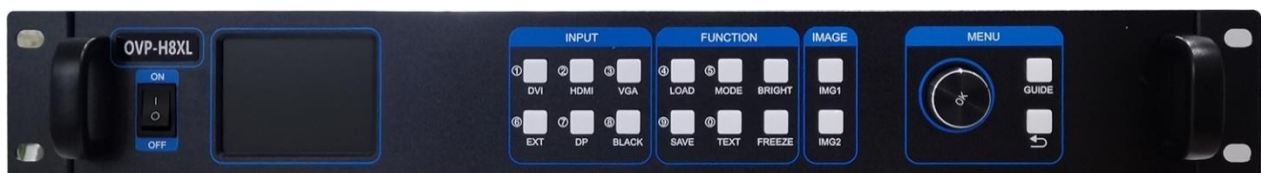


OVP-H8XL SEPECIFICATION



Description

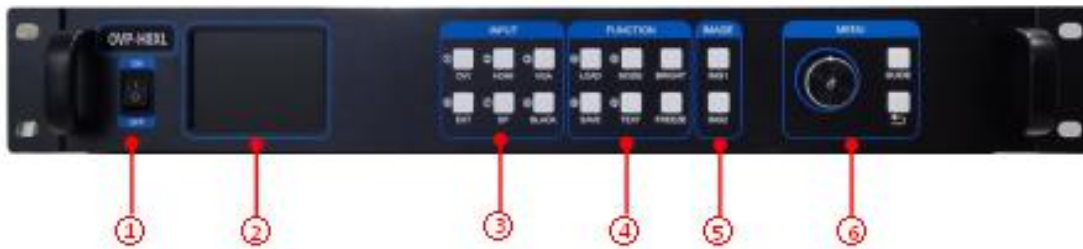
OVP-H8XL video controller is developed by our company for LED large screen display, rented screen, conference room, High-end video processing equipment in the studio and other markets. This product adopts the 4K image processing technology designed for small-pitch LED display, which can effectively eliminate the edge jagged phenomenon caused by the enlargement of the image and reduce the out-of-focus blur feeling after the image is enlarged.

Features

- ◆ Single device can control 10.48 million pixels, horizontal maximum 16000 pixels, vertical maximum 3840 pixels;
- ◆ Integrated 16-channel Gigabit Ethernet port output interface;
- ◆ Fast and seamless switching between all input signal sources and output modes;
- ◆ With 5 channel ultra high definition (UHD) digital and analog input interfaces;
- ◆ Equipped with DVI monitor output interface, support local picture output monitor;
- ◆ Support 3 digital input ports DVI \ HDMI custom input resolution setting;
- ◆ Support 2 channels 4K * 2K @ 60Hz and 2 channels 4K * 2K @ 30Hz input;
- ◆ Support hot backup of input signal source;
- ◆ 16 user modes can be pre-stored for users to quickly call;
- ◆ With fast switching mode, the pre-monitoring screen can be seamlessly switched to the LED large screen for instant broadcast;
- ◆ With "intelligent navigation" setting function, convenient for users to set up quickly;
- ◆ The device can be controlled by panel keys, LAN, USB, WIFI, RS232.

Panel instruction

Front panel



Interfaces	
1	Power supply
2	2.8" full color LCD screen (320×240)
3	<p>Operate screen area and display the system status information through the LCD.</p> <p>MENU AREA</p> <p>Short press [OK]: means turn into menu or confirm</p> <p>[GUIDE] : fast switch to "smart guidance" interface</p> <p>[↶] : means exit the current operation</p>
4	<p>IMAGE</p> <p>[IMG1]- [IMG2]: You can select the opened screen 1 ~ screen 2 window, and the LED light indicates the currently selected window.</p>
5	<p>INPUT</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>
	<p>FUNCTION</p> <p>[LOAD]: fast switch to user mode</p> <p>[SAVE]: fast switch to user save mode</p>

6	<p>[BRIGHT]: fast switch to brightness adjust hot key.</p> <p>[MODE] : fast switch to system fixed mode menu.</p> <p>[TEXT]: keep the function button</p> <p>[FREEZE]: image freeze hot key</p>
7	<p>FAST-MODE</p> <p>[ON/OFF] fast mode of ON/OFF hot key</p> <p>[TAKE] fast switch from current LED screen signage to the fast switch signage source</p>

Back panel



Video output interface	
LED1~LED16	16 nos of Gigabit network output ,connect with screen receiving card
MONITOR	Simultaneous multi-screen monitoring DVI output interface, connect to LCD display

Video input source	
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
DP audio	DP video input port built-in
AUDIO_IN	Analog audio input port

AUDIO_OUT	Analog audio output port
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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 : HDMI2.0, 3840×2160@60Hz or below compatible
DVI×1	VESA standard, compatible with HDMI2.0
EXT×1	DVI Expansion input interface (DVI or SDI or wireless projection screen),
DP×1	VESA standard, DP1.2, 3840×2160@60Hz or below compatible

