

MS-3R

Un-compressed 4K 60Hz 4:4:4 (18Gbps)

M Solutions



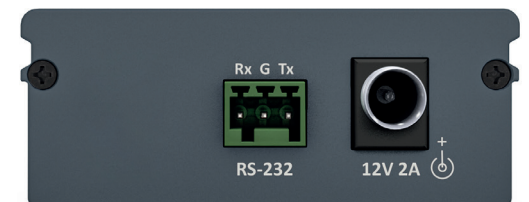
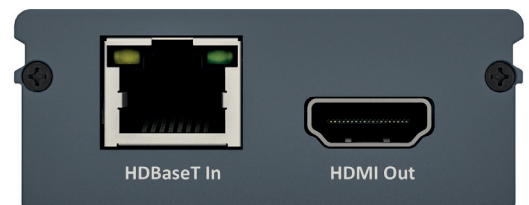
Description:

The MSolutions MS-3R is a 4K 60Hz 4:4:4 un-compressed HDMI extender using uncompressed HDBaseT technology to extend 4K HDR video (18Gbps) to a distance of up to 100m over single CAT cable with 4K resolutions including dHDR (HDR10+ and Dolby Vision at 60Hz). The extender provides bi-directional RS-232 between TX to RX, or RX to TX. Bi-directional PoC (Power over Cable) allows for either the TX or RX to be powered.

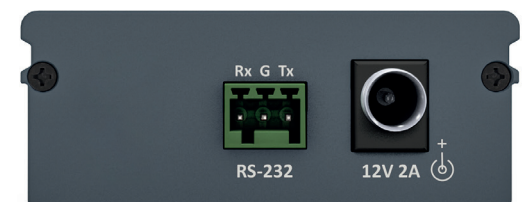
Key Features:

- Uncompressed extension of HDMI at resolutions up to 4K 60Hz 4:4:4 using HDBaseT Spec 3.0 technology
- 4K signal extension to 100m over single CAT6A including HDR
- Supports HDMI pass-through all known HDMI audio formats including Dolby Atmos / DTS:X
- Bi-directional 12V PoC (Power over Cable)
- Bi-directional RS-232 serial pass through
- CEC (Consumer Electronics Control) pass through
- HDCP2.2 compliant

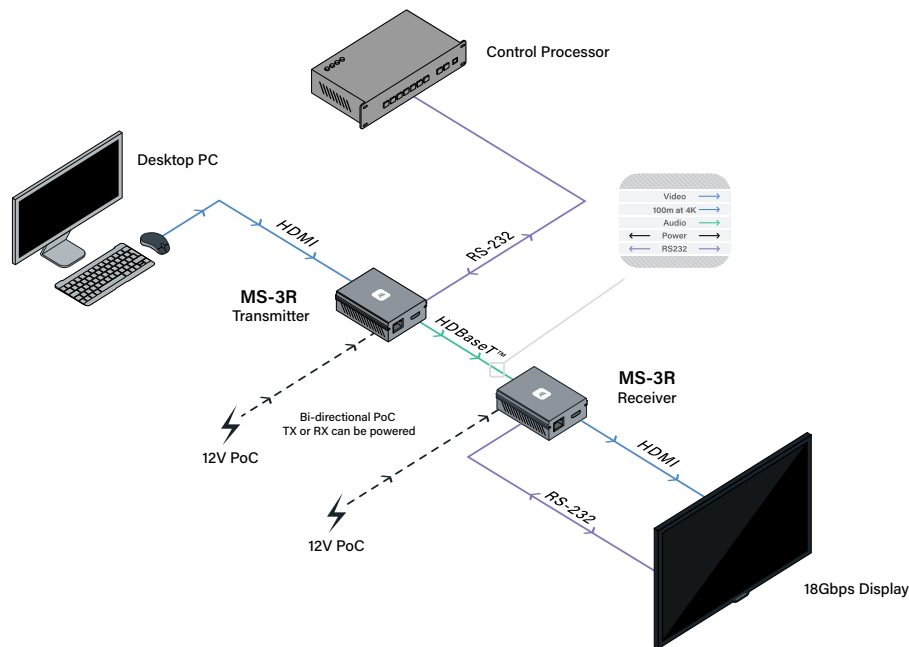
Receiver



Transmitter



MS-3R Schematic



Solutions

MS-3R
Transmitter



MS-3R
Receiver



HDMI
HDBaseT™
RS-232

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)
- RS-232 connectivity (TX & RX): 1x 3-pin phoenix connector, block included
- Power supply: 1x 12V 2A DC
- Power consumption: 13W
- 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
- 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



Version - RevA0

UK: +44 (0)115 824 0296
EU: +34 911 232 072
USA (Toll Free): +1 888 3458995
Israel: +972 3 7207710
sales@m4sol.com

Solutions
From ideas to reality.