



## Introduction

This is a 4K60 HDMI over IP system, have Encoder & Decoder integrated into one device, any of the unit can be used as the encoder or decoder, supports 2\*3.5mm audio in & out, 5\*USB ports for Keyboard & Mouse/Host/Touch/USB2.0, 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 show 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

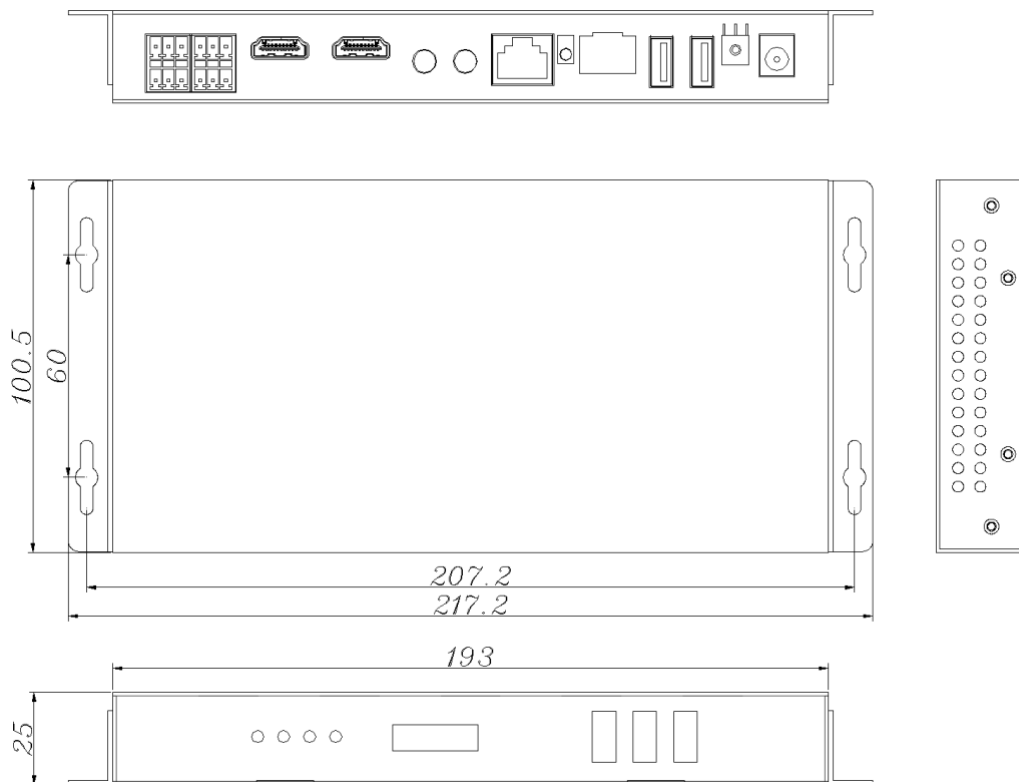
- 4K60 distributed input and output over AV over IP system
- No server or control box needed in the system
- Encoder and decoder are the same device, set by Windows Software
- Supports resolution down/up scaling
- Supports Video Wall control with up to 9-windows per screen
- Supports KVM workstation 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.

## Specification

No.	Details
Video input	1*HDMI with one HDMI loop
Video output	1*HDMI
Input resolution	Up to 3840*2160@60Hz 444

Output resolution	Up to 3840*2160@60Hz
Audio input	1*3.5mm
Audio output	1*3.5mm
Latency	80ms-120ms
Control ports	RS232/RELAY/RS-485/IR (fixed 38Khz)
IP ports	1*LAN, 1*FIBER
PoE	Support standard POE function
USB	5*USB-A (1*USB3.0, 1*USB Keyboard, 1*USB Mouse, 1*TOUCH, 1*PC)
Power consumption	<10W
Product dimension	217mm*193mm*25mm 10.5" x 7.5" x 1" (Approximately)
Weight	800g

### Product dimension(mm)



### Connection Diagram

