DisplayPort 1.2 to 4-Port DisplayPort MST Splitter
User Reference Guide

Introduction

The *DisplayPort 1.2 to 4-Port DisplayPort MST Splitter* boosts your productivity by connecting four DisplayPort independent monitors to your DP-enabled computer through Multi-Stream Transport(MST) solution.

Key Features and Benefits

- Capable of multiple display modes for various applications. Mirror mode, Extended mode with individual content on each display, and Panoramic video wall mode which combines multiple monitors as one enlarged display
- Supports UHD video resolutions up to 3840x2160 (4Kx2K) and 7.1-ch surround audio
- Compatible with DisplayPort 1.2 graphics cards with AMD Eyefinity or NVIDIA Surround technology
- Plug-n-play, hassle-free set up - no software or driver installation needed
- Premium aluminum housing delivers efficient heat dissipation for dependable performance and superior electro-magnetic shielding for optimal viewing quality

Specifications

Chipset	STDP4320
Compliance	DisplayPort 1.2a
Output signal	DisplayPort
Maximum resolution	3840x2160 @30Hz
Audio	7.1-ch surround audio
Display mode	Mirror, Extended, and Panoramic video wall mode
Connectors	Input: 1x 20-pin, DisplayPort, Male Output: 4x 20-pin, DisplayPort , Female Power: Micro-USB, Female
Housing material	Aluminum
Built-in cable length	10.24" (overall)
Dimensions	4.13" (W) x 0.65" (H) x 2.60" (D)
Weight	0.30lbs

Package Contents
- *DisplayPort 1.2 to 4-Port DisplayPort MST Splitter*
- Micro-USB power cable
- User Reference Guide

System Requirements
- PC with an available DisplayPort 1.2 connection
- Windows® 10 / 8.1 / 8 / 7 (32-/64-bit)

Layout

Micro-USB power port

DisplayPort In

DisplayPort Output (x4)

Figure 1: DisplayPort 1.2 to 4-Port DisplayPort MST Splitter

- **DisplayPort In:** Connect to PC's DisplayPort
- **DisplayPort Output (x4):** Connect to DisplayPort displays with DisplayPort cables (not included)
  ***Note**: This *MST Splitter* works with different types of displays such as HDMI, DVI and VGA (DisplayPort adapters aren't included). SIIG provides various Display adapters which can fulfill your needs. Please visit our website at www.siig.com for details.
- **Micro-USB power port (no data transfer)**: Connect to a USB port using the included Micro-USB power cable
  ***Note**: This connection is required to power the adapter.

Hardware Installation

Important: If the source's DisplayPort signal doesn't support DP 1.2, the Multiple Stream Transport function will be disabled and this adapter becomes a splitter, mirroring your video source across all displays.

1. Power off all devices you plan to connect to the unit.
2. Connect the unit to your PC's DisplayPort connector.
3. Connect your DisplayPort monitors to the unit's DisplayPort **outputs** with DisplayPort cables (not included).
4. Connect the unit's **Micro-USB power port** to power USB port for power source with the included cable.
5. Power on all of the connected devices.
6. The Splitter is ready for use.

Application

Adds 4 external monitors to maximize productivity.

Figure 2

Monitors & Resolutions Support

The total bandwidth of 21.6 Gbps is shared among all

attached monitors. If the total bandwidth is consumed with high resolutions by the first few monitors, the remaining monitors will be disabled (no video output).

Please refer to the table below:

Screen 1 Resolution	Screen 2 Resolution	Screen 3 Resolution	Screen 4 Resolution
1920 x 1080 @60Hz	1920 x 1080 @60Hz	1920 x 1080 @60Hz	1920 x 1080 @60Hz
1920 x 1200 @60Hz	1920 x 1080 @60Hz	1920 x 1080 @60Hz	1920 x 1080 @60Hz
3840 x 2160 @30Hz	1920 x 1080 @60Hz	1920 x 1080 @60Hz	OFF
3840 x 2160 @30Hz	1920 x 1200 @60Hz	1920 x 1080 @60Hz	OFF

Note: When Screen 1 and 2 are set with resolution 3840 x 2160 @30Hz, the third and fourth screens will be disabled.

For AMD Eyefinity Video Cards

Go to **AMD Radeon Settings**, and click **Eyefinity** for advanced display mode setup such as video wall. Refer to your graphic card menu for more details.
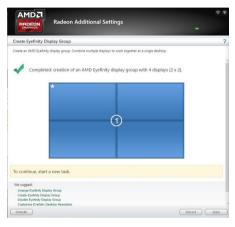

Figure 3

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at *www.siig.com* and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product. This warranty is not transferable and is available only to the original purchaser of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

   Step 1: Submit your RMA request.

   Go to **www.siig.com**, click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to SIIG RMA or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

   Step 2: After obtaining an RMA number, ship the product.

   - Properly pack the product for shipping. All accessories that came with the original package must be included
   - Include a copy of your original sales receipt inside the package with date of purchase and place of purchase circled and clearly visible
   - Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton
   - You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

     SIIG, Inc.
     6078 Stewart Avenue
     Fremont, CA 94538-3152, USA
     RMA #: _____

   - SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, VARs and through e-commerce sites.