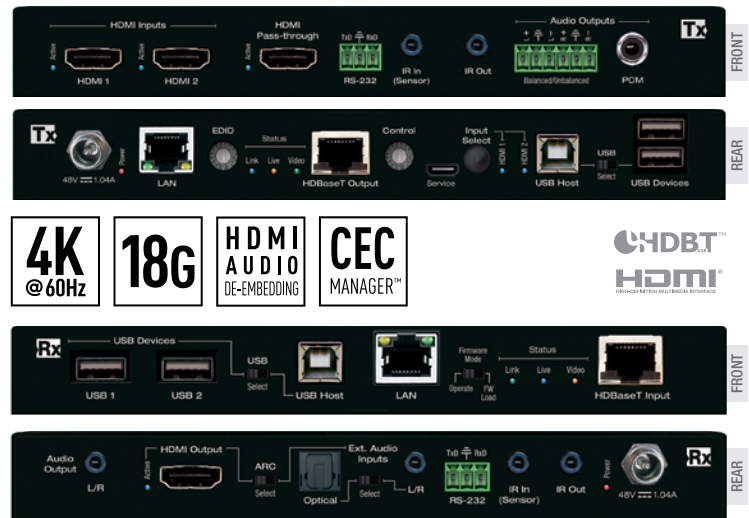


KD-XPS22U

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

KEY 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
- > **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:** 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.

SPECIFICATIONS

- » Regulation: CE, RoHS, WEEE, EAC
- » Enclosure: Black Metal
- » Product: 5.5 x 4.1 x 1.43" (200.3 x 153 x 25.4mm), Weight: 1 lbs



SYSTEM DESIGN EXAMPLE

