

Key Digital KD-XSWRx Power Over HDBaseT/HDMI via Single CAT5e/6 (Receiver) Extender

Power over HDBaseT/HDMI via Single CAT5e/6 (Rx) Extender, with EDID Control, Hot Plug Control, Full Buffer System, IR Sensor, Up/Down IR or RS-232, supports Ultra HD/4K & HDCP2.2.

Features:

- **Power over HDBaseT:** Features power extension from KD-Pro6x6/8x8CC to KD-XSWRx, does not require power supply
- **HDBaseT via Single CAT5e/6 UTP/STP Extension:** With fully automatic adjustment of feedback, equalization, and amplification depending on cabling length
- **Signal Extension:**
 - Up to 150 ft. @ 4K 24/25/30(4:4:4)/60(4:2:0) using KD-CAT6STP1X cabling
 - Up to 125 ft. @ 4K 24/25/30(4:4:4)/60(4:2:0) using third-party CAT5e/6 UTP/STP cabling
 - Up to 250 ft. @ 1080p / 1920x1200 using KD-CAT6STP1X cabling
 - Up to 230 ft. @ 1080p / 1920x1200 using third-party CAT5e/6 UTP/STP cabling
- **4K/Ultra HD Resolution:** Support for 4096x2160 or 3840x2160 24/25/30Hz at 4:4:4/8 Bit or 60Hz at 4:2:0/8 Bit
- **HDMI® and HDCP Licensing:** Fully licensed and compatible with HDCP 2.2 and HDMI latest technology such as 4K/UHD 4:2:0/8bit at 60f/s
- **EDID Control:** Internal library features 15 default EDID configurations and native EDID data from Output/Display devices connected via Rx
- **Hot Plug Detection Control:** Enables integrator to choose if active signal voltage is forced to connected input devices
- **Full Buffer System™:** Manages TMDS re-clocking / signal re-generation, HDCP authentication with source & display, EDID Control handshake, and Hot Plug control
- **IR Sensor:** Sensor powering via +5V on Rx unit's IR In port 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 connected to Tx and Rx units
- **RS-232:** Bi-Directional control to/from Tx and Rx unit on 3.5mm connector
- **3D:** Support for standard 3D stereoscopic signal formats
- **Deep Color Support:** 12bit Deep Color video / 8bit color for 4K/UHD
- **Lossless compressed digital audio:** Support for Dolby® TrueHD, Dolby® Digital Plus and DTS-HD Master Audio™
- **CEC Support:** For inter-device control between main input and output HDMI channel
- **I2C Communication:** EDID and HDCP authentication to Display and Source
- **Control System Support:** Compatible with Compass Control®, AMX®, Control4®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton® etc.