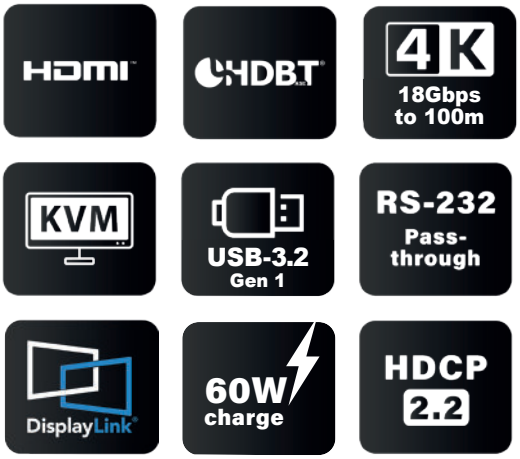
MS-63DOC-P

MSolutions

USB-C docking extension system – up to 100m
with 60W charging from Host



Description:

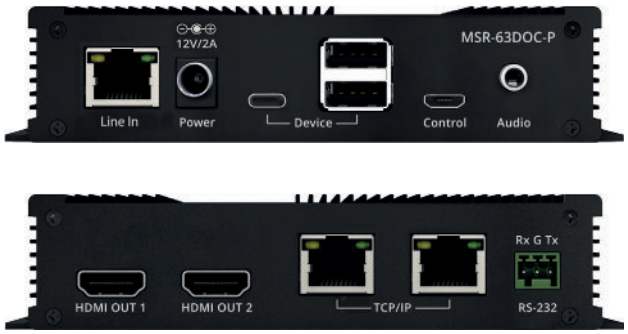
The MSolutions MS-63DOC-P Docking extender is a revolutionary solution that simplifies installation and consolidates all video, audio and data signals through a single USB-C cable – including a 60W charge of the laptop from the Host unit. More than a simple receiver, the MS-63DOC Device plays the role of a docking extender capable of feeding up to two 4K60 displays (via separate HDMI connections), 3 USB devices including PTZ cameras (via USB 3.2 or USB-C connections) and an audio speaker system. The Device unit also has a built-in IP controller for any 3rd party IP devices.

Key Features:

- Solves the challenge of extending USB 3.2 camera data, video and audio over a single category cable up to 100m
- A USB channel for up to 5Gbps data connectivity of USB devices across the link
- Flexible USB extension for: PTZ cameras, hard drives, laptops and other USB peripherals
- Bi-directional RS-232 serial pass through
- 1x USB-C & 2x USB-A at Device side
- 2-port Ethernet hub at Device side
- Extended mode display – two HDMI ports for two individual streams
- A built-in programmable IP controller for any 3rd party devices with an IP API

Host

Device



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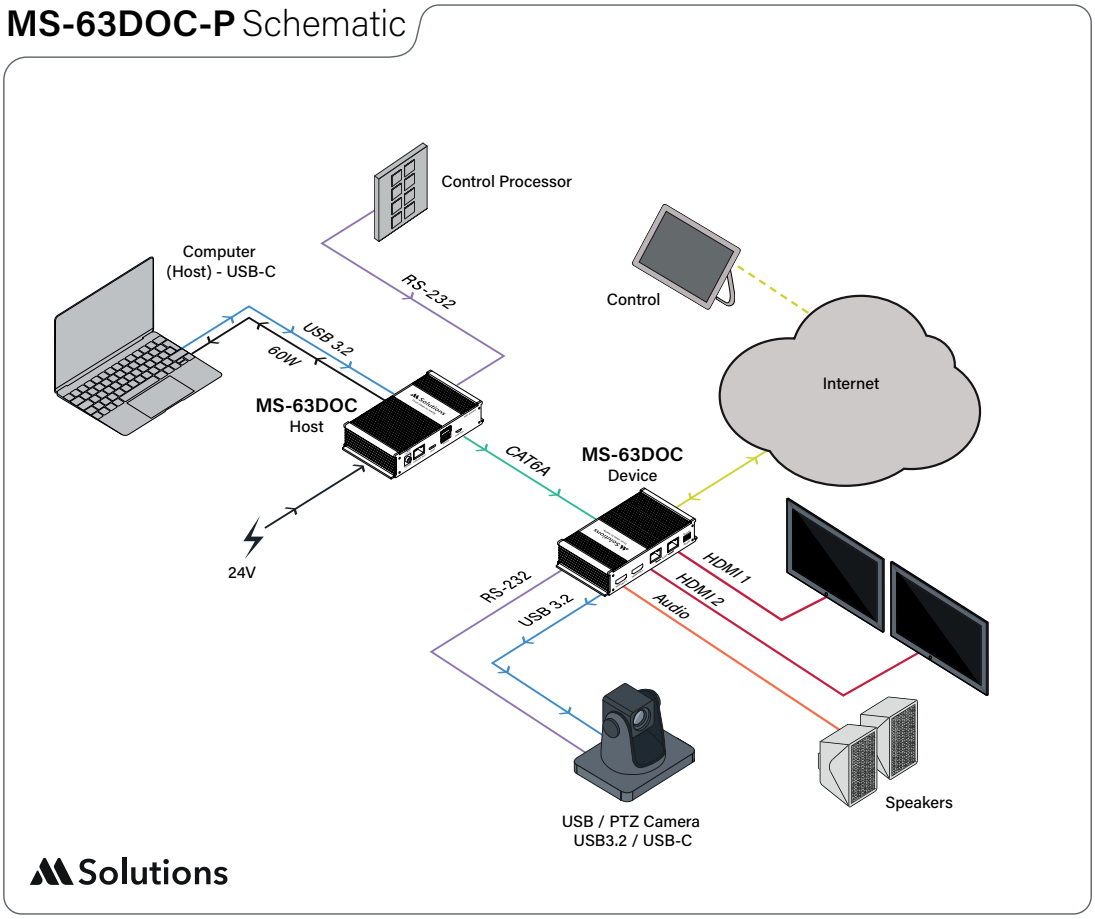
MS-63DOC-P Schematic



Specifications:

- USB connectivity Host: 1x USB-C (female) - data & video
- USB connectivity Device: 2X USB-A and 1X USB-C USB3.2 gen1 data
- Micro-USB connectivity (Host & Device): for product update, and Cloud control (future)
- On device side, 2X HDMI 4K60 outputs with extended view support
- RS-232 connectivity (Host & Device): 1x 3-pin phoenix connector, block included
- Power supply: 1 x 12V 2A DC, 1 x 24V 4A DC
- Power consumption: 7W
- 2x Ethernet ports RJ-45
- Individual unit dimensions (WxDxH): 60 x 84 x 25mm
- Individual unit weight: 300g
- Package dimensions (WxDxH): 163 x 147 x 85mm
- Package weight: 350kg
- Master carton quantity: 18
- Master carton dimensions (WxDxH): 540 x 270 x 260mm
- Master carton weight: 10kg
- Operating temperature: 32°F to 104°F (0°C to 40°C)
- Storage temperature: -4°F to 140°F (-20°C to 60°C)
- Operating humidity: 0-80% non condensing
- Installation requires CAT6A cable or above

RoHS Compliant

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