



Introduction

HDTV Supply's **WolfPack™ 4K 60 AV Over IP HDMI 2.0 Transceiver with Front Panel LCD Screen** is a 4K60 4:4:4 HDMI over IP system, have Encode&Decode integrated into one device, any of the unit can be used as the encoder or decoder, supports 3-PIN audio in&out, 3.5mm MIC/speaker out, USB ports for Keyboard&Mouse/Host/Touch/USB pen drive, 1-RS232, 1-RS485, 1-Relay and 1-Bi-directional IR central control interfaces; Support Fiber or LAN ports transmission, this distance can up to 150m over CAT6 or 2km over Fiber, supports POE function and DC power supply. The front panel LCD screen can preview the source and showing the model/ID/IP/Status which is easier for installation settings.

With the no server needed technology, any failure of any units in the system will not affect the operation of the whole system. it's widely improving the system stability. This system can be widely used in command centers, conference rooms, smart campuses, smart parks, etc.

Features

- 4K60 distributed input and output over AV over IP system
- No server or control box needed in the system
- Encoder and decoder are the same device, set by Windows Software
- Supports resolution down/up scaling
- Supports Video Wall control with up to 16-windows per screen
- Supports KVM workstation with mouse&keyboard control
- Supports input sources preview and output preview
- Supports seamless switch
- Supports control UI customizing
- Supports audio embedded and de-embedded
- Supports RS232, RS485, Relay and Bi-directional IR control or pass-through
- Supports OSD, scrolling text, etc functions
- Supports workstation control remote PCs, video wall etc.
- 3-PIN audio in&out
- 3.5mm MIC/speaker out

- USB ports for Keyboard & Mouse/Host/Touch/USB pen drive
- 1-RS232, 1-RS485, 1-Relay and 1-Bi-directional IR central control interfaces
- Support Fiber or LAN ports transmission
- This distance can up to 150m over CAT6 or 2km over Fiber
- Supports POE function and DC power supply

Specification

No.	Details
Video input	1-HDMI2.0, 1-DP1.4, resolution up to 3840x2160@60Hz
Video output	1*HDMI2.0, resolution up to 3840x2160@60Hz
Video loop out	Only works when its Encoder
Audio input	HDMI/DP, 1*3-PIN phoenix, 1*3.5mm MIC
Audio Output	HDMI, 1*3-PIN phoenix, 1*3.5mm speaker
Serial	RS-232, RS-485
Relay	3*Relay(Open/Close)
I/O or IR	2-5V
USB	1-USB-A red, 4-USB-A black, 1-USB3.0-A blue
LAN/SFP	1-RJ45, 1- SFP
Power	POE, 802.3af, DC12V / 2A
Color Space	YUV444
Latency	40~80ms
Video Encoding	H.265,3840x2160@60Hz, 1080P@30Hz x1, JPEG,3840x2160@60Hz x1
Video Decoding	H.265,3840x2160@60Hz x1, JPEG,3840x2160@60Hz x1
Audio format	48K, PCM, G.711,AAC
KVM	OSD, USB camera, support finger print login, user-level rights, mouse roaming, video wall control
Max open-window	16
LCD display	Preview function, audio, language, IP, input and status
DIP switch	Up for RX, down for TX
Reset	Long-press start
Backup	LAN and SFP, POE and DC

Product dimension(mm)