

MS-210U1R

HDBaseT Extender Set

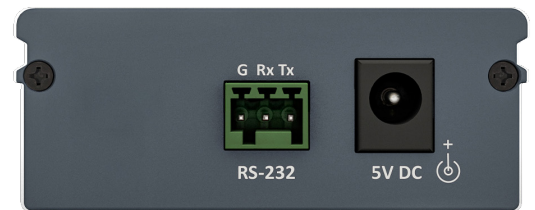
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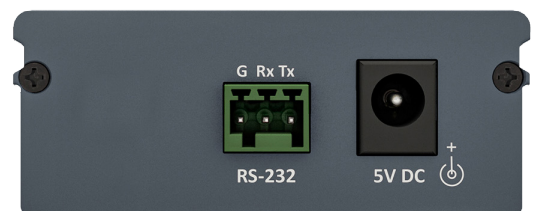
Description:

The MSolutions MS-210U1R is a 4K HDMI / KVM HDBaseT extender set allowing for uncompressed video and audio to be extended up to 40m at 4K UHD (10.2Gbps), and 70m 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.

Receiver



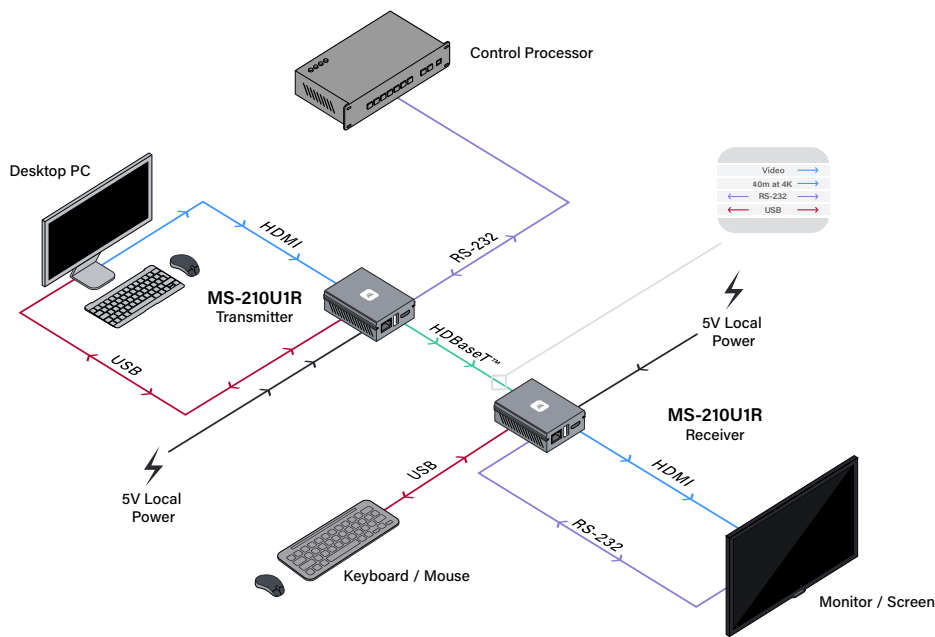
Transmitter



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 40m over single CAT including HDR formats supported under 10.2Gbps
- 1080p or lower video resolutions up to 70m 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 a USB device 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 or HID's (mouse or keyboard)
- Bi-directional RS-232 serial pass through
- CEC (Consumer Electronics Control) pass through
- HDCP2.2 compliant

MS-210U1R Schematic



MS-210U1R
Transmitter



MS-210U1R
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: 2x 5V 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): 160mm x 130mm x 75mm
- 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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