VIP-300H-U-Tx/Rx UltraHD 4K HDMI & USB/KM over IP Video Distribution System

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.
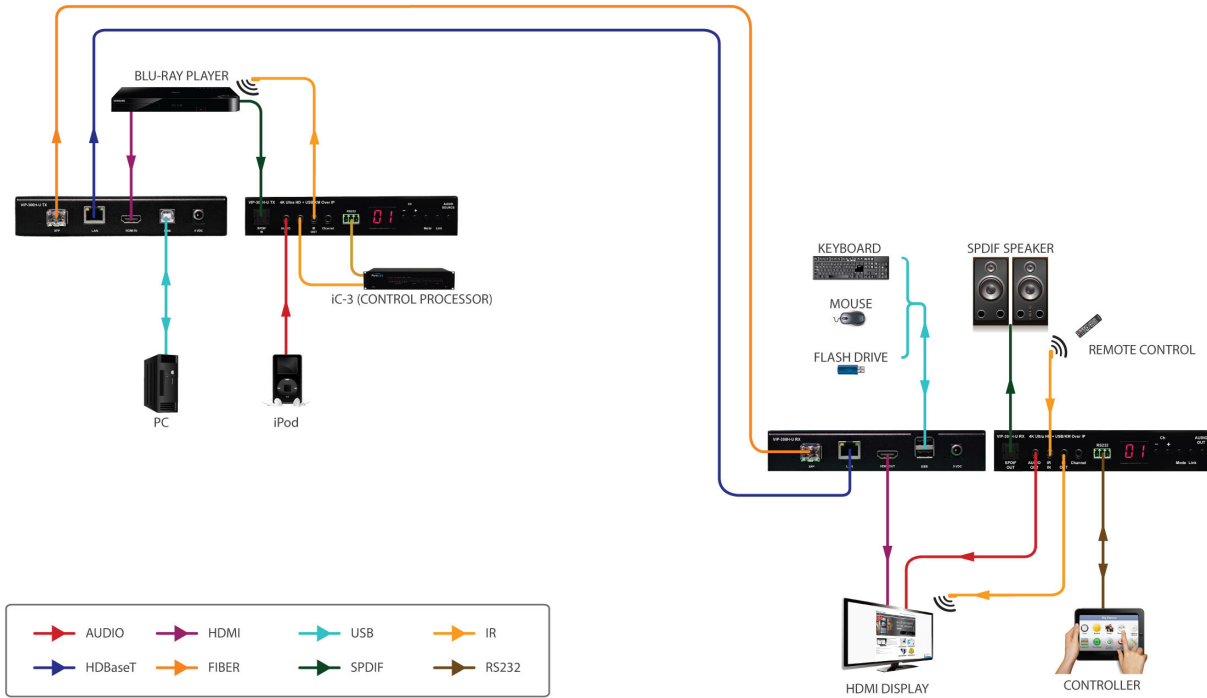
Key Features

- HDCP 2.2 compliant
- Powered via 802.3af PoE
- Near Zero Latency (1 mS)
- 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 (KM)
- Bidirectional RS232 and IR
- Infrared remote control channel selection
- LED channel display
- Digital and analog audio insertion
- Compatible with VPX IP Video Management Software with browser interface
- 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 DISTANCE	Up to120m. (viz CATx), Up to 60km. (via Fiber)
USB PORT	TX : USB 2.0 Keyboard/Mouse only 1 x USB type B RX: USB 2.0 Keyboard/Mouse only 2x USB type A
RS232	1x 3 pin phoenix
VIDEO OUT	1x HDMI w lock thread
NETWORK	RJ45 w indicators
NETWORK	SFP option slot
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
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

VIP-300H-U-Tx/Rx One-To-One Extension

BLU-RAY PLAYER

KEYBOARD

SPDIF SPEAKER

MOUSE

REMOTE CONTROL

FLASH DRIVE

iC-3 (CONTROL PROCESSOR)

PC

iPod

HDMI DISPLAY

CONTROLLER

→ AUDIO	→ HDMI	→ USB	→ IR
→ HDBaseT	→ FIBER	→ SPDIF	→ RS232

VIP-300H-U-Tx/Rx One-To-Many Switching

BLU-RAY PLAYER

VIP-NET

VIP-300-RX_1

VIP-300-RX_2

iC-3 (CONTROL PROCESSOR)

PC

iPod

VIP-300-RX_3

VIP-300-RX_4

→ AUDIO	→ HDMI	→ USB	→ IR
→ HDBaseT	→ FIBER	→ SPDIF	→ RS232

PureLink purelinkav.com