onbon 仰邦科技

全系列LED控制器制造商 | LED应用系统专家

OVP-M2D

Specification

⚠ **Please read this user manual before use this product.**

Statement

The specifications and information which are mentioned on the file is for reference only, if there’s update, we will not inform you. This file is only for guidance, and all information will not be for any promises.

CATALOG

INSTROCUTIONS

OVP-M2D video processor is a video processing equipment developed and produced by onbon for LED large-screen display, performance and rental, conference room, studio and other markets.This product adopts HD image processing technology, specially designed for the small spacing LED display screen. For the large HD resolution LED screen, point-to-point input and output can be realized. Therefore, it can effectively eliminate the jagged edge phenomenon caused by the enlargement of the image and reduce the out-of-focus fuzzy sense of the enlarged image.At the same time because of the U disk playback function, especially suitable for exhibition occasions.

Features

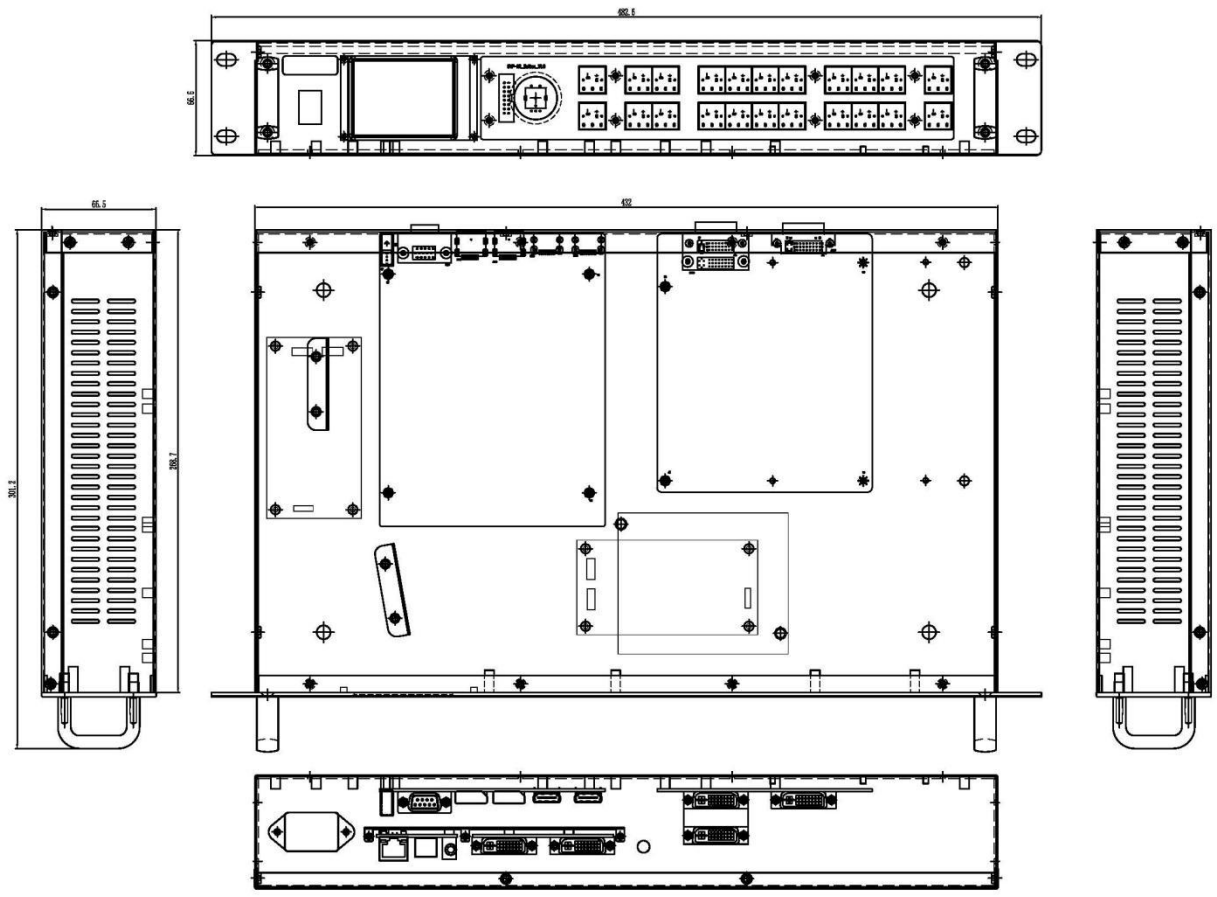
◆ Maximum resolution is 2.55 million pixels, the horizontal maximum 3840 pixels, vertical maximum 2000 pixels;
◆ With 5 channels HD digital and analog input interface;
◆ Support 2 channel digital input port DVI\HDMI custom input resolution settings;
◆ Support hot backup of input signal source;
◆ 8 user 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 the panel keys, USB interface or WIFI.
◆ built in two large LED sending cards

