MS-3RU-P

Solutions

Uncompressed 4K 60Hz 4:4:4 (18Gbps) up to 100m,
with USB-C, PoC, RS-232 pass through and 60W charging





Description:

The MS-3RU-P is a 4K 60Hz 4:4:4 uncompressed HDMI and USB-C extender supporting 4K HDR video (18Gbps) to a distance of up to 100m over single CAT6A (minimum) cable with 4K resolutions including dHDR (HDR10+ and Dolby Vision at 60Hz). It also supports a single USB-C (USB3 compatible) data channel while providing 60W of charge to the host PC. It provides bi-directional PoC (Power over Cable) allowing for either the TX or RX to be powered.

Host



Device



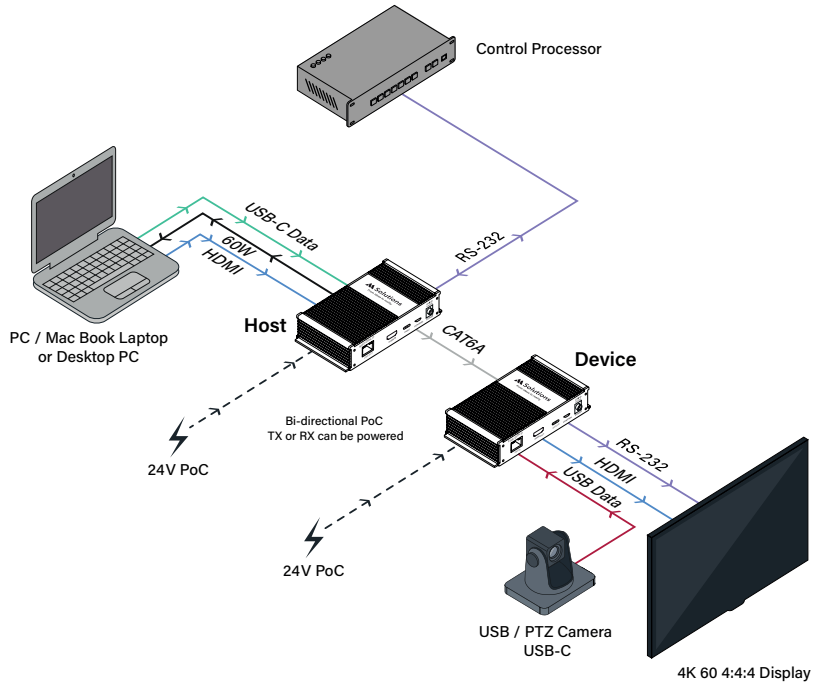
Key Features:

- Video connectivity TX: 1x HDMI input (female), 1x HDBaseT output (RJ45 keystone)
  Video connectivity RX: 1x HDBaseT input (RJ45 keystone), 1x HDMI output (female)
- USB connectivity TX: 1x USB-C (female) – data only
  USB connectivity RX: 1x USB-C (female) – data only
- RS-232 connectivity (TX & RX): 1x 3-pin phoenix connector, block included
- Power supply: 1x 24V 4A DC
- Power consumption: 13W
- Individual unit dimensions (W x D x H): 143 x 70 x 31 mm
- Individual unit weight: 0.1kg
- 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

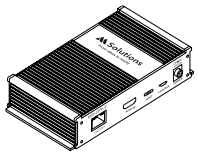
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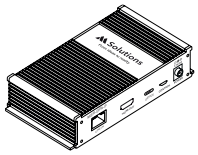
MS-3RU-P Schematic



Host



Device



USB-C Data
RS-232
USB
HDMI

Specifications:

- Host (TX): 1x link output (RJ45 port), 1x USB-C (female) - data and laptop charging
- 1X HDMI Input for video
- Micro-USB connectivity for product update, and Cloud control and monitoring
- Device (RX): 1x link input (RJ45 port), 1x female USB-C (USB3 compatible) for data, 1x HDMI output for video
- Micro-USB connectivity for product update, and Cloud control and monitoring
- RS-232 connectivity (Host & Device): 1x 3-pin phoenix connector, block included
- Power supply: 1x 24V 4A DC
- Power consumption: 13W
- Charging Power: 60W
- Individual unit dimensions (W x D x H): 143 x 70 x 31mm
- Individual unit weight: 0.2kg
- Package dimensions (W x D x H): 163 x 147 x 85mm
- Package weight: 1kg
- 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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