



Specification

For OVP-H6XL video controller

Version: V1.0 Date: 2022.3.3

Description

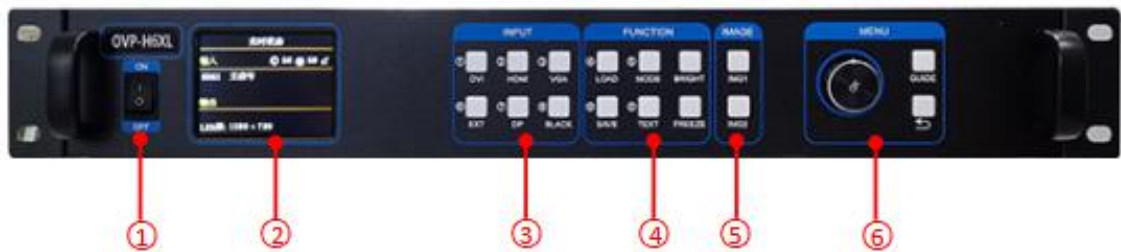
OVP-H6XL is aimed at large hotels, high-end conferences, bars KTV and other application fields. The device integrates 12 Gigabit Ethernet ports for large transmission, supports 2-screen display and any layout, supports multi-screen output monitoring, and can realize instantaneous seamless switching of monitoring images. screen is displayed. The 4K image processing and splicing technology specially designed for small-pitch LED display screens can realize point-to-point input and output for ultra-high-resolution LED large screens, effectively eliminating the edge aliasing phenomenon caused by image enlargement and reducing image out-of-focus after enlargement.

Features

- Maximum resolution is 7.86million pixels, the horizontal maximum 16000 pixels, vertical maximum 16000 pixels;
- Cluster with 12 channels of Gigabit network output
- Fast seamless switch between all input signage and output mode
- With 7 channels HD digital and analog input interface;
- With dedicated DVI monitoring output interface, support local screen output monitoring;
- Support 5 channel digital input port DVI\HDMI\DP custom input resolution settings;
- Support hot backup of input signal source;
- 16 user modes can be stored for users to quickly call;
- With fast switching mode, the pre-monitoring screen can be seamlessly switched to the large LED screen for broadcast instantly;
- With "intelligent navigation" setting function, convenient for users to quickly set;
- The device can be controlled through LCD panel button, LAN,, USB interface or WIFI,RS232 device.

Instruction

Front panel



Interface	
1	Power switch
2	2.8" full color LCD panel (320×240) Operation via LCD panel system
3	INPUT AREA [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
4	FUNCTION AREA [BRIGHT]: fast switch the brightness menu [FREEZE]: image freeze [LOAD]: fast turn on the user mode [SAVE]: fast switch the user mode save menu [MODE] : fast switch to the fix mode menu [TEXT]: keep the function button
5	IMAGE area [IMG1]- [IMG2]: select the window1-2 ,led light indicate the selected window
6	MENU area MENU area Short press the [OK] button: enter into the main menu or input confirmation [GUIDE] button: fast turn to the "smart guide" mode [↶] means turn out of the current operation

BACK PANEL



Video output	
LED1~LED12	12 Gigabit network output, Send via network cable to LED screen
MONITOR	Synchronous multi-windows monitor DIV output port, connect with LCD display

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

Audio input/output 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

Control interface	
LAN	LAN port
COM	USB port
WIFI	WIFI control
RS232	RS232C serial control DB9 port