Technical parameters

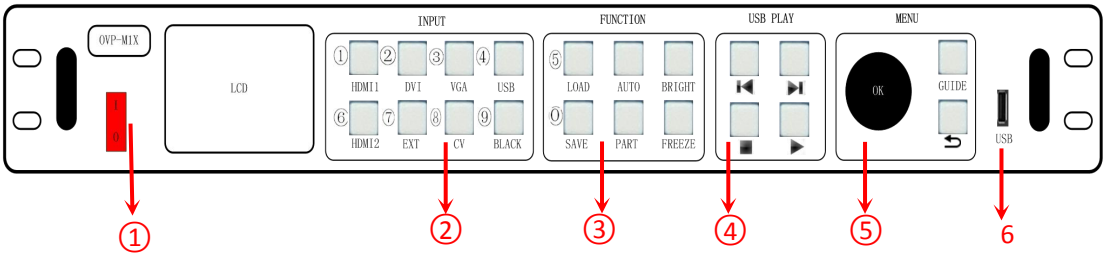
Input signage	
Interface mode/quantity/signage standard	1×HDMI1.4 19Pin HDMI VESA standard :2K@60Hz Downward Compatibility 1×DVI 24+1 DVI-D VESA standard, compatible with HDMI1.4 1×EXT input extension，DVI or 3G-SDI or wireless cast screen 1×VGA 5Pin D_Sub VESA standard:UXGA@60Hz Downward Compatibility 1×CV PAL \ NTSC mixed video 1×USB2.0 HD 1080p@30fps or 720p@60fps USB display Note：USB support the format：HEVC(H.265）,MPEG2_HD,GAAC,Miracast,MPEG2,MPEG4_HD,MPEG4,RM, MVC,VP9,DD,MPEG4_SD,H.264,VC1,VP8,FLV
Output signage	
Interface mode/signage standard	2×DVI
DVI output	Horizontal maximum: 3,840 (pixels), vertical maximum: 2,000 (pixels) Note :(1) the horizontal width x vertical height (total points) shall not exceed 2.55 million points; (2) support point-to-point display within the range of 2K.
Output terminal	24+1 DVI-D VESA standard
Audio output	
Interface mode/signage standard	1×Phone-Jack
Output channel	HDMI Audio or external input audio
Signal standard	Analog Audio

Others	
Parameters and mode	（1）setup via the LCD and front panel （2）remote control via PC and USB （3）remote control via PC software and WIFI(optional)
Built-in LED sending card	2 PCS
power dissipation	100-240VAC(wide voltage)，50W
Temp &humidity	Temp：-10℃—55 ℃，humidity：15-85%
Size /weight	Standard 1.5U case: 470mm（W）× 300mm（H）× 66mm（H）
Weight	3Kg

Dimension

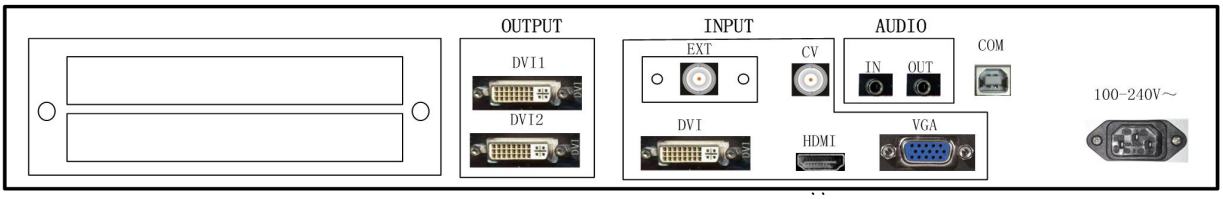


Front panel



Interface instructions	
1	Power switch
5	Operation area ,LCD display status
	MENU area Including one rotation button ,one[OK]，one [GUIDE]and one [⮌]
4	**USB PLAY area** USB display area,including display,pause,up,down
2	**INPUT area** [DVI] ~ [USB] 8 buttons，8 nos of input port button,can switch window : if BLACK and the LED indication light is on ,then will output black screen.
5	**FUNCTION area** [BRIGHT]：brightness adjustment [FREEZE]：image freeze [LOAD]：load user mode menu [SAVE]：fast load the user mode to save menu [AUTO] ：VGA input image auto correction [PART]：Switch between local display and full screen display。
6	**USB interface** USB display insert interface

Back panel



Power	
voltage	100-240V

Video input port	
DVI	Computer digital signal input port
HDMI	digital HD signal input port
EXT	digital HD signal extension port
VGA	Computer analog signal input port
CV	PAL\NTSC Compound video signal input port

Video output port	
DVI1 - DVI2	DVI output port,connect the LED sending card via DVI connection cable.

Audio input output port	
HDMI audio	HDMI video input port built-in
AUDIO-IN	outside audio input port
AUDIO-OUT	Analog audio output port for the selected input signal source audio.

Control port	
COM	USB control port
WIFI	WIFI（optional）

CONTACT US

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