SPECIFICATION

OVP-H4D Four Screens Splicing Processor

Version: V1.0   Release date: 2018.12.22
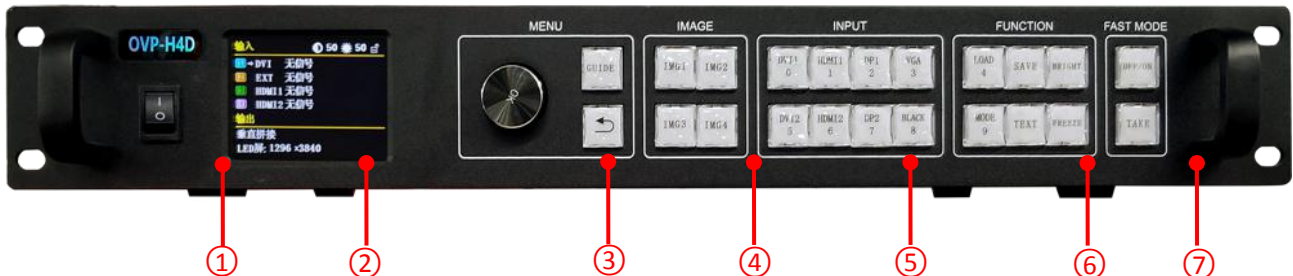
Brief Introduction

OVP-H4D is a hing-end video processor which is used for big LED screen, stage, rent, meeting room and so on. This product adopts 4K image and splicing technology which is used for small spacing LED screen. Which gives promise for the consistency and synchronization of splicing. For high resolution LED screen, users can input and output point to point as to get a better effect.

Characteristics

- **Maximum resolution is 5.1 million pixels, the horizontal maximum 8000 pixels, vertical maximum 3840 pixels;**
- **Fast   seamless switching between all input signal sources and output modes;**
- **With 7 channels of ultra high definition (UHD) digital and analog input interface;**
- **Support dual/three/four windows display and arbitrary layout, easy to centralized control the stage main screen and side screen;**
- **Dedicated DVI monitoring output interface, support multi-window output monitoring;**
- **Support 6 channels digital input port DVI\HDMI\DP customized input resolution settings;**
- **Support multi-windows input signal source hot backup;**
- **8 user modes can be pre-stored, and 4 system fixed output modes can be fast invoked by users.**
- **With fast switching mode, the pre-monitoring window can be instantly and seamlessly switched to the large LED screen;**
- **Support intelligent navigation function;**
- **"Intelligent navigation" setting function which is convenient for users to set up fast;**
- **The device can be controlled by panel keys, LAN, USB and Mobile APP.**

Physical Instruction

Front side

Ports	
1	ON/OFF for power supply
2	2.8″ colorful LCD screen (320*240)
3	For operation, LCD will show the display system status.
	MENU area Short pressing [OK] button: Means will enter into menu or inputting confirmation. [GUIDE]button: Intelligent Navigation window. Return[⬑]: Means return to the last operation step.
4	**IMAGE area** [IMG1]- [IMG4]button: Users can select the opened screen 1- screen 4.
5	**INPUT area** Selection area for inputting source, totally [DVI] ~ [DP2] 8 buttons. When users press BLACK or the BLACK LED is lighting, means the output is in black screen status.
6	**FUNCTION 区 FUNCTION area** [BRIGHT]：Fast switching for adjusting brightness button. [FREEZE]：Fast switching for image freeze. [LOAD]：Fast switching for users mode menu. [SAVE]：Fast switching for users mode saving menu. [MODE]：Fast switching for built-in fixed modes menu. [TEXT]：Retain function button.
7	**FAST-MODE area** [ON/OFF] Turn on/off fast switching mode. [TAKE] Execute the fast switching of present LED screen playing signal source and alternative signal source.

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Back side

Video input source	
EXT	Extend input port, default is DVI, users can select HDMI or SDI or wireless input
DVI	DVI port
HDMI1	HDMI port 1
HDMI2	HDMI port 2
DP1	DP port 1
DP2	DP port 2
VGA	VGA port

Video output source	
OUT1~OUT2	DVI output port for two big sending box.
MONITOR	Monitoring DVI output port, for LCD displayer.

