



DPD2001

DisplayPort to Dual DisplayPort
Graphics Splitter



Introduction

SUNIX DPD2001 DisplayPort graphics splitter is an innovative, external multi-display adapter that allows end users to enjoy multiple monitors from a single digital DisplayPort source for each application, such as gaming, graphics design or spreadsheet analysis. Users can choose to dedicate each monitor to a separate application.

SUNIX DisplayPort graphics splitter lets you combine two DisplayPort monitors as one display, at a maximum resolution of 3840x1200, to make the ultimate wide screen desktop. This graphics expansion module can also clone your primary display and function as a 2 Port DisplayPort Video Splitter.

Compatible with a DisplayPort video card, SUNIX DisplayPort graphics splitter dongle requires no software installation for multi-display applications, plug-n-play, simplifying configuration and saving time. It works for standard Microsoft Windows PC with DisplayPort connectivity.

Features

- Ideal for multi-display and TV-Wall application.
- Works with any desktop or notebook computer which has DisplayPort output connectivity.
- Enable 2 DisplayPort monitors working simultaneously with video mirror or extension mode.
- Fully HD compatible and provides full display performance with virtually zero latency.
- Compatible with DisplayPort™ v1.2 / 1.1a, VESA DDM, and EDID v1.4 Standards.
- Supports exceptional Secured Content Protection with HDCP 1.3 for digital content.
- DisplayPort link rates of 5.4Gbps (HBR2), 2.7Gbps (HBR) and 1.62Gbps (RBR).
- Supports kinds of DisplayPort video dongles converting to HDMI, DVI, or VGA output connectivity.
- Driver Free, Plug & Play without configuration.
- Certified by CE, FCC, VCCI, BSMI, C-Tick, and RoHS.

Applications

DP1.2 MST Mode

Mirror Mode



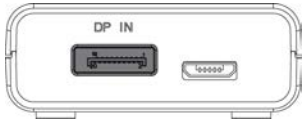
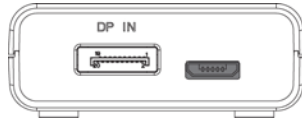
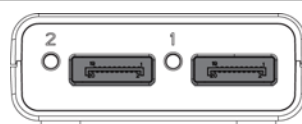
Extend Mode



DP1.1 SST Mode



Specifications

Model	DPD2001	
Description	DisplayPort to Dual DisplayPort Graphics Splitter	
Interface	DisplayPort™ v1.2 / 1.1a	
Video Input Connectivity	DisplayPort™ v1.2 / 1.1a Female (Left Side)	
Reserve Power Input	USB Micro B +5VDC@500mA (Right Side)	
Video Output Connectivity	DisplayPort™ v1.2 / 1.1a Female x 2	
Audio Output Connectivity	Digital Audio output over DisplayPort (Audio channel selected over Windows Audio control panel)	
Resolution Support	Two Monitors	
	Computer Settings	Each Monitor
	3840 x 1200	1920 x 1200
	3840 x 1080	1920 x 1080
	3360 x 1050	1680 x 1050
	3200 x 1200	1600 x 1200
	2800 x 1050	1400 x 1050
	2880 x 900	1440 x 900
	2560 x 1024	1280 x 1024
	2048 x 768	1024 x 768
	1600 x 600	800 x 600
1280 x 480	640 x 800	
Power Consumption	1.45W, +3.3VDC DisplayPort Bus Power	
Case Material	ABS	
Weight	65g ± 2g (2.3oz)	
Dimensions	92.5x60.5x22.0mm	
Regulatory Approvals	EUR: CE, EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3 US: FCC Part 15 Class B TAIWAN: BSMI: CNS13438 AS/NZS: C-Tick: CISPR22 JAPAN: VCCI	

O.S. support	Windows XP/2003/Vista/7/2008/8/8.1 (32/64-bit)
Environment	Operation temp. 0 °C ~ 40 °C (32-104°F) Operation humidity: < 85% non-condensing Storage temp. -10 °C ~ 85 °C (14~176°F)

Note:

1: Based on a Vertical Refresh Rate of 60Hz.

2: GPU dependent. EDID (Extended Display Identification Data) maximum resolution capabilities may differ from GPU capability.

