

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.

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

MODEL NUMBER: **B156-002-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 B156-002-DVI-V2 2-Port DisplayPort 1.2 to DVI MST Hub connects two DVI 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 both monitors, extend the desktop across them, or combine both as one large monitor in video wall mode.

The B156-002-DVI-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 1080p @ 60 Hz (1920 x 1080). 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 B156-002-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 DisplayPort source. LEDs indicate when the monitors are receiving a signal. The B156-002-DVI-V2 complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

### Features

### Highlights

- Supports HD video resolutions up to 1080p @ 60 Hz (1920 x 1080)
- 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.
- 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

- B156-002-DVI-V2 2-Port DisplayPort to DVI Multi-Monitor Splitter, MST Hub, DP1.2, TAA
- USB Micro-B cable, 3 ft.
- Owner's manual



**Connects 2 DVI 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 2 monitors simultaneously in mirror mode  
Extends desktop across 2 monitors in extended mode  
Combines 2 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 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 configuration or 1920 x 2160 in a vertical 2 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 Anywhere**Works with all operating systems  
Plug and play—no software, drivers or external power supply required  
Included USB Micro-B cable provides power

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

## Specifications

| OVERVIEW                          |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| UPC Code                          | 037332193377                                              |
| Technology                        | DVI; DisplayPort                                          |
| Host Connector                    | DISPLAYPORT (MALE)                                        |
| VIDEO                             |                                                           |
| Max Supported Video Resolution    | 1080p @ 60 Hz (1920 x 1080)                               |
| Max Supported Color Depth         | 48-bit Deep Color                                         |
| 3D Video Supported                | Yes                                                       |
| AUDIO                             |                                                           |
| Audio Specification               | DTS-HD, Dolby TrueHD and 7.1-channel surround sound audio |
| POWER                             |                                                           |
| Power Consumption (Watts)         | 4.1                                                       |
| USER INTERFACE, ALERTS & CONTROLS |                                                           |
| LED Indicators                    | (x2) Orange (Monitor Signal)                              |
| PHYSICAL                          |                                                           |
| Material of Construction          | Plastic                                                   |
| Color                             | Black                                                     |
| Rackmountable                     | No                                                        |
| Shipping Dimensions (hwd / cm)    | 20.07 x 14.22 x 4.32                                      |
| Shipping Dimensions (hwd / in.)   | 7.90 x 5.60 x 1.70                                        |



|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| Shipping Weight (kg)                 | 0.19                                                      |
| Shipping Weight (lbs.)               | 0.41                                                      |
| Unit Dimensions (hwd / in.)          | 3.0 x 2.4 x 1.0                                           |
| Unit Dimensions (hwd / cm)           | 7.6 x 6.15 x 2.55                                         |
| Unit Dimensions (hwd / mm)           | 76 x 61.5 x 25.5                                          |
| Unit Packaging Type                  | Box                                                       |
| Unit Weight (lbs.)                   | 0.154                                                     |
| Unit Weight (kg)                     | 0.07                                                      |
| <b>ENVIRONMENTAL</b>                 |                                                           |
| 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                                                 |
| <b>COMMUNICATIONS</b>                |                                                           |
| EDID Compatible                      | Yes                                                       |
| <b>CONNECTIONS</b>                   |                                                           |
| Number of Ports                      | 2                                                         |
| Side A - Connector 1                 | 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                                                      |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                                           |
| Displayport Specification            | 1.2                                                       |
| HDCP Specification                   | 1.3                                                       |
| Driver Required                      | No                                                        |
| MST Support                          | Yes                                                       |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                                           |
| Certifications                       | CE, FCC, RoHS, and REACH                                  |
| <b>WARRANTY</b>                      |                                                           |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                                   |



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