A New Era

OF VIDEO DISTRIBUTION

4K UHD VIDEO OVER IP

The Xantech Premium Video over IP (VIP) delivers virtually latency free distribution of HDMI video over a 1GB Network switch. Using lossless compression technology, the VIP system delivers HDMI, USB, IR and RS-232 up to lengths of 100m over a single CAT cable.

Built for Every Situation

The Xantech VIP system has 5 operational modes meaning the technology can be used to solve many different AV distribution application requirements

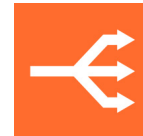| Matrix	Switch	Video Wall	Extend	Split
Infinitely scalable beyond square configurations	Many-to-One	Simple Multi-Video Wall Management	One-to-One	One-to-Many

The beauty of the VIP system is its flexibility and ease of installation. The industry has been requesting a video over IP solution that can be installed in minutes, negating the need for any network qualification. Xantech VIP has been developed in line with these objectives and is now ready to deliver a new era in advanced video distribution.

Residential

Utilizing existing CAT cable infrastructure throughout a home, our solutions can transmit 4K resolutions to multiple displays with ease. No longer must all sources be located in a central location as per typical rack-based matrix solutions, as the VIP products allow sources to be installed in any location throughout the home.

Our VIP products have been tested and approved for compatibility with all recognized manufacturers of TV displays and AV hardware.

Many commercial installations will far exceed the capabilities of any standard HDMI / HDBaseT™ distribution system.

The Xantech VIP hardware is not limited by the standard constraints of other methods of distribution, allowing thousands of VIP sources and display hardware to be installed at any location, across existing network infrastructures that can be extended over many kilometers.

Commercial

Key Features and Benefits

- Wizard-based installation for easy set-up and installation – basic product installation and configuration takes just seconds without needing a computer or configuration software
- No need for knowledge of networks or creating VLAN's
- Product supports full 4K UHD input, including HDR (@24fps) up to lengths of 100m
- Exceptional image quality, virtually latency free (1 frame)
- Receiver's built-in video scaler allows each display to use its optimal resolution
- Scales to incorporate virtually any number of transmitters and receivers
- Easy integration with all 3rd party control systems including ELAN, Control 4, Savant, Crestron, RTI, URC
- Loop-out network port enables daisy chaining receivers to extend distances
- IR control and IR pass-through control enabled
- PoE from a compatible PoE network switch can power all components within the system
- Designed to be configured with virtually any Layer 3 Gigabit network switch

VIP System

XT-4K-VIP-TX
4K Video Over IP Transmitter with Audio Breakout

Specifications:
- **Video input:** 1 x HDMI Type A, female
- **Audio input:** 1 x 3.5mm L/R analog audio
- **Audio output:** 2 x RCA L/R analog audio
- **Video output/Ethernet port:** 1 x LAN RJ45 connector (PoE 9W)
- **USB / KVM:** 1 x USB, Type B
- **RS-232 serial port:** 1 x 3-pin Phoenix connector
- **IR input:** 1 x 3.5mm stereo jack
- **IR flasher:** 1 x 3.5mm mono jack
- **Firmware update:** 1 x USB Micro B
- **Accessories:** Mounting kit included
- **Dimensions (W x D x H):** 190mm x 114mm x 25mm
- **Shipping weight (Kit):** 0.8kg
- **Operating temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage temperature:** -4°F to 140°F (-20°C to 60°C)

XT-4K-VIP-RX
4K Video Over IP Receiver with Audio Breakout

Specifications:
- **Video output:** 1 x HDMI Type A, female
- **Audio output:** 2 x RCA L/R analog audio
- **Video input/Ethernet port:** 1 x LAN RJ45 connector (PoE 9W)
- **Video/Ethernet extension:** 1 x LAN RJ45 connector
- **USB / KVM:** 2 x USB, Type A
- **RS-232 serial port:** 1 x 3-pin Phoenix connector
- **IR input:** 1 x 3.5mm stereo jack
- **IR flasher:** 1 x 3.5mm mono jack
- **Firmware update:** 1 x USB Micro B
- **Accessories:** Mounting kit included
- **Dimensions (W x D x H):** 190mm x 114mm x 25mm
- **Shipping weight (Kit):** 0.8kg
- **Operating temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage temperature:** -4°F to 140°F (-20°C to 60°C)

XT-4K-VIP-ACM
4K Video Over IP Advance Control Module

Specifications:
- **Video Ethernet port:** 1 x LAN RJ45 connector (PoE 9W)
- **Control Ethernet port:** 1 x LAN RJ45 connector
- **RS-232 serial port:** 1 x DB-9, female
- **I/O port:** 1 x 6-pin Phoenix connector (reserved for future use)
- **IR control port:** 1 x 3.5mm stereo jack
- **Dimensions (W x D x H):** 96mm x 110mm x 26mm
- **Shipping weight (Kit):** 0.6kg
- **Operating temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage temperature:** -4°F to 140°F (-20°C to 60°C)

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XT-4K-VIP Data Sheet • Rev A