

## OVP-H4X SPECIFICATION



V: V1.0 Date: 2019.6.24

## **Description**

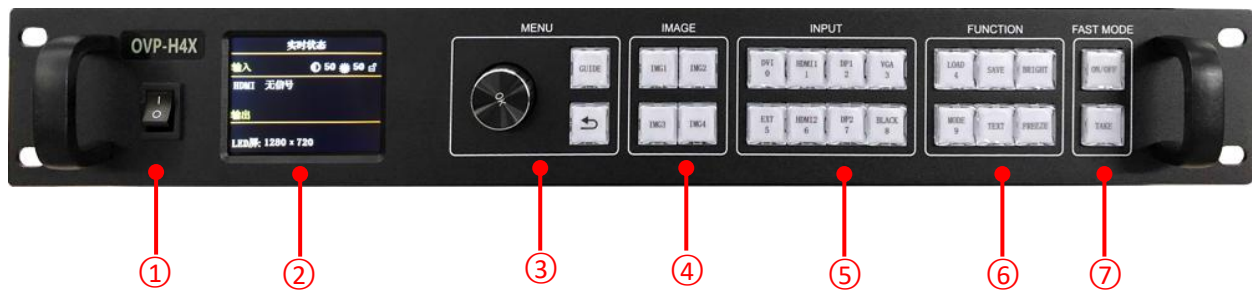
OVP-H4X is a video processing equipment developed for LED large screen, showing and rental, conference room, studio and other markets. This product adopts HD image processing technology which specially designed for small spacing LED display screen. It can realize point-to-point input and output for large HD resolution LED screen, so it can effectively eliminate the phenomenon of edge saw tooth caused by image amplification, and reduce the out-of-focus blur feeling of image after amplification.

## **Features**

- ◆ Maximum resolution is 5.2 million pixels, the horizontal maximum 8000 pixels, vertical maximum 3840 pixels;
- ◆ Cluster with 8 channels of Gigabit network output
- ◆ Fast seamless switch between all input signage and output mode
- ◆ With 7 channels HD digital and analog input interface;
- ◆ Support random layout and 2/3/4 windows display,
- ◆ Support 6 channel digital input port DVI\HDMI\DP custom input resolution settings;
- ◆ Support hot backup of input signal source;
- ◆ 8 user modes can be stored for users to quickly call;
- ◆ With "intelligent navigation" setting function, convenient for users to quickly set;
- ◆ Support local USB2.0 media playback;
- ◆ The device can be controlled through LCD panel button, LAN,, USB interface or WIF(optional).

## **Panel instruction**

### **Front panel**



Interface instruction	
1	Power switch
2	320×240) 2.8" full color LCD panel (320×240)
3	Operation via LCD panel system
	<p><b>MENU area</b></p> <p>Short press the [OK] button: enter into the main menu or input confirmation</p> <p>[GUIDE] button: fast turn to the “smart guide” mode</p> <p>[↶] means turn out of the current operation</p>
4	<p><b>IMAGE area</b></p> <p>[IMG1]- [IMG4]: select the window1-4 ,led light indicate the selected window</p>
5	<p><b>INPUT AREA</b></p> <p>[DVII] ~ [USB] 8 buttons, 8 nos of input port button,mark:press “BLACK”then the LED indicate light is on ,then output the black screen status</p>
6	<p><b>FUNCTION area</b></p> <p>[BRIGHT]: fast switch the brightness menu</p> <p>[FREEZE]: image freeze</p> <p>[LOAD]: fast turn on the user mode</p> <p>[SAVE]: fast switch the user mode save menu</p> <p>[MODE] : fast switch to the fix mode menu</p> <p>[TEXT]: keep the function button</p>
7	<p><b>FAST-MODE area</b></p> <p>[ON/OFF] fast mode to open/close fast button</p> <p>[TAKE] switch the current signal and the alternative signal</p>

Back panel



<b>Video output interface</b>	
LED1~LED8	8 pcs Gigabit network output, Send via network cable to LED screen
MONITOR	Synchronous multi-windows monitor DIV output port, connect with LCD display

<b>Video input source</b>	
EXT	extend to DVI or SDI or screen cast, ( DVI standard match)
DVI	DVI port
HDMI1	HDMI port 1
HDMI2	HDMI port 2
DP1	DP port 1
DP2	DP port 2
VGA	VGA port

<b>Audio input/output port</b>	
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

<b>Control interface</b>	
LAN	LAN port
COM	USB input port
WIFI	WIFI wireless control
RS232	RS232C serial control DB9 port

