DisplayPort to HDMI 4-Port Expander with Video Wall Array Support Quick Installation Guide

Introduction

The *DisplayPort to HDMI 4-Port Expander with Video Wall Array Support* distributes one DisplayPort source to four HDMI displays and supports video wall array function.

Key Features and Benefits

- Distribute content from one DisplayPort to four HDMI outputs
- Works as a splitter with the same content on each display or expand mode, joining multiple screens together to display the same content
- Supports max resolution of 3840x1024
- Supports video wall function: Tiling multiple screens together to form one large screen, or panoramic view

Package Contents

- *DisplayPort to HDMI 4-Port Expander with Video Wall Array Support*
- Power adapter
- Housing rubber pad (4)
- Quick installation guide

Layout

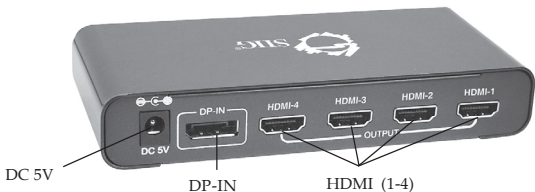

DC 5V

DP-IN

HDMI (1-4)

Figure 1: Rear Panel

- **DC 5V:** Power adapter jack for the included 5V power adapter
- **DP-IN:** Connects to your DisplayPort source
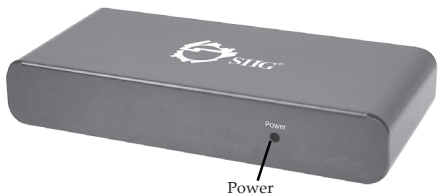- **HDMI (1-4):** HDMI signal output. Connects to your HDMI displays

Power

Figure 2: Front Panel

• **Power:** Power LED indicator

Hardware Installation

1. Power off all devices you plan to connect to this splitter.
2. Connect your source's DisplayPort out to the splitter's **DP-IN** using a DisplayPort cable (not included).
3. Connect your monitors to the splitter's **HDMI Output** with HDMI cables (not included).
4. Connect the included power adapter to the splitter's power jack and plug it into a reliable power outlet.
5. Power on all of the connected devices.
6. The splitter is ready for use.

Application

DisplayPort source
(NB, PC, etc)

DP cable
(up to 5m)

HDMI cable
(up to 15m)

HDMI cable   HDMI cable   HDMI cable

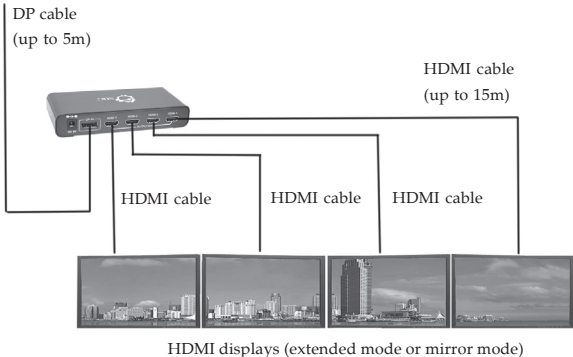HDMI displays (extended mode or mirror mode)

Figure 3: Application

- Supports input transmission distance up to 5M, and 15M for output

- Supports resolution up to 3840x1024

- When the output resolution is higher than 1920x1080p, the displays will be in extended mode that supports video wall or panoramic view

Supported Video Resolutions

Refer to the following table for the supported resolution under different conditions:

Supported Video Resolutions					
Two Monitors		Three Monitors		Four Monitors	
Computer Setting	Each Monitor	Computer Setting	Each Monitor	Computer Setting	Each Monitor
3840 x 1200	1920 x 1200	3840 x 800	1280 x 800	3840 x 768	960x768
2560 x 1024	1280 x 1024	3840 x 1024	1280 x 1024	3200 x 600	800x600
2048 x 768	1024 x 768	3072 x 768	1024 x 768	2888 x 480	720x480
3360 x 1050	1680 x 1050	2400 x 600	800 x 600	2560 x 480	640x480
2880 x 900	1440 x 900	3840 x 720	1280 x 720		
1600 x 600	800 x 600	2160 x 480	720 x 480		
1280 x 480	640 x 480	3840 x 960	1280 x 960		
2800 x 1050	1400 x 1050				

Table 1

Note: The actual output resolution is determined by the EDID of each display. We suggest that you use the same brand and model displays for the best video output.

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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 3-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 three (3) years from the date of purchase 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.
> - 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, and VARs in the Americas and the UK, and through e-commerce sites.