

# Specification

## For OVP-L3X video controller



Version: V1.0    Date: 2021.12.10

## **Description**

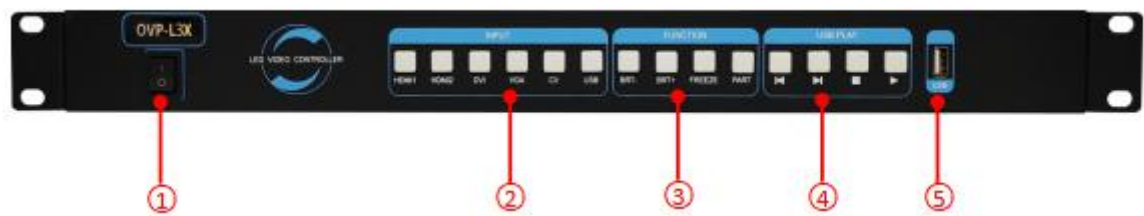
OVP-L3X video controller is a mid-to-high-end video processing equipment developed and produced by our company for LED large-screen display, performance and rental, conference room, studio and other markets. This product adopts 4K image processing technology specially designed for small-pitch LED display screen. It can realize point-to-point input and output for ultra-high-resolution LED large screen, so it can effectively eliminate the edge aliasing phenomenon caused by image enlargement and reduce the image quality. Out-of-focus blur after zooming in.

## **Features**

- Maximum resolution is 3.93 million pixels, the horizontal maximum 8000 pixels, vertical maximum 3840 pixels;
- Cluster with 6channels of Gigabit network output
- Fast seamless switch between all input signage and output mode
- With 5 channels HD digital and analog input interface;
- With dedicated DVI monitoring output interface, support local screen output monitoring;
- Support local USB2.0 multimedia playback;
- Support 3 channel digital input port DVI\HDMI\DP custom input resolution settings;
- Support hot backup of input signal source;
- Support 2 channel of 4K\*2K@60Hz input.
- 8 user modes can be stored for users to quickly call;
- The device can be controlled through PC or USB .

# Instruction

## Front panel



Interface	
1	Power switch
2	<b>INPUT AREA</b> [DVII] ~ [USB] 6 buttons , 6 nos of input port button,mark:press "BLACK" then the LED indicate light is on ,then output the black screen status
3	<b>FUNCTION AREA</b> This area is for some functions and menu shortcut settings, including the following 4 keys: [BRT-]: Reduce the brightness adjustment shortcut key. [BRT+]: Add shortcut keys for brightness adjustment. [FREEZE]: Image freeze shortcut key. [PART]: Switch between partial display and full screen display.
4	<b>USB play area</b> U disk play operation area, this area contains 4 buttons: previous, next, stop, play.
5	<b>USB interface</b> Play via USB

**BACK PANEL**



Video output	
LED1~LED 6	6 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	
DVI	DVI port
HDMI1	HDMI port 1
HDMI2	HDMI port 2
VGA	VGA port
CV	PAL\NTSC composite video signal input port

Audio input/output port	
HDMI audio	HDMI 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