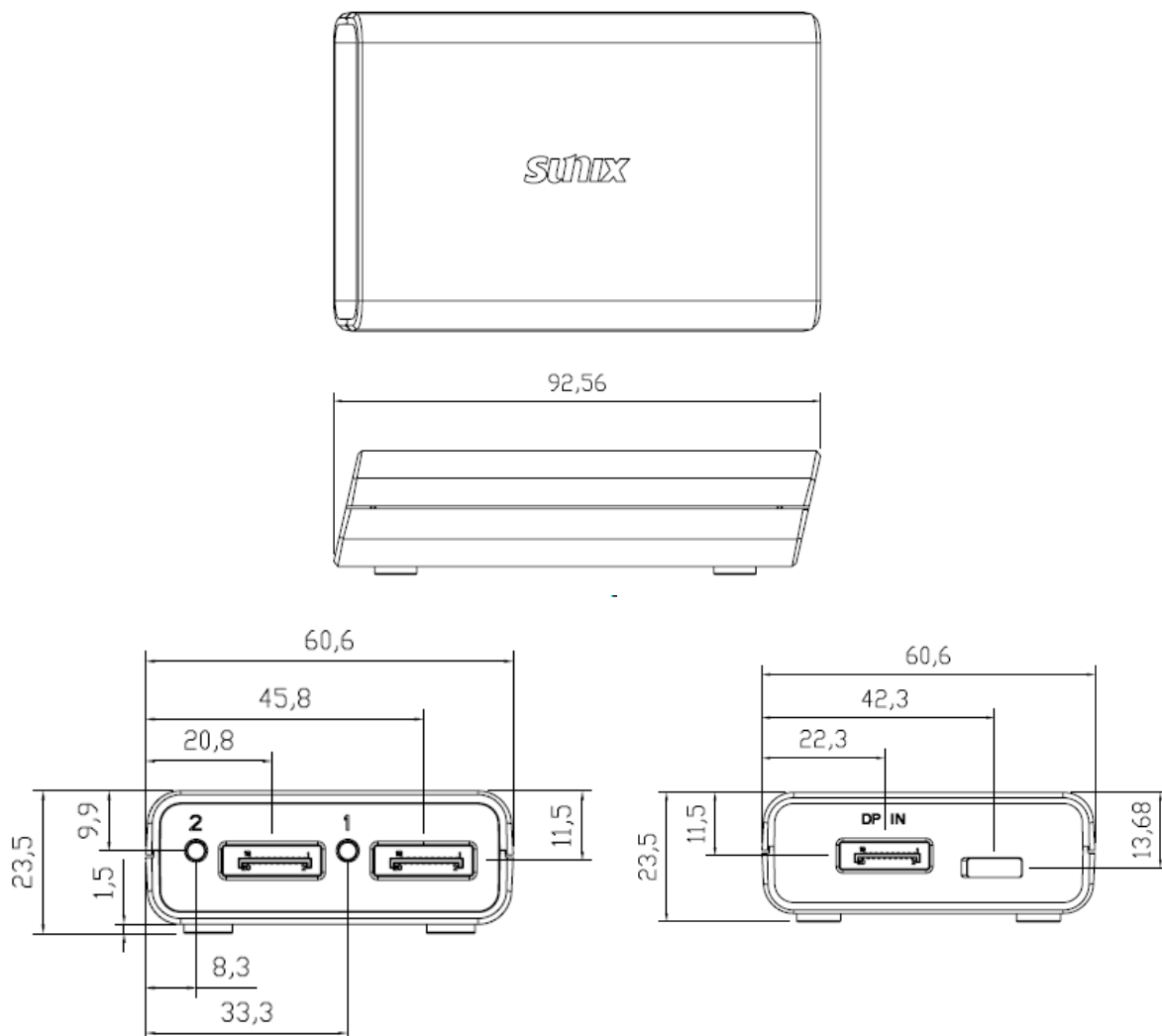
3: Tiny Universal DisplayPort Graphics Splitter does not support MAC system without NV or AMD graphics card built-in.

Disclaimer

Unit may need additional power to operate. Additional power can be provided to the unit via Micro-B USB port +5VDC connection. Micro-B USB cable is **NOT** provided with the unit.

-Note*: This product requires power to operate. Generally, when connecting to one to two monitors, the power supplied from the computer should be enough to power the unit and to have a stable connection between the monitors and this unit. However; sometimes the unit may need more power in order to function properly, such as when connecting to more than two monitors, or when the monitors require too much power then what can be provided from the connection from your PC alone. In this regards, the unit has a reserve power connection. The power connection is for a Micro-B USB port +5VDC cable, such as those to power Android products. Unfortunately, we DO NOT provide this power cable with the unit.

Mechanical Drawings (Unit = mm)



Package

- DisplayPort to Dual DisplayPort Graphics Splitter x1
- Quick Installation Guide
- DisplayPort Male to DisplayPort Male cable 200mm (8.0 ft.) x 1 (Optional)
- Mini-DisplayPort Male to DisplayPort Male cable 100mm (4.0 ft.) x 1 (Optional)

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