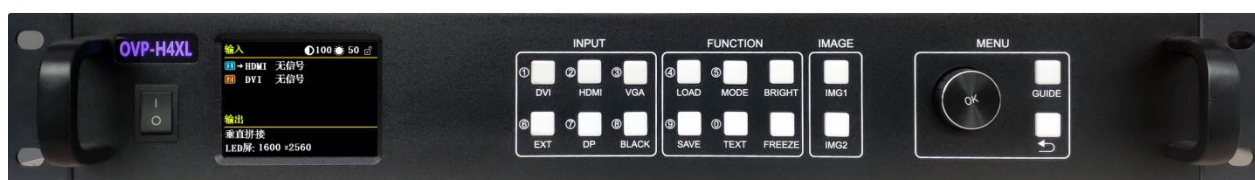


# OVP-H4XL Specification



## **Description**

OVP-H4XL dual-picture video controller is a mid-to-high-end video processing equipment developed and produced by our company for the LED large screen display, application in showing and rental, conference room, studio and other markets. This product adopts 4K image processing technology specially designed for small-pitch LED display. It can realize point-to-point input and output for ultra-high resolution LED large screen, so it can effectively eliminate the edge aliasing introduced by the image and reduce the image Zoom out of focus blur.

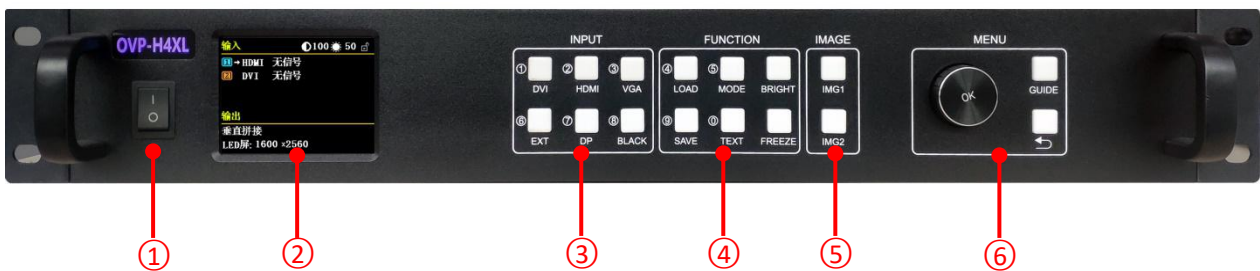
## **Features**

- Single machine can carry 5.2 million pixels, horizontal maximum 8000 pixels, vertical maximum 3840 pixels;
- Integrated 8 Gigabit Ethernet port output, not only improves reliability, but also brings great convenience for remote maintenance of LED display;
- All input signal sources and output modes can be quickly and seamlessly switched;
- With 5 ultra high definition (UHD) digital and analog input interfaces;
- Support open double pictures and arbitrary layout;
- Support 3 digital input ports DVI \ HDMI \ DP custom input resolution setting
- Support input signal source hot backup;
- 8 user modes can be pre-stored for users to quickly call;
- With "intelligent navigation" setting function, convenient for users to set up quickly;

- The device can be controlled by panel keys, LAN, USB, WIFI

## Panel instruction

### Front panel



Interfaces	
1	Power supply
2	2.8" full color LCD screen (320×240)
Operate	screen area and display the system status information through the LCD.
3	<p><b>INPUT area</b></p> <p>The input Selection key area has [DVI] ~ [DP] 6 buttons, 5 input source port selection buttons, and correspond to the input interface logo of the back panel.</p> <p>When BLACK is pressed, the LED indicator of BALCK is on, and the screen output is black.</p>
4	<p><b>FUNCTION</b> ☒</p> <p>[LOAD]: fast switch to user mode</p> <p>[SAVE]: fast switch to user save mode</p> <p>[BRIGHT]: fast switch to brightness adjust hot key.</p> <p>[MODE] : fast switch to system fixed mode menu.</p>

	[TEXT]: keep the function button [FREEZE]: image freeze hot key
5	<b>IMAGE area</b> [IMG1]- [IMG2]: You can select the opened screen 1 ~ screen 2 window, and the LED light indicates the currently selected window.
6	<b>MENU area</b> Short press [OK]: means turn into menu or confirm [GUIDE] : fast switch to "smart guidance" interface [↶]: means exit the current operation

**Back panel**



<b>Video output interface</b>	
LED1~LED8	8 nos of Gigabit network output ,connect with screen receiving card
MONITOR	Simultaneous monitoring of DVI output interface, external LCD display

<b>Video input source</b>	
EXT	Extended input port, default is DVI, HDMI or SDI or wireless screen input is optional
DVI	DVI interface
HDMI	HDMI
DP	DP
VGA	VGA

Audio input/out put port	
HDMI audio	HDMI video input port built-in
AUDIO_IN	Analog audio input port
AUDIO_OUT	Analog audio output port

Control interface	
LAN	Network control port
COM	USB input port
WIFI	WIFI wireless control
RS232	RS232C control DB9 port

Power supply	
Input voltage	100-240V~50/60Hz

## Specification

Image input port	
VGA×1	VESA standard: 1600×1200@75Hz or below compatible
HDMI×1	VESA standard : HDMI 2.0, 3840×2160@60Hz or below compatible
DVI×1	VESA standard, compatible with HDMI 1.4, 1920×1080@60Hz or below compatible
EXT×1	DVI Expansion input interface (DVI or SDI or wireless projection screen), factory standard DVI
DP×1	VESA standard, DP1.2, 3840×2160@60Hz or below compatible

