onbon 仰邦科技

Specification
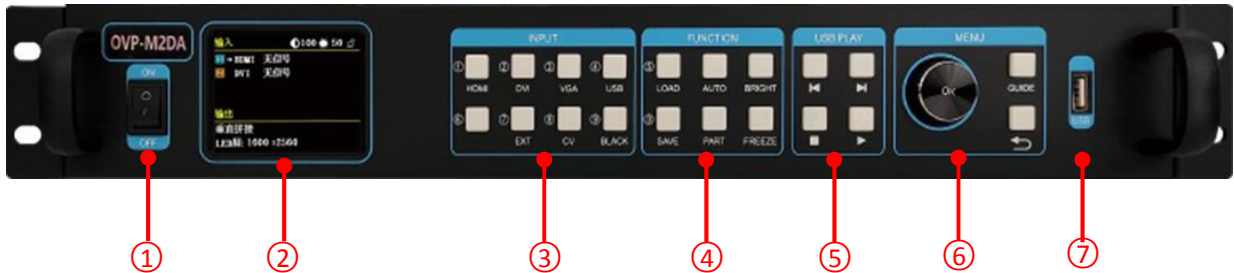
OVP-M2DA video controller

Brief Introduction

OVP-M2DA is a hing-end video processor which is used for big LED screen, stage, rent, meeting room and so on. This product adopts HD high-definition image processing technology specially designed for small spacing LED display screen, which can realize point-to-point input and output for high-definition resolution LED large screen, so it can effectively eliminate the edge sawtooth phenomenon caused by image magnification, and reduce the out of focus blur after image magnification.For high resolution LED screen, users can input and output point to point as to get a better effect.Due to the U disk playback function, it is especially suitable for exhibition occasions.

Characteristics

 Maximum resolution is 2.55 million pixels, the horizontal maximum 3840 pixels, vertical maximum 2000 pixels;

 Fast seamless switching between all input signal sources and output modes; ;

 With 6 channels of ultra high definition (UHD) digital and analog input interface;

 Support 2 channels digital input port DVI\HDMI customized input resolution settings;

 Support input signal source hot backup;

 8 user modes can be pre-stored, and can be fast invoked by users;

 Support intelligent navigation function;

 Support local USB2.0 multi-media player;

 The device can be controlled by panel keys, LAN, USB and Mobile APP.

 Support build in two sending cards

Physical Instruction

Font panel

Interface		
1	ON/OFF for power supply	
2	Colorful LCD screen (320*240)	
3	For operation, LCD will show the display system status	
	INPUT Area Selection area for inputting source, totally [DVI] ~ [USB] 8 buttons. The main screen input source can be switched by short pressing this button.	
4	**FUNCTION area** This area is part of the function and menu shortcut settings, including the following 6 buttons:[LOAD]: Fast switching for users mode menu. [AUTO]: Adjust VGA input screen. [BRIGHT]: Fast switching for adjusting brightness button. [SAVE]: Fast switching for users mode saving menu. [PART]: Switch button for part or all. [FREEZE]: Fast switching for image freeze	
5	**USB PLAY Area** USB operation area, it includes 4 buttons: last, next, stop, play	
6	**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	
7	**USB interface** Plug in U disk	

Back panel

Video input source	
EXT	Extend input port, default is DVI, users can select HDMI or SDI or wireless input
DVI	DVI interface
HDMI	HDMI interface
CV	PAL\NTSC
VGA	VGA interface

