The VIP-300H-U UltraHD 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 VIP300H-U can be used as a point-to-point extension system supporting distances up to 390 feet (120 meters), as well as multi-signal distribution, switching, and matrix switching system using the VPX IP Video Management Software. The VIP-300H-U brings to market the only IP Video system that offers reliable signal transmission across CAT or Fiber networks. The VIP-300H-U also features convenient setup functions allowing users to easily configure video wall displays up to an 8x8 configuration. The VIP-300H-U supports embedded HDMI, analog, and SPDIF audio and can be powered from 802.3af or higher compliant network switches.

**Key Features**
- HDCP 2.2 compliant
- Powered via 802.3af PoE
- Extremely Low Latency (<39mS)
- High Quality proprietary PureStreamX Ultra codec
- CAT connections standard
- Fiber SFP slot for optional modules
- Built-in video wall function (up to 8x8 configuration)
- USB 2.0 Keyboard/Mouse extension
- Bi-directional RS232 & IR
- Infrared remote control channel selection
- Video, audio, control & USB breakaway
- LED channel display
- Digital and analog audio insertion
- Compatible with VPX IP Video Management Software
- Four products in one:
  - Point to Point: KM extender up to 390 ft.
  - Distribution: 1 x TX to 65K x RX
  - Switching: 256 x TX to 1 x RX
  - Matrix: 256 x TX, 65K total TX/RX

**Technical Specification**
- SUPPORTED RESOLUTIONS: 480i to 4K30, 4:4:4 and 4K60, 4:2:0 (converted to 4K30)
- HDCP COMPLIANCE: HDCP 2.2
- TRANSMISSION: Up to 120m. (via CATx), Up to 60km. (via Fiber)
- USB PORT: TX: USB 2.0 Keyboard/Mouse only, RX: USB 2.0 Keyboard/Mouse only
- NETWORK: 2x USB type A
- RS232: 1x 3 pin phoenix
- VIDEO OUT: 1x HDMI w lock thread
- NETWORK: 1x 3 pin phoenix
- ANALOG AUDIO: 3.5mm stereo
- DIGITAL AUDIO: Toslink SPDIF - Dolby True HD, Dolby DTS-HD
- IR: 3.5mm 38-56 kHz
- POE: 802.3af
- POWER: 5V DC power supply included
- OPERATING TEMPERATURE: 32°F - 131°F (0°C - 55°C)
- DIMENSIONS: 6.69 x 4.53 x 0.98 in. (170 x 115 x 25 mm)
- WEIGHT: 1.1 Lbs | 500 g