

OVP-M1X SPECIFICATION



Version: V1.6 Date: 2019.8.19

Description

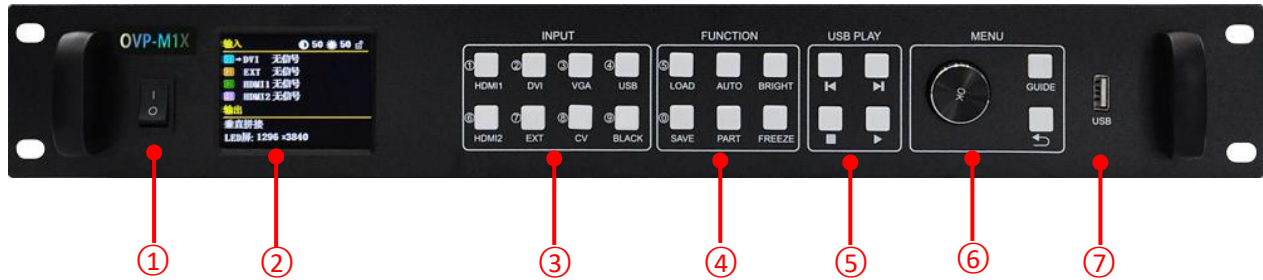
OVP-M1X is a video processing equipment developed for LED large screen, showing and rental, conference room, studio and other markets. This product adopts HD image processing technology which specially designed for small spacing LED display screen. It can realize point-to-point input and output for large 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. OVP-M1X integrates four-channel Gigabit network port output, combining conventional video processor and sending card into one, which not only improves the reliability, but also brings great convenience for remote maintenance of LED display screen. At the same time, with the function of U disk, especially suitable for exhibition.

Features

- ◆ Maximum resolution is 1.3 million pixels, the horizontal maximum 3840 pixels, vertical maximum 2500 pixels;
- ◆ Cluster with 2 channels of Gigabit network output
- ◆ Fast seamless switch between all input signage and output mode
- ◆ With 4 channels HD digital and 1 SD digital and analog input interface;
- ◆ Support 3 channel digital input port DVI\HDMI custom input resolution settings;
- ◆ Support pixel to pixel output.
- ◆ Support any random image splicing
- ◆ 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 PC software, USB interface or WIFI(optional).

Panel instruction

Front panel



Interface instruction	
1	Power switch
2	2.8" LCD (320×240)
3	Operation via LCD panel system
	INPUT <input checked="" type="checkbox"/> INPUT AREA [DVI] ~ [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 [LOAD]: fast turn on the user mode [AUTO] : auto correct the VGA input image [BRIGHT]: fast switch the brightness menu [SAVE]: fast switch the user mode save menu [FREEZE]: image freeze [PART]: Switch between local display and full screen display
5	USB PLAY AREA USB operation area: up, next, stop, play
6	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
7	USB PORT USB insert port

Back panel



Video input source	
DVI	DVI interface
HDMI1	HDMI interface 1
HDMI2	HDMI interface 2
CV	PAL\NTSC complex video signage input port
VGA	VGA interface

Video output port	
LED1~LED2	Send via network cable to LED screen

Audio input & output port	
HDMI audio	HDMI audio input port built-in
AUDIO_IN	Analog audio input port
AUDIO_OUT	Analog audio output port

Control port	
COM	USB input control
WIFI	WIFI control (optional)