<b>Power</b>	
Input voltage	100-240V~50/60Hz

## Parameters

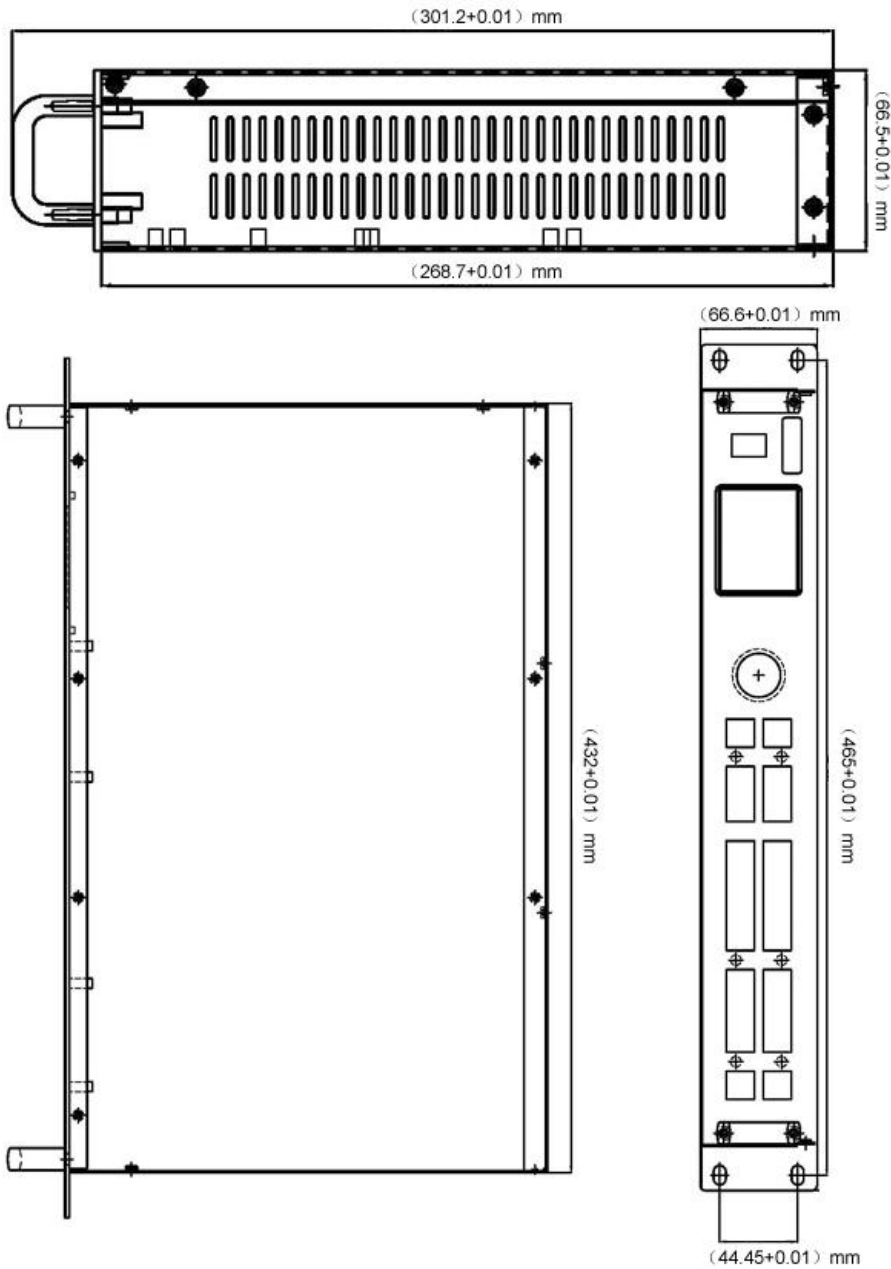
<b>Image input/output port</b>	
VGA×1	VESA: compatible with UXGA@75Hz to down
HDMI×2	VESA standard, HDMI 1.4
DVI×1	VESA standard, compatible with HDMI 1.4
EXT×1	Extend input port (DVI/SDI/screen cast is optional)
DP×2	VESA standard, DP1.2: 4K@60Hz to down

<b>Image output port</b>	
DVI Monitor	1920×1080@60Hz
LED1~LED8	Total pixels≤520 万, max width : 8000, max height: 3840  (1) total pixels can't be more than 5.2 million pixels  (2) Support point-point splicing within 4Kx2K

<b>Audio input/output port</b>	
Audio input ×1	3.5mm audio port
Audio output×1	3.5mm audio port

<b>Complete parameters</b>	
<b>Input voltage</b>	100-240V~50/60Hz
<b>Power</b>	≤70W
<b>Working temp</b>	-10℃~45℃
<b>Environmental humidity</b>	15%~85%
<b>Operation</b>	LCD panel button、LAN、USB、wifi、PC software,APP
<b>Dimension</b>	482.6mm×300mm×66.6mm
<b>Case</b>	1.5U case
<b>Weight</b>	≤5Kg

## Dimension



## Accessory

Name	Quantity
3 pin 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
DP 4K HD cable 1.5m	1
DVI cable (18+1) 1.5m	1
Wifi Antenna	1

## CONTACT US

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