MS-Unilink100S

4K60 4:4:4 USB-C DP Alt Mode
and HDMI to HDMI switch

MS Solutions





Description:

The MS-Unilink100S is a high-performance, compact switch engineered to switch between DisplayPort Alt Mode USB-C and HDMI input signals to an HDMI output, delivering pristine video output while providing up to 100W of USB Power Delivery (PD) to the host laptop.

This addition to the DPA product line is designed to bridge modern USB-C laptops with existing HDMI-based meeting room infrastructure.

Key Features:

- USB-C input support 4/2 lanes of DP Alt Mode supporting 4K60 4:4:4
- HDMI2.0 input supporting 4K60 4:4:4
- Robust Video performance, supporting 4K60 4:4:4 resolution (18G)
- Power delivery up to 100W for laptop charging
- Seamless switching between the 2 inputs
- Plug&Play - no drivers needed
- Compact and reliable design for easy and flexible installation

Technical Specifications:

Technical	
HDCP Compliance:	HDCP 2.1
Video Bandwidth:	18Gbps
Audio Latency:	No latency
Video Latency:	No latency
Video Resolution:	Up to 4K60 4:4:4
Color Depth:	8/10/12-bit
Color Space:	RGB, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
ESD Protection:	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Input:	1x USB Type C with DP Alt Mode support and USB power delivery up to 100W (PD2.0/ PD3.0) 1x HDMI2.0 Type A female
Output:	1x HDMI2.0 Type A female
Power Delivery:	up to 100W

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Technical Specifications (cont.):

Mechanical	
Housing:	Metal enclosure
Silkscreen Color:	Black
Dimensions:	142mm (W) × 70mm (D) × 32mm (H)
Weight:	400g
Power Supply:	Input: AC100 - 240V 50/60Hz Output: DC 24V/5A (US/EU standards, CE/FCC/UL certified)
Power Consumption:	13W
Operating Temperature:	-10°C ~ 45°C (14°F ~ 113°F)
Storage Temperature:	-20°C ~ 60°C (-4°F ~ 140°F)
Relative Humidity:	20%~90% (relative humidity, non-condensing)

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