

DATA SHEET

DPMSTHUB-4P

MST HUB - DISPLAYPORT™ 1.2, 4K, 4-PORT

24/7 TECHNICAL SUPPORT AT 1.877.877.2269 OR VISIT BLACKBOX.COM



BLACK BOX®

OVERVIEW

MST HUB-DISPLAYPORT 1.2, 4K, 4-PORT

INTRODUCTION

The DPMSTHUB-4P 1x4 DisplayPort™ 1.2 MST Hub/Splitter provides the most cost effective and advanced DisplayPort splitter solution on the market that allows high definition video and high quality audio to be transmitted to four different locations without losing quality. It can extend the laptop or desktop to additional displays and stream independent content to each individual display, making multitasking easier and increasing your productivity. The DPMSTHUB-4P can mirror the same image or split an image to multiple displays for multi-monitor setups.

FEATURES

- DisplayPort 1.2 compliant
- Supports 4K2K@60 4:4:4 8bits
- Supports 7.1 ch surround audio
- HDCP 1.3 compliant
- Video bandwidth: 21.6 Gbps
- Supports SST or MST (Multi-Stream Transport)
- Supports xvYCC, x.v.Color & Deep Color
- Plug and Play installation

SPECIFICATIONS

MST HUB-DISPLAYPORT 1.2, 4K, 4-PORT

SPECIFICATION CHART	
SPECIFICATION	DPMSTHUB-4P
TECHNICAL	
ROLE OF USAGE	1x4 MST Hub/Distribution Amplifier (Splitter)
DP COMPLIANCE	DisplayPort™ 1.2
HDCP COMPLIANCE	HDCP 1.3
VIDEO BANDWIDTH	21.6Gbps
VIDEO SUPPORT	4K2K@60 (4:4:4 8bits)
AUDIO SUPPORT	LPCM, AC3, DTS
ESD PROTECTION	Human body model – ±15kV [air-gap discharge] & ±8kV [contact discharge]
PCB STACK-UP	4-layer board [impedance control – differential 100Ω; single 50Ω]
INPUT	1x DP
OUTPUT	4x DP
DP CONNECTOR	Normal type
MECHANICAL	
HOUSING	Metal enclosure
DIMENSIONS	0.6" H x 2.9" W x 4.1" D (1.6 x 7.3 x 10.5 cm)
WEIGHT	0.24 lb (.18 kg)
POWER SUPPLY	5V 1A DC
POWER CONSUMPTION	4 Watts [max]
OPERATING TEMPERATURE	32 to 104°F (0 to 40°C)
STORAGE TEMPERATURE	-4 to 140°F (-20 to +60°C)
RELATIVE HUMIDITY	20 to 90% RH (no condensation)



SPECIFICATIONS

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SIDE 1 VIEW



SIDE 2 VIEW

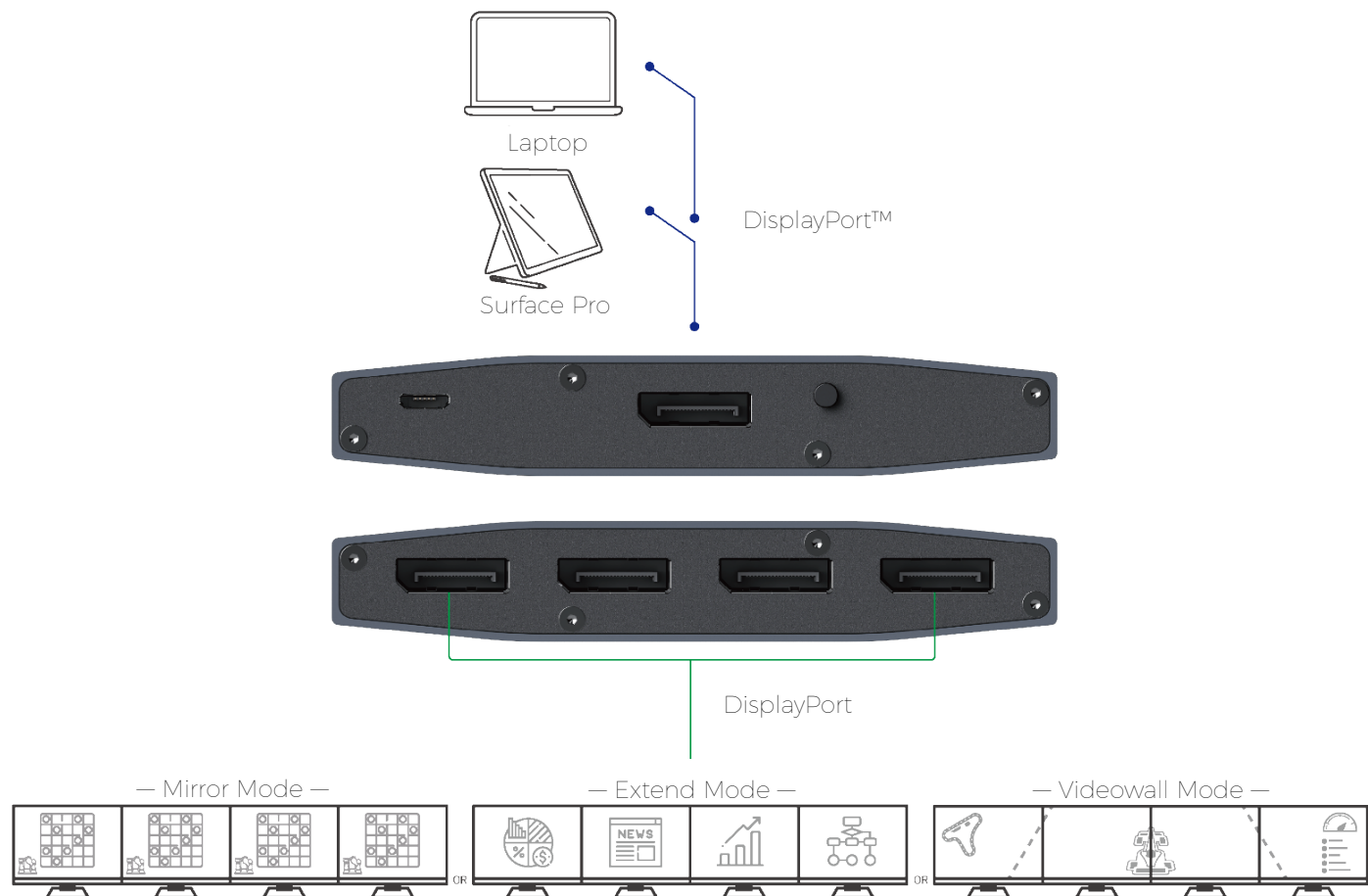
WHAT'S INCLUDED

MST HUB-DISPLAYPORT 1.2, 4K, 4-PORT

- (1) DisplayPort™ MST Hub, 1-to-4
- (1) DisplayPort Cable, M/M, 12" (30 cm)
- (1) USB Cable for power input, USB Type A to USB Type B Micro, 19" (48cm)

CONNECTION DIAGRAM

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NOTE: Mirror Mode using Windows Display Utility and NVIDIA Utility is limited to two displays.

NOTE: Video Wall Mode (for example, Panoramic) requires either an AMD Eyefinity, Intel, or NVIDIA Surround technology graphics adapter.

ORDERING INFORMATION

MST HUB-DISPLAYPORT 1.2, 4K, 4-PORT

ITEM	CODE
MST HUB-DISPLAYPORT™ 1.2, 4K, 4-PORT	DPMSTHUB-4P

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