



4K UHD HDBaseT Extender

EX-70-G2

SKU: 20557 UPC: 814303000000

Super-compact HDBaseT extender set capable of transmitting 4K UHD video and HD audio formats up to 35m/115ft of Cat5e cable. Also compatible with HDCP2.2 protected content, the EX-70-G2 has powerful bi-directional pass-through of CEC, IR and RS-232. 2-way PoH means device can be powered from either end for flexible installation options.

Features

Extends 4K UHD video content to 35m/115ft

Compatible with 2160p 4:2:0 60Hz or 4:4:4 & RGB 30Hz Content

HDCP 2.2 encryption compliant

Extends 1080p HDMI signal to 70m/230ft

2ch PCM and multichannel audio supported up to DTS:X and Dolby Atmos

2-Way PoH provides flexible installation options allowing TX or RX only to be powered

Bidirectional IR & RS-232 pass-through

Automatic EDID Management (copy from sink device)

Supports CEC communication between devices

Low profile 15mm chassis allows easy installation behind flush-mounted screens

Threaded DC socket for secure power connection

Visual LED indication for power supply to units, signal status to show established display connection, HDCP presence in signal and HDBaseT link between devices

Audio and Video Inputs 1x HDMI In: 19-pin type A 1x HDBT In: 8-pin RJ-45 Female Outputs 1x HDBT Out: 8-pin RJ-45 Female 1x HDMI Out: 19-pin type A Output Video Encoding HDBaseT Class B Encoding Data Rate 9.2Gbps End to End Latency (Max) 10¹/₄s (micro seconds) Audio Formats 2ch PCM | Multi Channel up to Dolby Atmos and DTS-X Video Resolutions (Max) 1920x1080p @60Hz 12bit 15m/49ft 70m/230ft 100m/328ft 1920x1080p @60Hz 16bit 7m/23ft 70m/230ft 100m/328ft 3840x2160p @30Hz 8bit 4:4:4 7m/23ft 35m/115ft 70m/230ft 3840x2160p @60Hz 8bit 4:2:0 7m/23ft 35m/115ft 70m/230ft 4096x2160p @60Hz 8bit 4:2:0 7m/23ft 35m/115ft 70m/230ft Supported Standards DCI | RGB Maximum Pixel Clock HDMI: 300MHz | HDBaseT: 297MHz Communication and Control HDMI HDMI | HDCP (v1 chassis 1.4 | v2 chassis 2.2) | EDID Pass-through | CEC Pass-through DVI/D supported with adapter (not included) HDBaseT HDMI | HDCP (v1 chassis 1.4 | v2 chassis 2.2) | EDID Pass-through | 2-Way PoH | Bidirectional IR IR 1x IR TX: 3.5mm (1/8in) TS Mono | 1x IR RX: 3.5mm (1/8in) TRS Stereo RS-232 1x RS-232: 3-pin Phoenix (v2 chassis only) Power Power Supply 18V DC 1A PoH IEEE 802.3af 15.4W Max | 2-Way Max Power Consumption Transmitter: 7W | Receiver: 17W Environmental Operating Temperature 0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing Storage Temperature -20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing Maximum BTU Transmitter: 24 BTU/hr | Receiver: 58 BTU/hr Dimensions and Weight Rack Units/Wall Box <1U <1U Height 15mm/0.6in 15mm/0.6in Width 109mm/4.3in 108.8mm/4.29in Depth 64.2mm/2.53in 64.2mm/2.53in Weight 0.36kg/0.79lbs 0.36kg/0.79lbs Regulatory Safety and Emission CE | FCC | RoHS