VIP-400

4K60 1G Encoder/Decoder Solution with USB/KVM and CAT/Fiber over 1G

PureStream

PureLink's VIP-400 provides 4K60 4:4:4 USB/KVM solutions for extension, distribution, switching, and matrixing over 1G networks using both CAT and Fiber connectivity.

Extension, Distribution, Switching, and Matrixing of:

- 4K60 4:4:4
- USB 2.0 KVM and Camera support
- Audio Embedding and De-embedding (Stereo Analog)
- Stereo Analog and SPDIF ARC (Audio Return Channel)
- Bidirectional IR

Features:

- <17mS latency (<1 frame)
- Variable Data Rate 50 - 850 Mbps
- Scaling engine (RX)
- 8x8 Videowall
- 0, 90, 180 degree image rotation
- Plug and Play setup
- PureLink VPX, Crestron and QSys Modules available
- Intuitive Front Panel LED of selected 'Channel'
- Selectable layered switching of Video, Audio, USB, RS232, IR
- Transport over CAT or Fiber SFP MM or SM, and Fail Over
- Loop Out on Encoder (Transmitter)
- Powered by PoE 802.3af (when using CAT) or local 12V DC
- Relay Control and Digital IO via API
- Fanless Cooling
- Rack Mount Option

Technical Specifications

Codec	JPEG2000
Latency + Data Rate	<1 Frame (<16.6ms) 50 - 850 Mbps, Typical 300 Mbps
Video	Up to HDMI 2.0 4K60 4:4:4 HDR Dolby Vision
Audio	2 Ch LPCM, 5.1 Ch, 7.1 Ch LPCM, 5.1 Ch Dolby, Dolby Pro Logic, DTS, 7.1 Ch Dolby TrueHD, DTS-HD, Dolby Atmos DTS:X
Transport	1x 1G RJ45 1x SFP Slot, SingleMode or MultiMode
USB	TX: 2x USB-A 2.0, 2x USB-B RX: 2x USB-A 1.1, 2x USB-A 2.0 Camera support
CONTROL	Front panel buttons, Web UI, PureLink VPX, Crestron module, QSys module, LAN API
DIAGNOSTICS	Front and Rear Panel LEDs, Web UI, API
SECURITY	AES, 802.1x, HTTPS, SSH
POWER	PoE 802.3af, Captive 12VDC, 100-240VAC 50/60Hz power adapter included, 8.5 W max 29 Btu
TEMPERATURE	0 to 40 C operating, -20 to 60 C storage, 20 to 90 % non condensing
DIMS/WEIGHT	204mm x 136mm x 25.5mm, 1.0kg