VIP-T300H-U 4K HDMI & USB/KM over IP Distribution System

The **VIP-T300H-U Rx 4K HDMI & USB/KM Over IP Distribution System** provides UltraHD/4K video, audio, RS-232, IR, and USB distribution and matrix switching capabilities over IP networks. The VIP-T300H-U can be used as a point-to-point extension system supporting distances up to 150 meters, as well as multi-signal distribution, switching, and matrix switching system using the VPX IP Video Management Software.

VIP-T300H-U TX

VIP-T300H-U RX

Key Features

• Ultra-low latency (<17mS)
• Maximum bandwidth 800Mpbs, nominal 250Mbps
• Fiber or CAT transport – 1G port
• Comprehensive diagnostics
  - Ability to detect sources, displays, signal data, EDID via API
  - Front panel diagnostics
  - Complete device diagnostics via API
• Capable of instant switching
• Multiple control interfaces:
  - Built-in web interface
  - Front panel buttons
  - IR remote control
  - VPX Management Software
  - Crestron module
  - 3rd party control development via API

• Extend up to 150 m. via CAT5e/CAT6
• HDCP 2.2 compliant
• Built-in video wall processing (up to 8x8)
• Built-in scaler on receiver (decoder)
• Image rotation 0, 90, 180 degrees
• IR extension
• RS232 extension, and TCP>RS232
• USB 2.0 for keyboard/mouse, camera, or hard drive
• HDMI loop-out on TX (encoder)
• Supports PoE 802.3af
• Supports Dolby, DTS, and LPCM audio
• Configure matrix switching systems supporting up to 999 sources and 65K displays
• TAA compliant

Technical Specifications

	VIP-T300H-U TX	VIP-T300H-U RX
SUPPORTED DISTANCE	150M (Use Network Switch Max 100M)	
SUPPORTED RESOLUTIONS	Up to 4K UHD 4:4:4 @ 30Hz	
HDCP COMPLIANCE	HDCP 2.2	
AUDIO FORMATS	Up to 7.1 LPCM 192Khz / Dolby True HD / DTS-HD Master Audio / ATMOS / DTS:X	
INPUT TYPE/S	(1) HDMI Type-A (1) 3.5mm Stereo Phone Jack (1) USB 2.0 Type B RS-232 (DB9 Female) Ethernet (RJ45) Fiber SFP (1G)	(1) 3.5mm Mono Phone Jack (2) USB 1.1 Type A (2) USB 2.0 Type A RS-232 (DB9 Male) Ethernet (RJ45) Fiber SFP (1G)
OUTPUT TYPE/S	(1) HDMI Type-A (loop-out) 3.5mm Stereo Phone Jack	(1) HDMI Type-A 3.5mm Stereo Phone Jack
POWER CONSUMPTION	600mA (Typical)	500mA (Typical, No USB Device)
POWER SUPPLY	DC 12V 1500mA	
PoE SUPPORT	802.3af	
DIMENSIONS	8.2" x 4.8" x 1.5"	6.5" x 4.0" x 1.5"
WEIGHT	1.5 lbs.	1.1 lbs.