



120M (4K@60 4:4:4) HDR HDBaseT Extender

K5883

SKU: 25086

This 18Gbps HDMI Extender can extend high definition video / audio signal, RS-232, bi-directional IR, and the distance is up to 492ft / 150 meters between transmitter and receiver via a single CAT cable. It supports resolution up to 4K2K@60Hz 4:4:4, 18Gbps and HDCP 2.2. One HDMI loop port is available for output. It also supports de-embedded audio for L/R audio output and PoC function. In addition, the extender is equipped with two-way IR pass-through which allows for source and display control. This HDMI extender includes two units: transmitter unit and receiver unit. The transmitter unit is responsible for capturing HDMI input signal and carrying the signal via one cost effective Cat5e/6 cable, and transmitting / emitting IR control signals. The receiver unit is responsible for receiving the HDMI signal and transmitting / emitting IR control signal. The extender offers the most convenient solution for HDMI extension via a single Cat5e/6 with long distance capability, and is the perfect solution for any application.

Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Supports video resolutions up to 4k2@60hz 4:4:4
- Transmission distance up to 394ft/120 meters for 4k, and 492ft/150 meters for 1080p
- Supports one HDMI loop output on transmitter
- De-embedded audio to analog stereo output on the receiver
- With bi-directional IR, RS-232 and CEC pass-through
- HDR, HDR10 +, Dolby Vision and HLG function supported
- Supports PoC (Power over Cable)
- Compact design for easy and flexible installation

Technical HDCP Compliance HDCP 2.2 / HDCP 1.4 Video Bandwidth 18Gbps Video Resolution 4K2K 50/60Hz 4:4:4, 4K2K 50/60Hz 4:2:2, 4K2K 50/60Hz 4:2:0, 4K2K 30Hz 4:4:4, 1080p, 1080i, 720p, 720i, 480p, 480i...All HDMI 3D TV formats...All PC resolutions including 1920 x 1200 Color Space RGB / YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0 Color Depth 8/10/12-bit (1080P60Hz, 4K30Hz, 4K60Hz YCbCr 4:2:2/4:2:0) 8-bit (4K60Hz 4:4:4) HDMI Audio Formats LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus(DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X L/R Audio Formats PCM 2.0 ESD Protection Human body model "" ±8kV (Air-gap discharge) & ±4kV (Contact discharge) Connection Transmitter Inputs: 1x HDMI Type A [19-pin female]; Outputs: 1x HDMI Type A [19-pin female] 1x HDBT OUT [RJ45, 8-pin female]; Control: 1x IR IN [3.5mm Stereo Mini-jack]; 1x IR OUT [3.5mm Stereo Mini-jack]; 1x RS-232 [Phoenix jack] 1x SERVICE [Mini-USB, Update port] Receiver Inputs: 1x HDBT IN [RJ45, 8-pin female] Outputs: 1x HDMI Type A [19-pin female] 1x AUDIO OUT [3.5mm Stereo Mini-jack], Control: 1x IR IN [3.5mm Stereo Mini-jack] 1x IR OUT [3.5mm Stereo Mini-jack], 1x RS-232 [Phoenix jack], 1x SERVICE [Mini-USB, Update port] Mechanical Housing Metal Enclosure Color Black Dimensions Transmitter / Receiver: 140mm [W] x 65mm [D] x 18mm [H] Weight Transmitter: 160g, Receiver: 155g Power Supply Input: AC 100 - 240V 50/60Hz Output: DC 24V/1A (Locking connector) Operating Temperature 9.36 W Storage Temperature 32 - 104°F / 0 - 40°C Relative Humidity -4 - 140°F / -20 - 60°C Power Consumption 20 - 90% RH (no condensation)