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4K60 HDMI 2.0 HDCP 2.2 USB 2.0 TAA COMPLIANT

The **VIP-T400-E-WP** is a 4K60 HDMI & USB/KM AV over IP Encoder Wallplate, designed to work together with the VIP-T400-E/D system, delivering high-quality UltraHD/4K60 4:4:4 HDR video, USB, and high-res audio over IP networks. It supports point-to-point extension up to 394ft (120m) via Cat6a and accommodates various signal types for dependable distribution, switching and matrixing needs. The proprietary channel display makes it easy to identify which source you want distributed to which display. Up to 1000 sources and even more displays can be added to the system.

Key features include ultra-low latency, quick or instant switching, video wall processing, 2ch stereo analog audio embedding. Additionally, the **VIP-T400-E-WP** provides diverse control options including its own API, PureLink's iCON™ Control/Automation platform, Purelink's VPX™ IP Video Management Software, as well as modules/plugins for Crestron and Q-Sys. It is TAA compliant, ensuring suitability for government, military, and 24/7/365 installations.

Key Features

- Extends 4K60 4:4:4 HDR Video, High-Definition Audio, USB, and Control Signals up to 394ft (120m) via Cat6a over IP Networks
- Ultra-low Latency (<17ms)
- Variable Data Rate (300Mbps typical | 50-850Mbps range)
- Works on 1G networks
- Matrix Switching up to 999 Sources and 65K Displays
- USB 2.0 including cameras
- Audio Insertion/Embedding
- HDCP 2.2 | Dolby Digital | DTS | LPCM audio
- Instant Switching (Same Resolutions)
- Comprehensive API diagnostics (Device Discovery | Signal Data | EDID)
- Multiple Control Interfaces iCON Built-In Web Interface | VPX Management Software | QSC Modules | 3rd Party Control via API
- Built-in LED displays current channel
- TCP/IP to RS-232 Control Extension
- PoE 802.3af (7W) or Local 12VDC Power
- TAA Compliant: Complies with Trade Agreements Act Regulations

Specifications

Connections

Inputs	1x HDMI 2.0 1x 2ch Stereo Analog TRS 3.5mm 1x USB Type-B
Outputs	1x AVoIP 1G Ethernet RJ-45

Audio & Video

Video Resolutions	Ultra HD 4K/60 4:4:4 HDR (4096x2160, 4:4:4 @ 50/60Hz) Up to 394ft (120m) via Cat6a or higher
Color Depth	Deep Color 3D 4K HDR HDR10+ Dolby Vision
Audio Formats	LPCM up to 12-channels Dolby Digital® Plus Dolby® TrueHD DTS® HD Master Audio Dolby ATMOS
Latency	<17mS and Variable Data Rate (300Mbps typical 50-850Mbps range)
USB	USB 2.0

Standards & Compliance

Standards	HDMI 2.0 HDCP 2.2 TCP/IP USB 2.0
Compliance	Trade Agreements Act (TAA)

Communication & Control

RS-232	3-pin Phoenix Connector TCP/IP to RS-232 (Bi-directional) RS-232 pass through (bi-directional- encoder – decoder)
Control Interfaces	iCON™ EZControl VPX Software Suite Crestron and QSC modules 3rd Party control/automation systems via TCP/IP

Power

Power Input	PoE 802.3af 12VDC
Power Consumption	7W

Reliability & Environmental

Reliability	MTBF 90,000 hours
Operating Temperature	32°F ~ 117°F (0°C ~ 50°C) 10% ~ 90%, non-condensing
Storage Temperature	-40°F ~ 158°F (-20°C ~ 85°C) 10% ~ 90%, non-condensing

Enclosure

Type	Double Gang in Wall Plate
Dimensions (W x D x H)	3.94in x 1.61 in x 4in (100mm x 41mm x 104mm)
Weight	TBD

Warranty

Limited Warranty	5 Years - Parts & Labor
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