Key Digital Adds HDMI HDBaseT Extender Kit

Written by Frederick Douglas
07. 08. 2018

Key Digital announces the KD-X444S extender kit-- an HDCP 2.2 compliant device with a slim chassis ideal for residential installations requiring extension of HDMI signals up to 18Gbps via a single CAT5e/6 cable.

The KD-X444S supports HDR10 video through a greater range of luminance levels, and extends UHD/4K (4096x2160 / 3840x2160 24/25/30/60Hz) resolution video at 4:4:4 with bandwidth up to 18Gbps and Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio audio formats up to 40m using CAT5e/6 cabling. In addition, it extends 1080p video up to 70m with CAT6 cabling.

The extender features fully automatic feedback, equalisation and amplification adjustment depending on cabling lengths, meaning installers do not need to fine tune equalisation for each display. HDBaseT provides flexible power with only power power connection required, with the Tx providing power to the Rx or the Rx powering the Tx.

Full Buffer System manages TMDS re-clocking, signal re-generation, HDCP authentication with source and display, EDID control handshake and hot plug detection control. Installers have a choice of handshake delivered to the connected video source. Key Digital boasts an internal library of 15 EDID handshakes, including 4K handshakes complete with HDR Header information. Additional, native EDID data from the connected output/display devices can be added to the video source.

in addition to HDMI video and audio signals, the KD-X444S carries IR and RS232 for controlling remotely located equipment. IR sensor powering via +5V on IR in ports collects line-of-sight IR from remotes without an external IR connecting block. Two channels of IR and bi-directional RS232 enable control to/from devices or control systems connected to Tx and Rx units. CEC passthrough for inter-device control between input and output HDMI channels is also supported.

Key Digital Adds HDMI HDBaseT Extender Kit

Written by Frederick Douglas
07. 08. 2018

Go [Key Digital KD-X444S Extender Kit](#)

Go [Key Digital KD-X444S Extender Kit](#)