



4K 18G Smart Extender Kit

KD-XPS22U

SKU: 177771



4K 18G Smart Extender Kit. Includes KD-PS22UTx and KD-X100MRx. Extends HDMI, USB 2.0 KVM, LAN, IR, RS-232 up to 328ft (100m). Features 2x1 Switcher, Mirrored Output, eARC of HDMI or Optical Audio, Audio De-Embed, Power over CAT, CEC Display Control. IP Controllable, KD-App Ready, KDMS™ Pro Ready.

Features

- Signal Extension: 4K/UHD (18G): Up to 100m / 328ft • 1080p: Up to 150m / 492ft
- UHD/4K: Supports up to 4096x2160 or 3840x2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth)
- Visually Lossless Compression: 18G enabling technology applied to all video formats exceeding 10.2Gbps to accommodate HDBaseT transmission channel
- 10G Pass-thru: Mode enables uncompressed 10.2Gbps signal extension
- Mirrored Outputs: 2 HDMI and HDBaseT Outputs
- Auto-Switching: Automatic selection of newly detected source and switching from newly disconnected source when enabled
- Power Over HDBaseT: Tx can be powered by Rx unit
- CEC Manager™: Software API includes commands for controlling power, volume, and mute of connected CEC supporting display / projector
- Audio De-embedding: Audio of the selected HDMI input or returned audio signal is output at the digital coaxial PCM and analog 3.5mm stereo connectors.
- HDCP Licensing: Fully licensed and compatible with HDCP 2.2
- HDR10: More life-like images through a greater range of luminance levels
- Deep Color Support: Up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8 bit
- Full Buffer System™: Manages TMDS re-clocking / signal re-generation, HDCP authentication to source & display, EDID Control handshake, and Hot Plug Detection Voltage
- EDID Management: Internal library with 15 internal EDID handshakes including 4K with HDR in addition to native EDID data copied from the Rx display/device
- IR Bi-Directional control: Tx supports IR input via the included IR sensor and output via the included IR emitter
- RS-232: Bi-Directional control to/from Tx and Rx/Presentation Switch unit
- Unit Control Mode: Provides TCP/IP control and status of/from Tx unit
- Soft-Codec & KVM Enabling System: USB Host + Device ports on Tx and Rx create connectivity hub for professional USB cameras and microphones, audio DSP, keyboard, mouse, or touchscreen display with connected computer
- ARC/eARC: Audio may be returned from the connected display or Rx unit and output on the external analog & digital outputs
- Surround Sound Audio: Dolby® TrueHD, Dolby® Digital Plus, Dolby Atmos®, and DTS-HD Master Audio™ multi-channel audio formats
- KD-App Ready: Network scan & detect populates pre-built GUI including connected display/projector controls via CEC Manager™
- Control System Support: Key Digital® App Ready. Key Digital Management Software™ Pro (KDMS™ Pro) ready. Fully controllable by all IR, RS-232, and TCP/IP supported control systems via open API.