

OVP-M2X SPECIFICATION



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Description

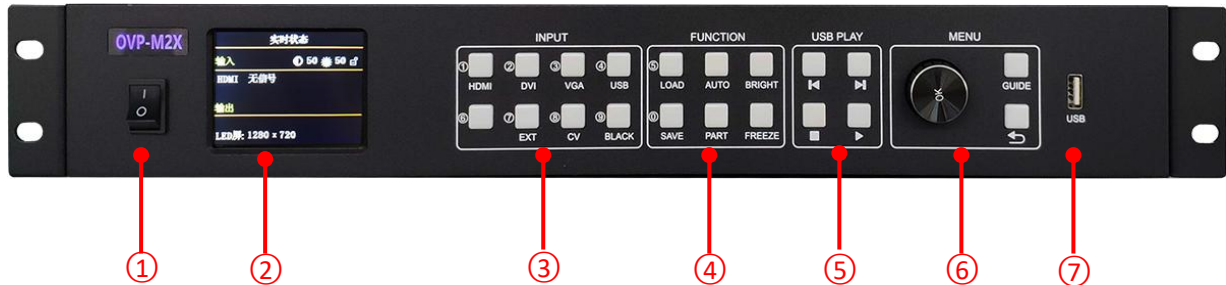
OVP-M2X is a video processing equipment developed for LED large screen, showing and rental, conference room, studio and other markets. This product adopts HD image processing technology which specially designed for small spacing LED display screen. It can realize point-to-point input and output for large 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-L2X 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 2.6 million pixels, the horizontal maximum 3840 pixels, vertical maximum 2500 pixels;
- ◆ Cluster with 4 channels of Gigabit network output
- ◆ Fast seamless switch between all input signage and output mode
- ◆ With 5 channels HD digital and analog input interface;
- ◆ Support 2 channel digital input port DVI\HDMI 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, PC software, USB interface or WIFI(optional).

Panel Instruction

Front panel



Interface instruction	
1	Power switch
2	2.8" full color LCD panel (320×240)
3	Operation via LCD panel system
	INPUT AREA [DVI] ~ [USB] 8 buttons, 6 nos of input port button, mark: press "BLACK" then the LED indicate light is on ,then output the black screen status.
4	FUNCTION AREA There is 6 buttons here : [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	
EXT	Extend input port ,none is DVI, (HDMI/SDI/Screen cast is optional)
DVI	DVI port
HDMI	HDMI port
VGA	VGA port
CV	PAL\NTSC complex video signage input port

Video output port	
MONITOR	Synchronous multi-windows monitor DIV output port, connect with LCD display
LED1~LED4	Send via network cable to LED screen

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 port	
COM	USB input port
LAN	LAN port
WIFI	WIFI (optional)

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

Technical parameters

Image input port	
VGA×1	VESA standard: UXGA@60Hz or lower can compatible
HDMI×1	VESA standard, HDMI 1.4
DVI×1	VESA standard, compatible with HDMI 1.4

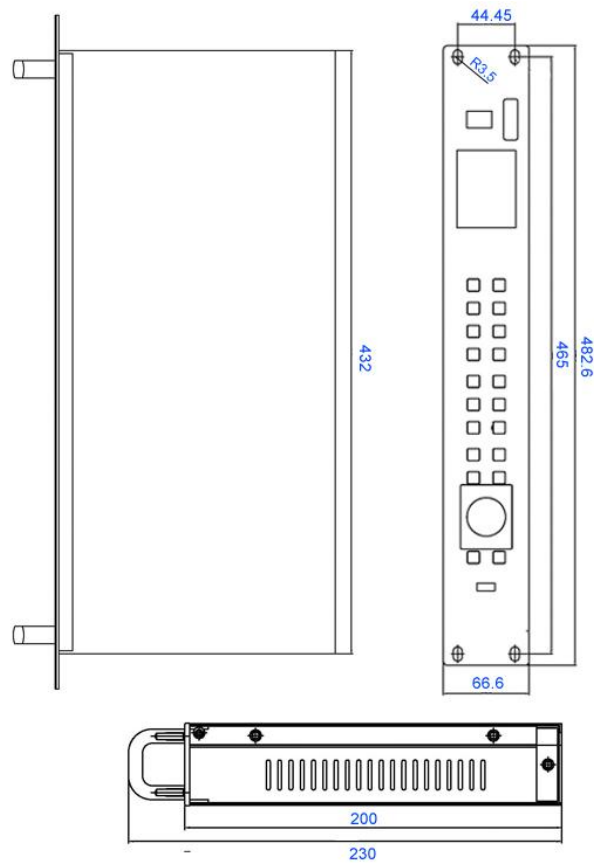
EXT×1	Extend input port (DVI or SDI/ wireless screen cast is optional)
CV×1	Support PAL \ NTSC complex video
USB×1	USB2.0, support 1080p@30fps or 720p@60fps USB display USB support format: Video format: HEVC(H.265)、MPEG2_HD、GAAC、Miracast、MPEG2、MPEG4_HD、MPEG4、RM、MVC、VP9、DD、MPEG4_SD、H.264、VC1、VP8、FLV Picture format: JPG、BMP、PNG

Image output port	
NET×4	Send program via Network cable to LED screen Each port control max 650000 pixels @60Hz Horizontal: W≤3840, H≤2500, Total pixel≤2.6million pixels Support 2K or smaller point to point splicing

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℃~45℃
Environmental humidity	15%~85%
Operation	LCD panel button、LAN、USB、wifi、PC software,APP
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

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