



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

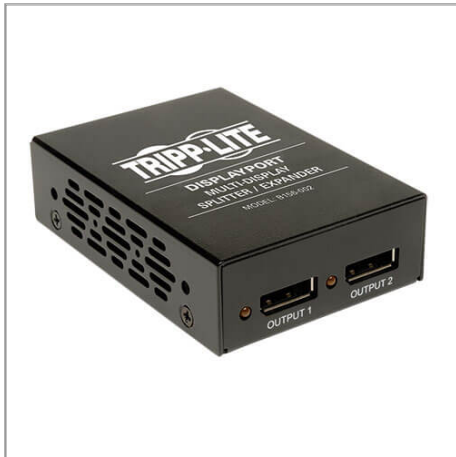
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



- 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 1.2 Multi-Stream Transport (MST) Hub, 3840 x 2160 4Kx2K UHD, TAA

MODEL NUMBER: **B156-002**



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

Description

Get everyone's attention by broadcasting awesome messages in ultra-high definition video! With Tripp Lite's B156-002 2-Port Multi-Display Video Splitter/Expander, you can split or expand a single DisplayPort signal into two separate signals and display them on two DisplayPort monitors using standard DisplayPort cables (Tripp Lite P580-Series or P583-Series). 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 supports 4Kx2K Ultra-High Definition (UHD) video resolutions up to 3840x2160 (24 and 30Hz), 48-bit Deep Color (16 bits per channel), and is compatible with HDCP, EDID and DDC. It is compliant with DisplayPort v1.2. It comes with an external power supply and brackets for

Highlights

- Compliant with DisplayPort 1.2
- Splits or expands a DisplayPort audio/video signal on two DisplayPort 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
- Supports 4K x 2K Ultra High Definition (UHD) video resolutions up to 3840 x 2160 (24 and 30 Hz) - see System Requirements
- Supports up to 48-bit Deep Color (16 bits per channel)
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

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



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 a DisplayPort video signal to simultaneously display the same signal on two DisplayPort monitors, or expands it across both monitors as in video wall mode
- Displays can be placed up to 25 ft. away from the splitter/expander; the video source can be up to 16 ft. away from the splitter/expander (6 ft. is recommended).
- Supports both 4Kx2K (3840x2160 at 24 and 30Hz) UHD video and standard 1080p (1920x1080 at 60Hz) high-definition video

Video Standards and Protocols

- Supports up to 48-bit Deep Color (16 bits per channel) and video resolutions up to 4K Ultra High Definition (UHD), 3840x2160 (24 and 30Hz)
- Complies with HDCP, EDID and DDC
- Compatible with DisplayPort 1.2
- Compatible with Apple® Thunderbolt connectors (using P583-Series Mini Displayport to Displayport adapter cable)

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 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

- 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 monitors will be dependent upon your graphics card. Check the specifications of your graphics card to determine its capabilities.
- A monitor with a Displayport input port.
- For international use, the B110-INT power supply can be purchased separately; it features plugs for the UK, Europe, and Australia

Package Includes

- B156-002 Multi-Display Splitter/Expander
- Mounting hardware
- Bracket (for wall-, rack- or pole-mounting)
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.)

Specifications

OVERVIEW	
UPC Code	037332175878
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
Technology	DisplayPort (all types)



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

PHYSICAL	
Shipping Dimensions (hwd / in.)	7.20 x 6.50 x 2.20
Shipping Dimensions (hwd / cm)	18.29 x 16.51 x 5.59
Shipping Weight (lbs.)	1.00
Shipping Weight (kg)	0.45
Unit Dimensions (hwd / in.)	1.00 x 3.60 x 2.52
Unit Dimensions (hwd / cm)	2.54 x 9.144 x 6.4
Unit Weight (lbs.)	1
Unit Weight (kg)	0.45
Color	Black
CONNECTIONS	
Ports	2
Side A - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 1	(2) DISPLAYPORT (FEMALE)
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>