode
- Combines 3 monitors into one large monitor in video wall mode
- Built-in 6 in. cable connects directly to DisplayPort source
- LEDs indicate when monitors are receiving a signal

Meets the Latest Performance Standards
- Supports UHD video resolutions up to 4K @ 60Hz (3840 x 2160)
- Supports expanded resolutions in video wall mode, such as 5760 x 1080 in horizontal 1 x 3 configuration
- Supports HDCP, EDID and DDC
- Supports 48-bit Deep Color (16 bits per channel)
- Supports DTS-HD, Dolby True HD and 7.1-channel surround sound audio
- Backward compatible with DisplayPort 1.1 and 1.1a

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

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

- Owner’s manual

Specifications

OVERVIEW	
UPC Code	037332193353
Product Type	Splitter
Technology	DisplayPort
Host Connector	DISPLAYPORT (MALE)
VIDEO	
Max Supported Video Resolution	3840 x 2160 (4K) @ 60Hz
Max Supported Color Depth	48-bit Deep Color
3D Video Supported	Yes
AUDIO	
Audio Specification	7.1 Channel Surround Sound, DTS-HD and Dolby TrueHD
INPUT	
AC Power Adapter Plug(s)	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.)	4.5
AC Power Adapter Cord Length (m)	1.4

POWER	
Power Source Type	AC Adapter
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
DC Barrel Plug	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	3.7
CONNECTIONS	
Number of Ports	3
Side A - Connector 1	DISPLAYPORT (MALE)
Side B - Connector 1	(3) DISPLAYPORT (FEMALE)
Connector Plating	Nickel
Contact Plating	Gold
Input x Output	1 x 3
Daisy-chainable / Cascadable	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x3) Orange (Monitor Signal); (x1) Green (Power)
PHYSICAL	
Color	Black
Material of Construction	Plastic
Cable Length (ft.)	0
Cable Length (m)	0.00
Rackmountable	No
Shipping Dimensions (hwd / in.)	8.43 x 2.17 x 6.46
Shipping Dimensions (hwd / cm)	21.41 x 5.51 x 16.41
Shipping Weight (lbs.)	0.84
Shipping Weight (kg)	0.38
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Dimensions (hwd / cm)	10.8 x 7.5 x 2.4
Unit Dimensions (hwd / mm)	108 x 75 x 24
Unit Packaging Type	Box
Unit Weight (lbs.)	0.2
Unit Weight (kg)	0.09
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	0-85% non-condensing
BTUs	12.62 BTU/Hr
COMMUNICATIONS	
EDID Compatible	Yes
FEATURES & SPECIFICATIONS	
MST Support	Yes
Displayport Specification	1.2
HDCP Specification	1.3
Driver Required	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; UL; cUL
Product Compliance	RoHS; REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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