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

## Technical parameters

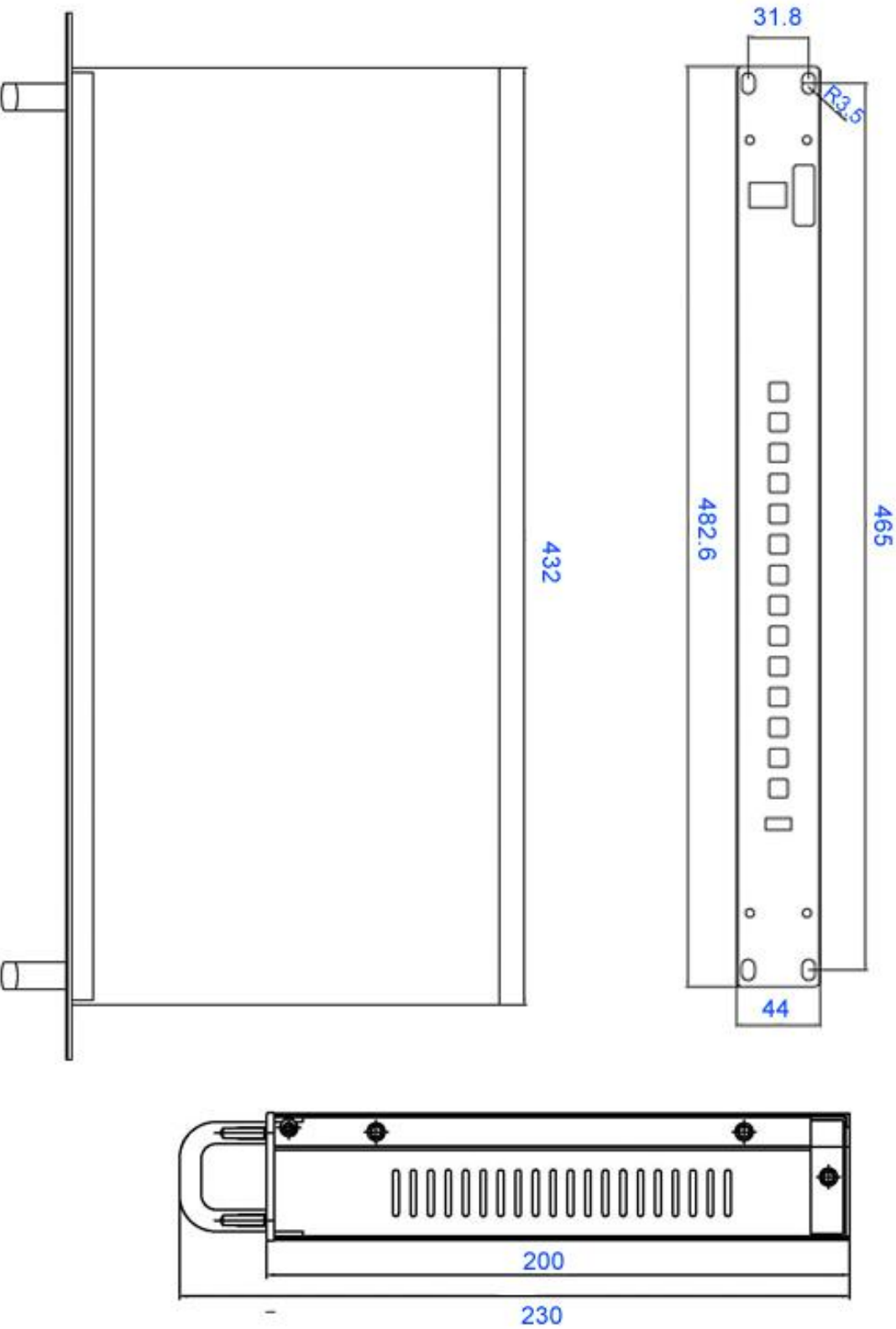
Image input port	
DVI×1	VESA Standard: 1920×1080@60Hzto down, support 3840×2160@30Hz
HDMI×2	VESA Standard: 1920×1080@60Hzto down, HDMI 2.0
VGA×1	VESA Standard: UXGA@75Hzto down
CV×1	Support PAL \ NTSC composite video
USB×1	USB2.0, support HD 1080p@30fps or 720p@60fps content U disk playback Front U disk, support three modes of video playback, picture playback, video and picture mixed playback

Image output port	
DVI×1	1024*768@60Hz
NET×6	6 Gigabit Ethernet port output, connected to the LED display through a network cable, directly connected to the receiving card; The maximum load is 3.93 million pixels, the width is less than or equal to 8000, 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	
<b>voltage</b>	100-240V~50/60Hz
<b>power</b>	≤35W
Working Temp	-30°C~70°C
Working humidity	15%~85%
Operate	Button on panel、LedshowTV、OVP Builder software
Package size	482.6mm×230mm×44mm
Case	1U
Weight	≤3.5Kg

**Dimension**





**Accessory**

Name	Qty
3Pin power cable 1.5M	1
USB-A-B cable 1.5M	1
HDMI2.0 cable 1.5M	1
HDMI-DVI connector	1

## **CONTACT US**

### **Shanghai ONBON Technology Co.,ltd (Headquarters)**

Address: 7 Floor, Tower 88, 1199#, North Qinzhou Road, Xuhui District, Shanghai City,  
China

Tel Phone: 086-21-64955136

Fax: 086-21-64955136

Website: [www.onbonbx.com](http://www.onbonbx.com)

### **ONBON (Jiangsu) Optoelectronic Industrial Co.,LTD**

Address: 1299#, Fuchun Jiang Road, Kunshan City, Jiangsu Province, China

### **Sales Contacts**

Tel: 0086-15921814956 0086-15800379719

Email: [onbon@onbonbx.com](mailto:onbon@onbonbx.com)

### **Second Development**

Tel: 0512-66589212

Email: [dev@onbonbx.com](mailto:dev@onbonbx.com)

### **iLEDCloud**

Website: <http://www.iledcloud.com/>