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

Specification

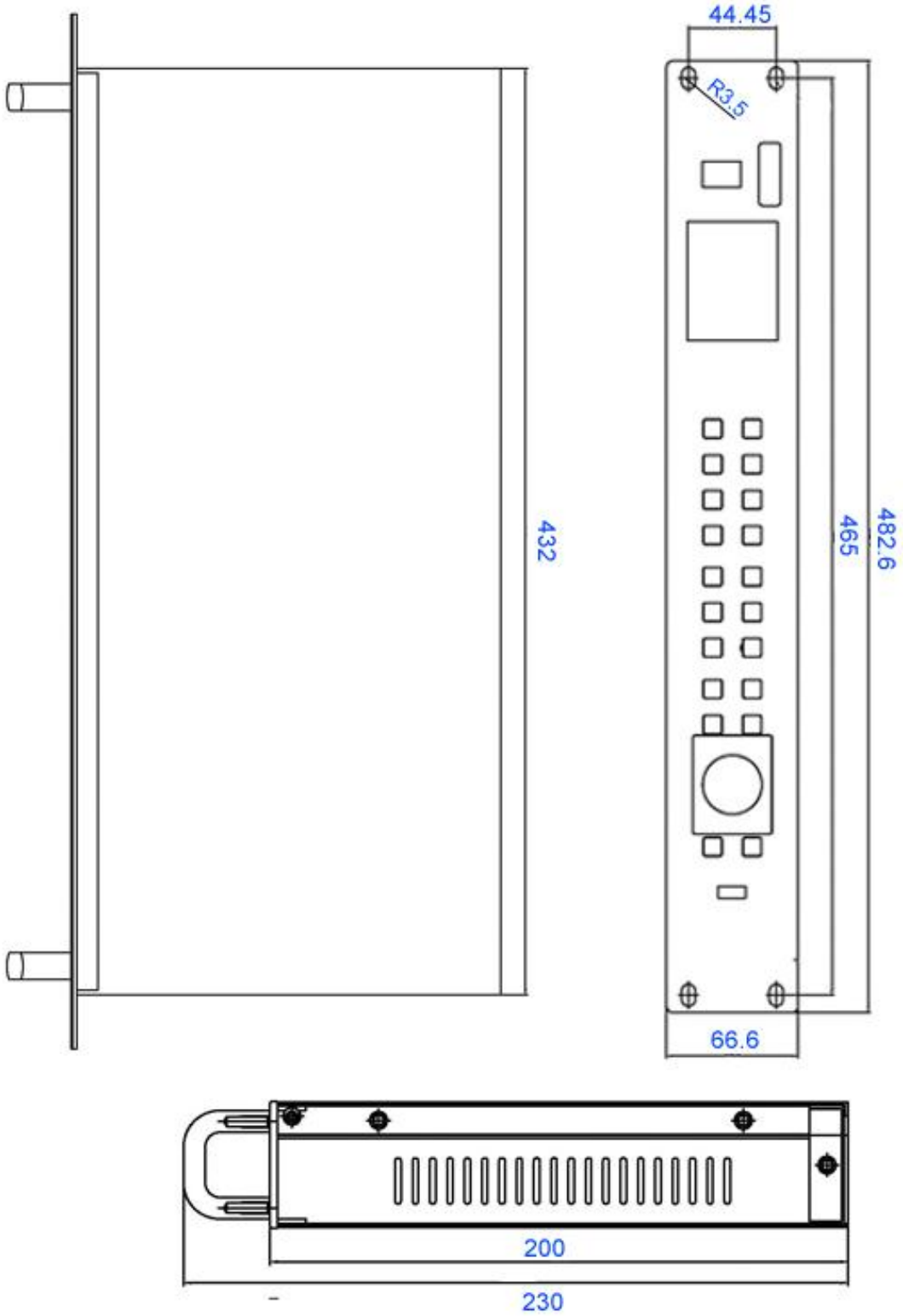
Image input port	
VGA×1	VESA standard: UXGA@60Hz or lower is compatible
HDMI×2	VESA standard, 1920x1080@60Hz or lower is compatible ,HDMI 1.4
DVI×1	VESA standard, compatible with HDMI 1.4
CV×1	Support PAL \ NTSC complex video
USB×1	USB2.0, support 1080p@30fps or 720p@60fps USB display USB support format: Video format: HEVC(H.265)、MPEG2_HD、GAAC、Miracast、MPEG2、MPEG4_HD、MPEG4、RM、MVC、VP9、DD、MPEG4_SD、H.264、VC1、VP8、FLV Picture format: JPG、BMP、PNG

Image output port	
NET×2	Send program via Network cable to LED screen Each port supports maximum 650,000pixels @60Hz 1.Horizontal splicing: width≤3840, height≤2500, total pixels:≤1.3 million pixels 2.Fixed outputting frame frequency 60Hz, support pixel-pixel splicing within 1920*1080

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

Complete parameters	
Input voltage	100-240V~50/60Hz
Power	≤50W
Working temp	-10°C~45°C
Environmental humidity	15%~85%
Operation	LAN、USB、wifi、PC Software
Dimension	482.6mm×230mm×66.6mm
Case	1.5U case
Weight	≤3Kg

Dimension



Accessory

Name	Quantity
220V 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

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

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

Second Development

Tel: 0512-66589212

Email: dev@onbonbx.com

iLEDCloud

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