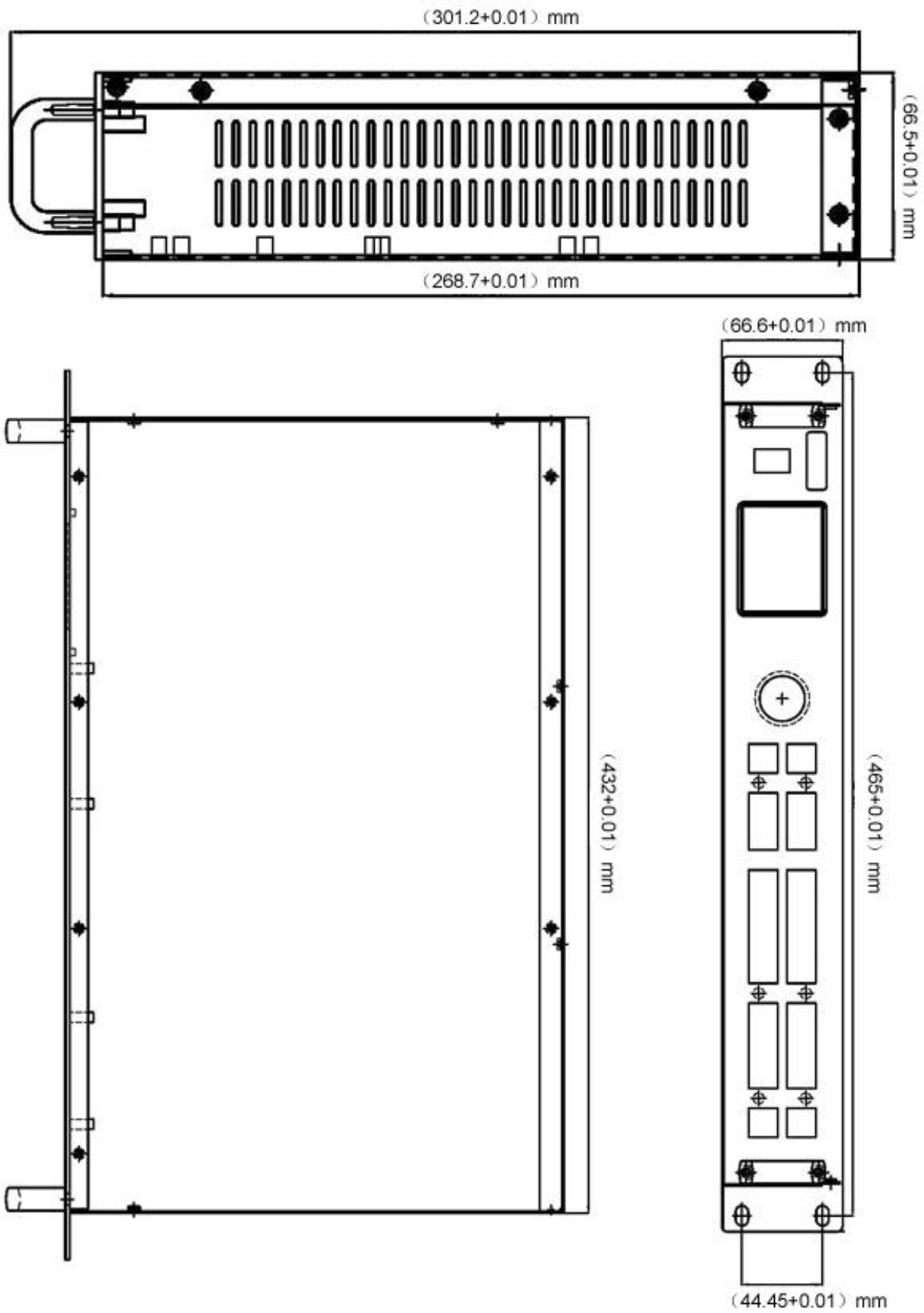
Image output port	
4 nos network port output	<p>Total ≤ 5.24 million pixels, horizontal maximum: 8000pixels, vertical maximum: 3840pixels</p> <p>Note: (1) Horizontal width x vertical height = total number of pixels, which cannot exceed 5240000 pixels;</p> <p>(2) Support point-to-point input and output in the range of 4K * 2K</p>

	@ 60Hz; (3) Single network port output: horizontal maximum 4000 pixels, vertical maximum 3840 pixels Single network port: horizontal width x vertical height <= 655360 pixels
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<b>Audio input/output port</b>	
Audio input×1	3.5mm audio port
Audio output×1	3.5mm audio port

<b>Complete device specification</b>	
Input voltage	100-240V~50/60Hz
Power	≤50W
Working tempearutre	-10°C~45°C
Environmental humdity	15%~85%
Operation mode	LCD menu, panel keys, LAN, USB, wifi, PC configuration software
Demension	482.6mm×300mm×66.6mm
Case	1.5U
Weight	≤3Kg

## Dimension



## Accessory

Name	Quantity
3Pin host power cable 1.5m mark: export products use EU standard cable 1.5m	1
USB-A-B cable 1.5m	1
HDMI cable(19+1) 1.5m	1
DVI cable (18+1) 1.5m	1
Straight elbow antenna-2.4G 195mm	1



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