



4K@30 AV Over IP System With Video Wall And KVM Workstation



Introduction

This 4K30 HDMI over IP system features integrated encoding and decoding capabilities in a single device. Each unit can function as either an encoder or decoder and includes dual 3.5mm audio in/out ports, two USB ports for keyboard and mouse/host, RS232, RS485, relay, and I/O central control interfaces. It supports transmission via fiber or LAN ports, covering distances up to 150m over CAT6 or 2km over fiber, with POE functionality and DC power supply options. The front panel LCD displays model, ID, IP, and status for easy installation and settings. Utilizing a serverless technology, any unit failure will not affect the overall system operation, enhancing system stability. This system is ideal for use in command centers, conference rooms, smart campuses, smart parks, and more.

Features

- 4K 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, I/O, relay, RS485 control
- Supports OSD, scrolling text, etc functions
- Supports workstation control remote PCs, video wall etc.



Product Specification

No.	Details
Input Resolution	Upto 3840*2160@30Hz
Output Resolution	Upto 3840*2160@30Hz
Video Input	1*HDMI with one HDMI loop
Video Output	1*HDMI
Audio Input	1*3.5mm LINE in
Audio Output	1*3.5mm LINE out
IP Ports	1*LANRJ45, 1*FIBER
Control Ports	RS232/RELAY/RS-485/I/O
Latency	80ms-120ms
POE	Support standard POE Function
USB	2*USB-A, female
Power Consumption	<10W
Product Dimension	193mm*100.5mm*25mm
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USB	2*USB-A, female
Power Consumption	<10W
Product Dimension	193mm*100.5mm*25mm
Weight	525g

