

## 4K/18G HDBaseT Extenders

## KD-X444S

[Product Link](#)

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

## Key Features

- › **HDBaseT 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:** Up to 125 ft. (40m) using CAT5e/6
  - › **1080p:** Up to 230 ft. (70m) maximum (Valens VS10)
- › **10G Pass-thru:** Mode enables uncompressed 10.2Gbps signal extension
- › **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
- › **Hot Plug Detection Control:** Enables integrator to choose if active signal voltage is forced to connected input and output devices
- › **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
- › **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



## Specifications

- › 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
- › Regulation: CE, RoHS, WEEE, EAC
- › Enclosure: Black Metal
- › Product (Each): 4.1" x 2.8" x 0.875", Weight: 0.75 lbs
- › Accessories: 4x Mounting Brackets, 1x IR Emitter, 1x IR Sensor, 1x 3-pin Phoenix Connector, 1x 4-pin Phoenix Connector
- › 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

## System Design Example

