

MS-310U1R XR

HDBaseT Extender Set

MSolutions



Description:

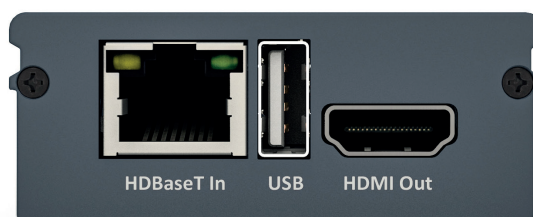
The MSolutions MS-310U1R XR is a 4K HDMI / KVM HDBaseT extender set allowing for uncompressed video and audio to be extended up to 100m at 4K UHD (10.2Gbps), and 130m at 1080p or lower resolutions. A single USB2.0 channel allows for bi-directional USB client to host connectivity for a variety of applications. The unit also features RS-232 serial pass-through. Bi-directional PoC (power over cable) allows for either the TX or RX to be powered.

Key Features:

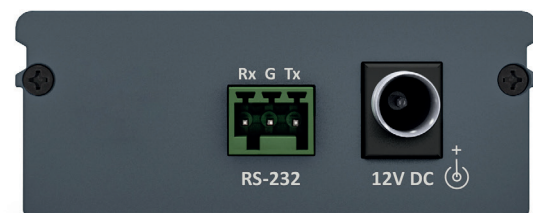
- Uncompressed extension of HDMI at resolutions up to 4K 60Hz 4:2:0 / 4K 30Hz 4:4:4 using HDBaseT technology
- 4K signal extension to 100m over single CAT including HDR formats supported under 10.2Gbps
- 1080p or lower video resolutions up to 130m over single CAT
- Supports HDMI pass-through all known HDMI audio formats including Dolby Atmos / DTS:X
- 1x USB2.0 channel for KVM connectivity of USB devices across the link - max 200Mbps data rate pass-through
- Flexible USB extension for: USB2.0 cameras, touch screens, smart boards, hard drivers, games controllers, USB audio devices, printers, scanners and HID's (mouse or keyboard)
- Bi-directional 12V PoC (Power over Cable)
- CEC (Consumer Electronics Control) pass through
- HDCP2.2 compliant



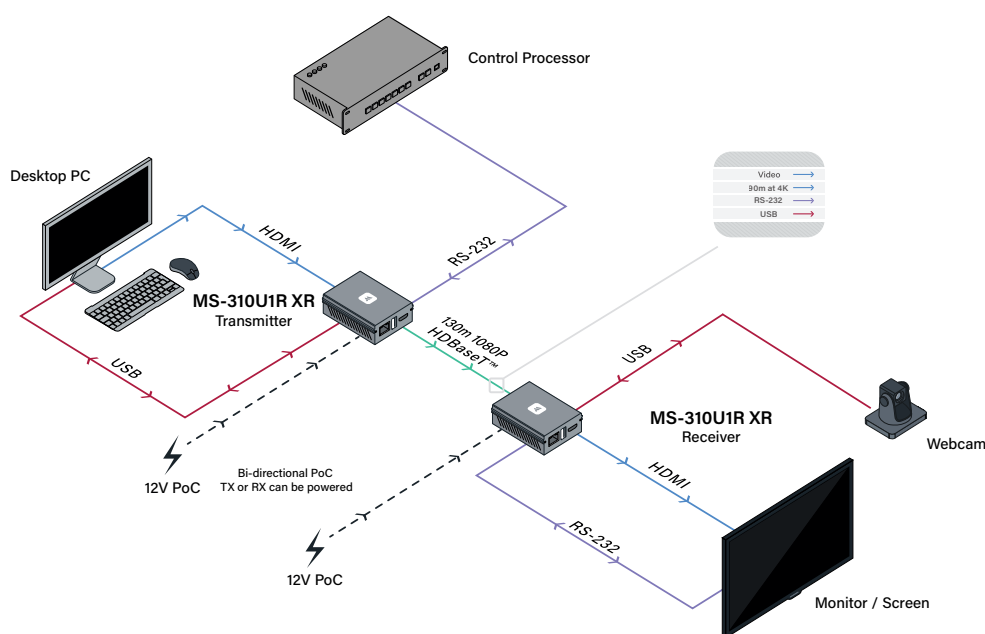
Receiver



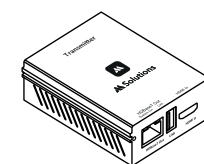
Transmitter



MS-310U1R XR Schematic



MS-310U1R XR
Transmitter



MS-310U1R XR
Receiver



HDMI
HDBaseT™
RS-232
USB

Specifications:

- 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 & RX): 1x USB Type A (female)
- RS-232 connectivity (TX & RX): 1x 3-pin phoenix connector, block included
- Power supply: 12V 2A DC
- Power consumption: 8W
- Individual unit dimensions (W x D x H): 60 x 84 x 25mm
- Individual unit weight: 0.1kg
- Package dimensions (W x D x H): 163 x 147 x 85mm
- Package weight: 0.5kg
- Master carton quantity: 18
- Master carton dimensions (W x D x H): 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



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