



4K 18G PoH HDBaseT 40M HDMI Extenders

KD-X444S

SKU: 17709 UPC: 815996020709

4K/18G HDBT POH Extenders (Includes KIT Tx/Rx 4K/40meters 1080P/70meters)

Features

- **HD BaseT via Single CAT5e/6 UTP/STP Extension:** With fully automatic adjustment of feedback, equalization, and amplification depending on cabling length
- **4K Support:** 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- **Flexible Power over HDBaseT:** Only one power connection needed. Tx may power Rx, or Rx may power Tx.
- **Low Profile:** Super slim chassis design
- **Signal Extension:** For resolution and cable quality
 - » » 4K/UHD: 125 ft. (40m) maximum » » 1080p: 230 ft. (70m) maximum
- **HDR10 (High Dynamic Range):** More life-like images through a greater range of luminance levels
- **HDCP 2.2:** Compliancy up to HDCP 2.2 and backward compliant
- **Deep Color Support:** Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit
- **EDID Control:** Internal library with 15 EDID handshakes including 4K with HDR in addition to native EDID data from Output/Display device connected to Rx
- **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication with source & display, EDID Control handshake, and Hot Plug Detection control
- **IR Sensor:** Sensor powering via +5V on IR In ports collects line-of-sight IR from remote(s) without external IR connecting block
- **Up/Down IR:** Two channels of IR enable control to/from devices or control systems connected to Tx and Rx units
- **RS-232:** Bi-Directional control to/from Tx and Rx unit on Phoenix connector
- **Unit Control Mode:** Provides control of Tx unit as well as connectivity status
- **Lossless compressed digital audio:** Support for Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™
- **CEC Pass-thru:** For inter-device control between input and output HDMI channel
- **Control System Support:** Fully controllable by all RS-232 supported control systems via open API: Compass Control® Pro, AMX®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton® etc.

Technical: Inputs Tx (Each): 1 HDMI, 1 IR, 1 RS-232 Outputs Tx (Each): 1 HDBaseT, 1 IR, 1 RS-232 Inputs Rx (Each): 1 HDBaseT, 1 IR, 1 RS-232 Outputs Rx (Each): 1 HDMI, 1 IR, 1 RS-232 Bandwidth: TMDS bandwidth 18Gbps Deep Color Support: Digital video formats in Deep Color Mode up to 12 bits per color DDC Communication: EDID and HDCP Bi-directional buffering from Display to Source HDMI Connector: Type A, 19 Pin Female RJ45 Connector: Shielded Link Connector, HDBaseT IR Connector: 4-pin Phoenix RS-232 Connector: 3-pin Phoenix Power: (1) 12V/1.66A, 20W DC Power Supply (Screw-In Type). 100-240VAC, 50-60Hz. Interchangeable transformer plug with screw-in connector. SKU: KD-PS20W12VQ General: Regulation: CE, RoHS, WEEE, EAC Enclosure: Black Metal Product (Each): 4.1 x 2.8 x 0.875" , Weight: 0.75 lbs