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

Technical parameters

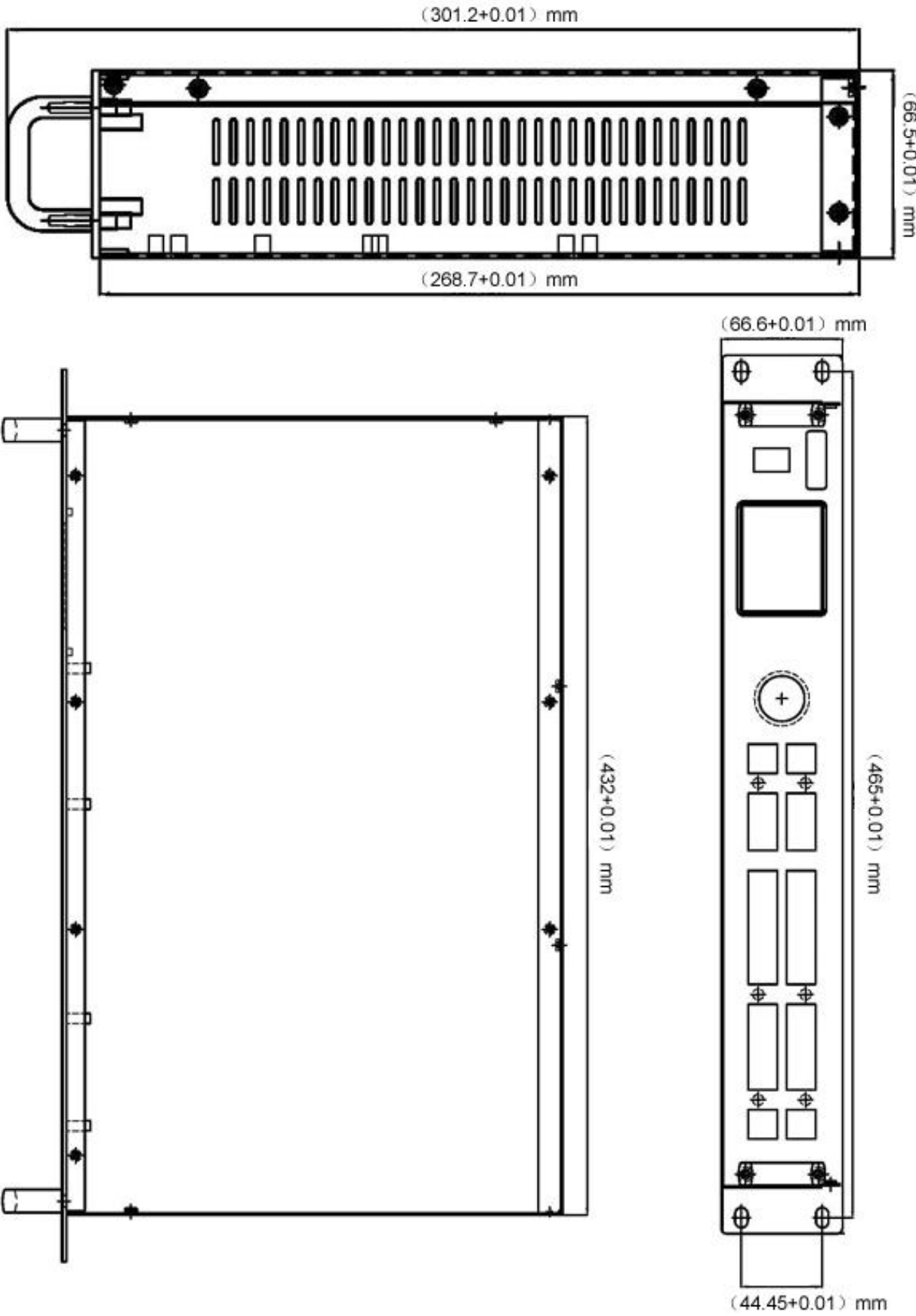
Image input port	
EXT×1	Expansion input port, standard HDMI, DVI interface, SDI interface, wireless same-screen module can be flexibly selected according to customer needs
DVI×1	VESA Standard: 1920×1080@60Hzto down, support 3840×2160@30Hz
HDMI×1	VESA Standard: 1920×1080@60Hzto down, HDMI 2.0
VGA×1	VESA Standard: UXGA@75Hzto down
DP×2	VESA Standard: 3840×2160@60Hzto down, DP1.2

Image output port	
DVI×1	1024*768@60Hz
NET×12	12 Gigabit Ethernet port output, connected to the LED display through a network cable, directly connected to the receiving card; The maximum load is 7.86 million pixels, the width is less than or equal to 16000, and the height is less than or equal to 3840;

Audio input/output port	
Audio input×1	3.5mm audio port
Audio output ×1	3.5mm audio port

Details	
voltage	100-240V~50/60Hz
power	≤50W
Working Temp	-30°C~70°C
Working humidity	15%~85%
Operate	LCD panel、 button on panel、 LedshowTV、 OVP Builder software、 APP
Package size	482.6mm×300mm×66.6mm
Case	1.5U
Weight	≤4.7Kg

Dimension



Accessory

Name	Qty
3Pin power cable 1.5M	1
WIFI antenna	1
USB-A-B cable 1.5M	1
HDMI2.0 cable 1.5M	2
HDMI-DVI connector	1
CAT-6 NET cable 1.5M	1

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