Audio input & output port	
HDMI audio	HDMI embedded video input port
DP audio	DP embedded video input port
AUDIO_IN	Simulate audio input port
AUDIO_OUT	Simulate audio output port

Controller port	
LAN	LAN port
COM	USB port
WIFI	WIFI

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

Specification parameters

Image input port	
VGA×1	VESA：UXGA@75Hz Compatible from down
HDMI×2	VESA，HDMI 1.4
DVI×1	VESA，HDMI 1.4
EXT×1	Extended input port (DVI or SDI or WIFI), standard match with DVI
DP×2	VESA ，DP1.2：4K@60Hz Compatible from down

Image output port	
DVI	1024×768@60Hz 或 1920×1080@60Hz
DVI×2	Maximum output for each port:2,600,000@60Hz Horizontal splicing: width≤8000，height≤2000，total pixels≤5,100,000 pixels Vertical splicing: width≤4000，height≤3840，total pixels≤5,000,000 pixels Fixed output frame60Hz ,support point-to-point splicing among this range

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

Details	
Input voltage	100-240V~50/60Hz
Power	≤50W
Working temperature	-30℃~70℃
Environment humidity	15%~85%
Operation method	panel keys, LAN, USB and Mobile APP.
Box size	482.6mm×300mm×66.6mm
Box	1.5U box
Weight	≤5Kg

Physical Dimension
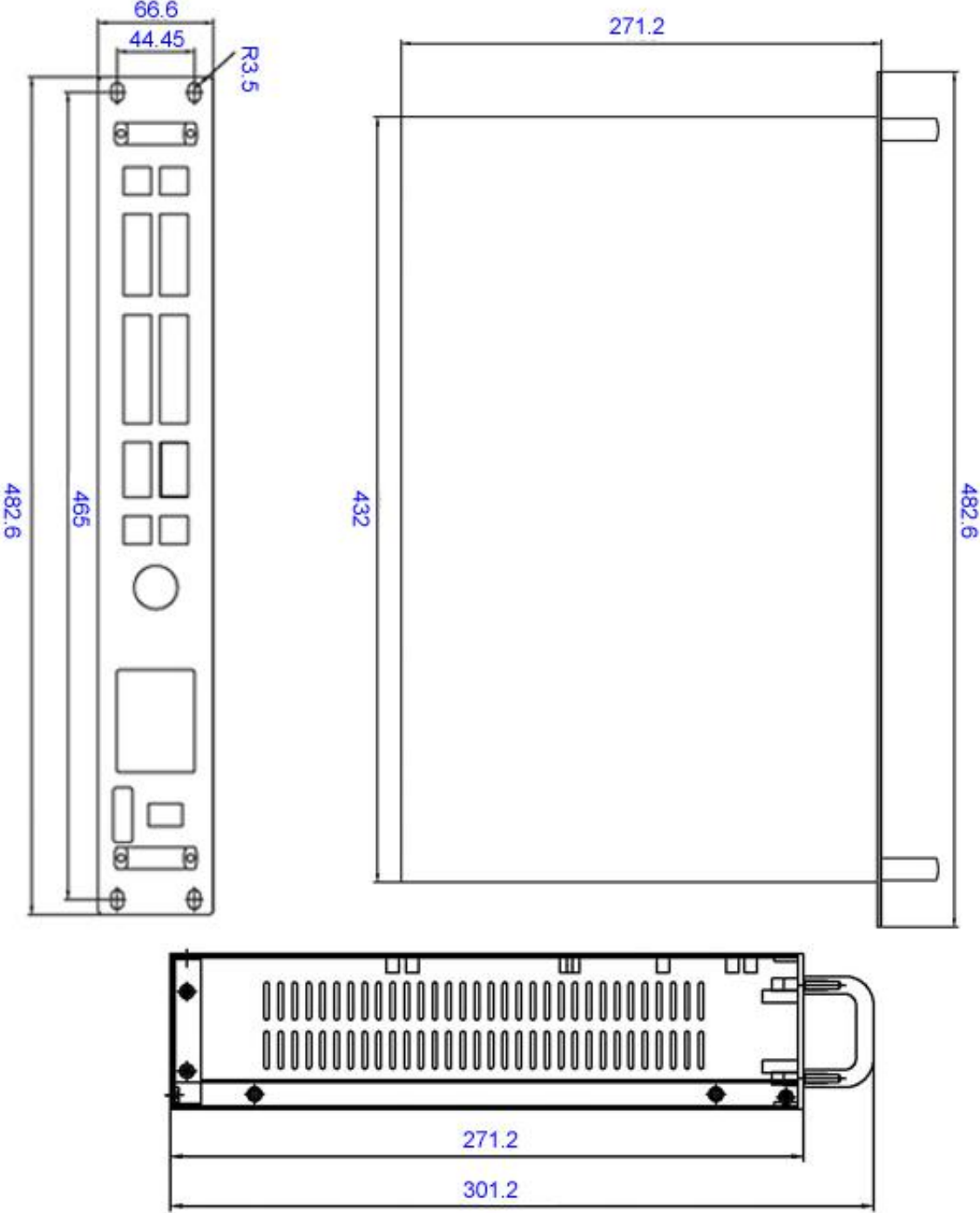
Accessories

Name	Quantity
3Pin power supply cable 1.5m Note: For overseas customers, send 2 PIN(Euro standard) 1.5m	1
USB-A-B communication cable 1.5m	1
HDMI cable (19+1) 1.5m	1
DVI cable (18+1) 1.5m	1
DP 4K cable 1.5m	1
Antenna-2.4G 195mm	1

Contact Us

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