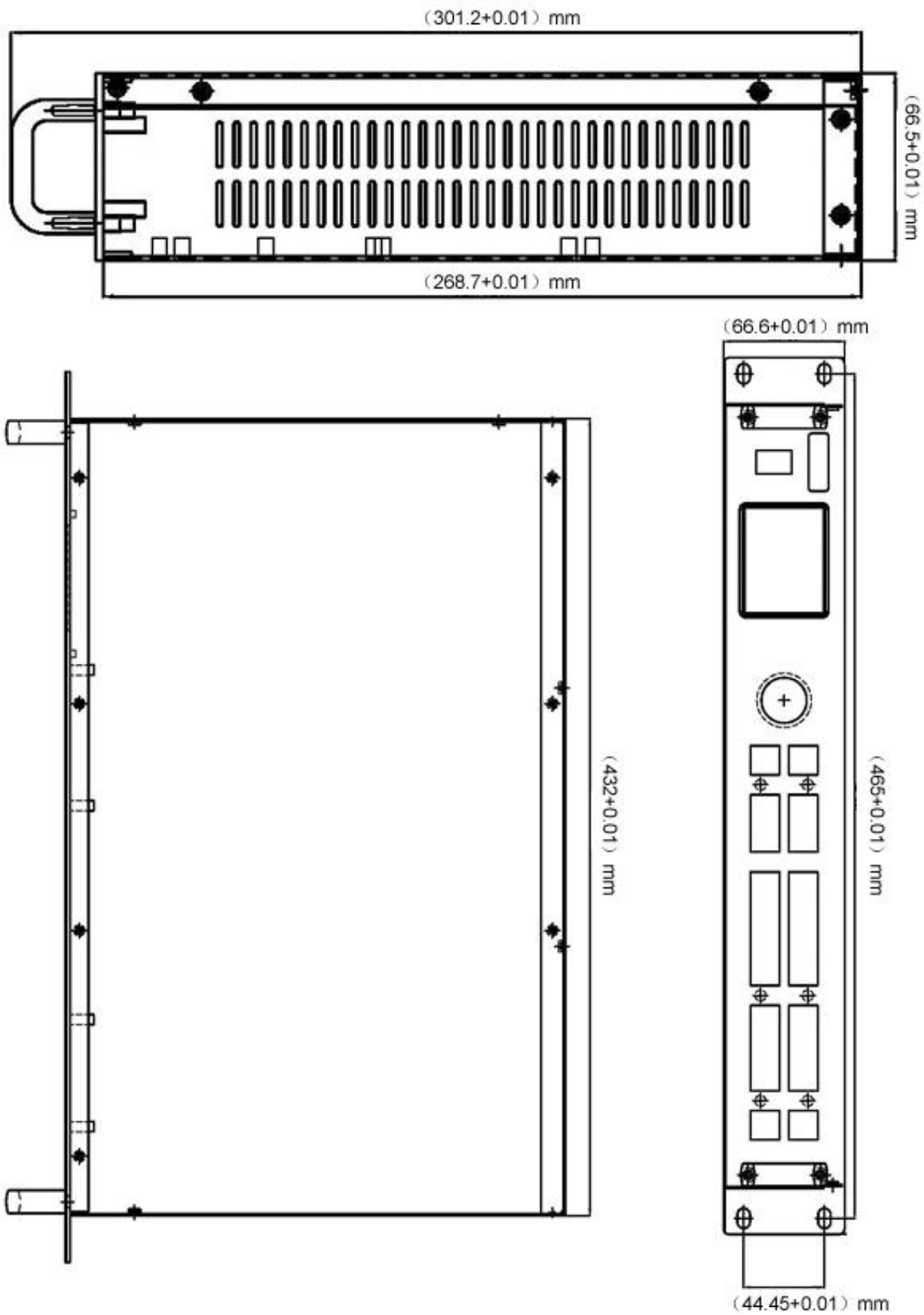
Image output port	
DVI monitor	1920×1080@60Hz

16 nos network port output	<p>Total pixels ≤ 10.46 million, horizontal maximum: 16000, vertical maximum: 3840</p> <p>(1) The maximum loaded total pixels ≤ 10.48 million, width ≤ 16000, height ≤ 3840.</p> <p>(2) When the aspect ratio ≥ 1, the total pixels ≤ 10.48 million;</p> <p>(3) When the aspect ratio is less than 1, the total pixels are less than 10.44 million</p> <p>(4)) The maximum loaded pixels of a single network port are ≤655360 points, width ≤4000 points, and height ≤3840 points.</p> <p>(5) Network port LED1, LED2, LED9, LED10 composite audio signal, connect multi-function card to support audio output.</p> <p>(6) Support point-to-point input and output in the range of 3840x2160;</p> <p>(7) Support hot spare witin ethernet port.</p>
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Audio input/output port	
Audio input×1	3.5mm audio port
Audio output×1	3.5mm audio port

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

Dimension



Accessories

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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