Video output source	
DVI1~ DVI 2	DVI output port for sending card

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

Control port	
COM	USB port
WIFI	WIFI

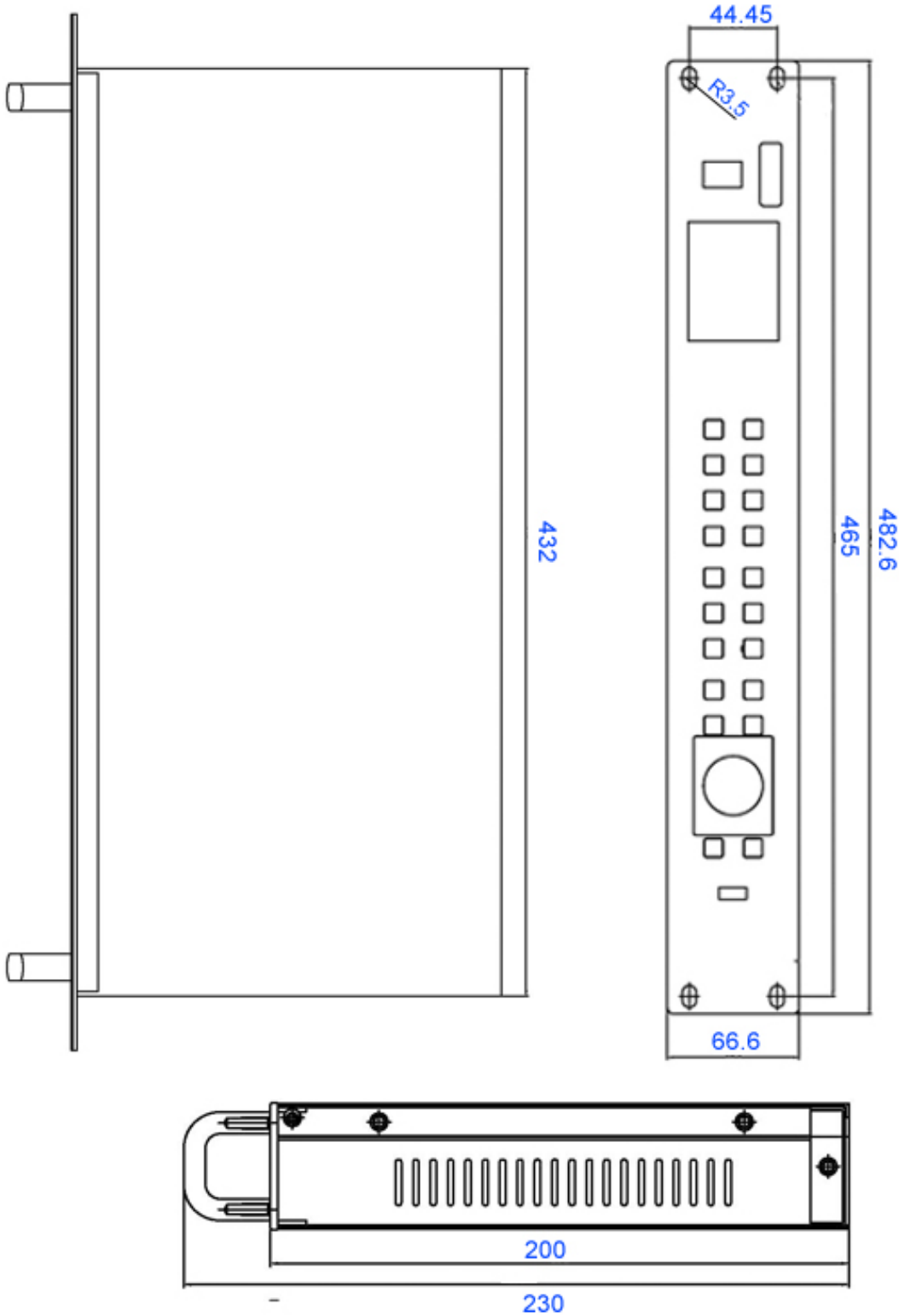| Power supply	
Input voltage	100-240V~50/60Hz

Specification Parameters

Image input port	
VGA×1	VESA：UXGA@75Hz Compatible from down
HDMI×1	VESA:HDMI 1.4
DVI×1	VESA，HDMI 1.4
EXT×1	Extended input port (DVI or SDI or WIFI), standard match with DVI
CV×1	Support PAL \ NTSC
USB×1	USB2.0，support 1080p@30fps or 720p@60fps by U disk

Image output port	
DVI×2	Width≤3840 , Height ≤2000 , Total pixels≤2.55 million Fixed output frame60Hz，support point-to-point display among this rang

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	≤35W
Working temperature	-30℃~70℃
Environment humidity	15%~85%
Operation method	panel keys, LAN, USB and Mobile APP.
Box size	482.6mm×230mm×66.6mm
Box	Box 1 box
Weight	≤3.8Kg

Physical Dimension

Accessories

Name	Quantity
3Pin power supply cable 1.5m	1
USB-A-B 1.5M	1
HDMI2.0 1.5M	1
DVI-HDMI	1
Antenna-2.4G 195mm 1	1

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ONBON APP