

- A computer with a DisplayPort v1.2 compatible Graphics Card (e.g. AMD Radeon with AMD Eyefinity technology) is required to display in video wall mode. Backward compatible with most DisplayPort 1.1a equipment running current graphics drivers, with the feature set being limited to that of your equipment (e.g. you may be limited to displaying in Clone / Mirror mode only). Compatibility with older graphics cards is 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 will be dependent upon your graphics card. Check the specifications of your graphics card to determine its capabilities.

## 2-Port DisplayPort to DVI Multi-Monitor Splitter, MST Hub, 3840 x 1200 @ 60Hz, DP1.2, TAA

MODEL NUMBER: **B156-002-DVI**



Ideal for digital signage at schools, airports and other public venues that require a DisplayPort video signal to appear on two separate DVI monitors or expanded across both monitors as a video wall.

### Description

Get everyone's attention by broadcasting awesome messages in high definition video! With Tripp Lite's B156-002-DVI 2-Port DisplayPort 1.2 to DVI MST Hub, you can split or expand a single DisplayPort signal into two separate signals and display them on two DVI monitors using standard DisplayPort (Tripp Lite P580-Series or P583-Series) and DVI (Tripp Lite P560-Series) cables. You can display the same image on each monitor, extend the desktop across them, or display in video wall mode where monitors are combined to display as one, enlarged monitor. The B156-002-DVI supports HD video resolutions up to 1920 x 1200 / 1080p @ 60Hz, 48-bit Deep Color (16 bits per channel), and is compatible with HDCP, EDID and DDC. When displaying in video wall mode, resolutions up to 1920 x 2400 (1x2) and 3840 x

### Highlights

- Compliant with DisplayPort 1.2
- Display the same image on each monitor, extend the desktop across them, or display in video wall mode where monitors are combined to display as one
- Supports computer video resolutions up to 1920 x 1200, and HD resolutions up to 1080p
- Allows for video resolutions up to 1920 x 2400 (1x2) and 3840 x 1200 (2x1) when in video wall mode

### System Requirements

- A computer with a DisplayPort v1.2 compatible Graphics Card (e.g. AMD Radeon with AMD Eyefinity technology) is required to display in video wall mode.
- Mac OS X does not support MST for NVIDIA and Intel Graphics Processor Units, limiting video display on the connected monitors to mirror mode.
- Backward compatible with most DisplayPort 1.1a equipment running current graphics drivers, with the feature set being limited to that of your equipment (e.g. you may be limited to displaying in Clone / Mirror Mode only). Compatibility with older graphics cards is not guaranteed.
- Maximum supported video resolutions and number of

1200 (2x1) are supported. It comes with an external power supply and brackets for wall-, rack- or pole-mounting. All mounting hardware is included. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

## Features

### Splitting, Extending, Multi-Display

- Splits or expands a DisplayPort video signal on two DVI monitors
- Display the same image on each monitor, extend the desktop across them, or display in video wall mode where monitors are combined to display as one, enlarged monitor
- Supports computer video resolutions up to 1920 x 1200, and HD resolutions up to 1080p
- Allows for video resolutions up to 1920 x 2400 (1x2) and 3840 x 1200 (2x1) when in video wall mode

### Video Standards and Protocols

- Supports up to 48-bit Deep Color (16 bits per channel)
- Complies with HDCP, EDID and DDC
- Compatible with DisplayPort 1.2
- Compatible with Apple® Thunderbolt connectors

### Installation

- Plug-and-play; no software or drivers required
- Easy to install; connect the DisplayPort video source to the hub's input port, connect the external power supply and finally connect the two DVI monitors to the output ports

### Mounting Options

- Wall-, rack- or pole-mounting; all mounting hardware is included

### TAA-Compliant for GSA Schedule Purchases

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

## Specifications

| OVERVIEW                       |   |
|--------------------------------|---|
| UPC Code                       | 037332175885  |
| AC Adapter                     | Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft. |
| Technology                     | DVI; DisplayPort                                      |
| Host Connector                 | DISPLAYPORT (MALE)                                    |
| VIDEO                          |   |
| Max Supported Video Resolution | 3840 x 1200 @ 60Hz                                    |
| Max Supported Color Depth      | 48-bit Deep Color                                     |

monitors will be dependent upon your graphics card. Check the specifications of your graphics card to determine its capabilities.

- A monitor with a DVI port.

### Package Includes

- B156-002-DVI Multi-Monitor Splitter, MST Hub
- Mounting Hardware
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.)

|   |  |
|---|--|
| 3D Video Supported                              | Yes  |
| <b>INPUT</b>                                    |  |
| External Power Supply Plug(s)                   | NEMA 1-15P North America                             |
| <b>POWER</b>                                    |  |
| 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 7.5mm, Positive Pin, Negative Sleeve |
| External Power Supply Certifications            | FCC; UL; cUL   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b>    |  |
| LED Indicators                                  | (x2) Orange (Monitor Signal); (x1) Green (Power)     |
| <b>PHYSICAL</b>                                 |  |
| Color   | Black  |
| Material of Construction                        | Metal  |
| Rackmountable                                   | No   |
| Shipping Dimensions (hwd / cm)                  | 18.29 x 16.51 x 5.59                                 |
| Shipping Dimensions (hwd / in.)                 | 7.20 x 6.50 x 2.20                                   |
| Shipping Weight (kg)                            | 0.45   |
| Shipping Weight (lbs.)                          | 1.00   |
| Unit Dimensions (hwd / cm)                      | 11.5 x 6.24 x 2.7                                    |
| Unit Dimensions (hwd / in.)                     | 4.5 x 2.5 x 1.1                                      |
| Unit Dimensions (hwd / mm)                      | 115 x 62.4 x 27                                      |
| Unit Packaging Type                             | Box  |
| Unit Weight (kg)                                | 0.39   |
| Unit Weight (lbs.)                              | 0.86   |
| <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  |

|                                      |   |
|--------------------------------------|---|
| Power Consumption (Watts)            | 4.1   |
| <b>COMMUNICATIONS</b>                |   |
| EDID Compatible                      | Yes   |
| <b>CONNECTIONS</b>                   |   |
| Ports                                | 2   |
| Side A - Connector 1                 | DISPLAYPORT (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            | 1.2a  |
| HDCP Specification                   | 1.3   |
| Driver Required                      | No  |
| <b>SPECIAL FEATURES</b>              |   |
| MST Support                          | Yes   |
| <b>STANDARDS &amp; COMPLIANCE</b>    |   |
| Certifications                       | FCC, RoHS, and REACH                                      |
| <b>WARRANTY</b>                      |   |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                                   |

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