

# DATA SHEET

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DPMSTHUB-4P

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

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24/7 TECHNICAL SUPPORT AT 1.877.877.2269 OR VISIT [BLACKBOX.COM](http://BLACKBOX.COM)



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# 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

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



SIDE 1 VIEW



SIDE 2 VIEW

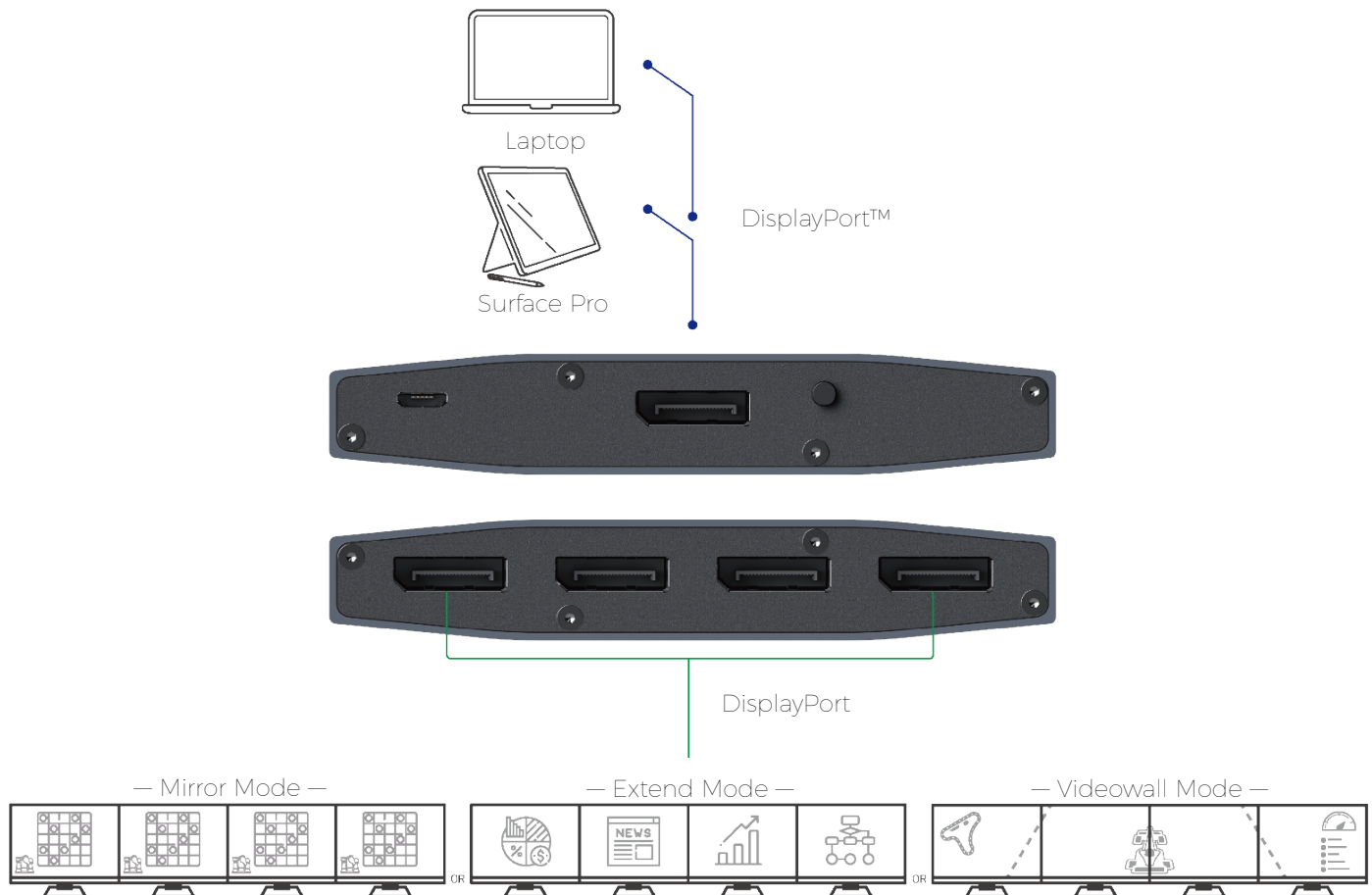
# WHAT'S INCLUDED

## 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

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



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

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

ITEM	CODE
MST HUB-DISPLAYPORT™ 1.2, 4K, 4-PORT	<b>DPMSTHUB-4P</b>

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Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.

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