Product Specification

All-in-One Video Processor
HD-VP630

V2.0

1. Overview

HD-VP630 is a new architecture 2-in-1 video processor, which integrates traditional video processor and 6-way Gigabit network port output. Support 4-channel signal interface input, supports arbitrary switching of multiple signals, three windows display, which can be used for hotels, shopping malls, conference rooms, exhibitions, studios and other scenes that need to be played simultaneously. In addition, VP630 equipped with Wi-Fi function, support mobile APP wireless operate.

2. Connection Diagram

3. Features

Input

- Support 2*HDMI, 1*DVI, 1*SDI signal input, and them support switch at will.

- 1 channel TRS 3.5mm audio input and HDMI audio input.
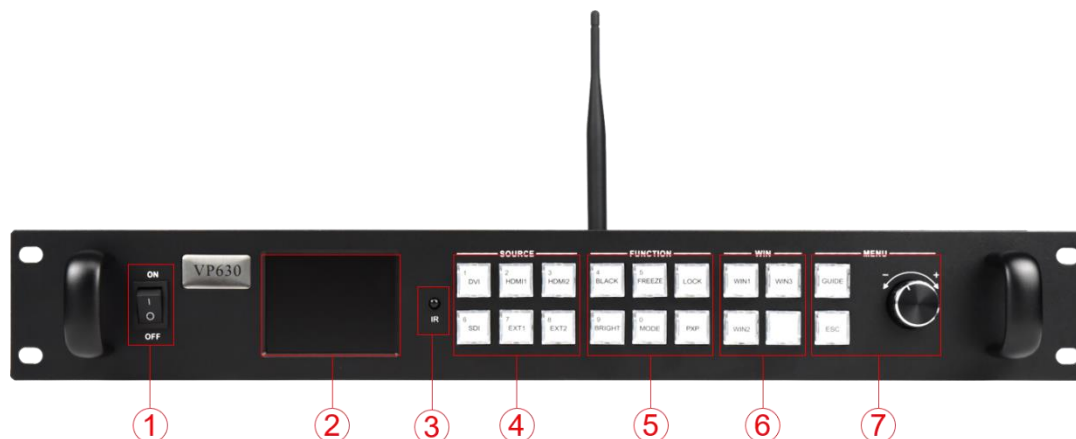
Output

- Standard 6-way Gigabit network output, direct cascade receiving card.

- The maximum loading capacity is 3.9 million pixels, the maximum width is 8192 pixels, and the maximum high is 4096 pixels.

- 1 channel TRS 3.5mm audio output.

Function

- Equipped with Wi-Fi, support mobile APP wireless operate.

- Support IR wireless control.

- Support brightness setting, Key lock function.

- Preset saving and calling of scenarios, support saving 8 user templates.

- Support RS232 centralized management.

- Three-windows display, Support PIP and POP function.

4. Appearance

Front panel：

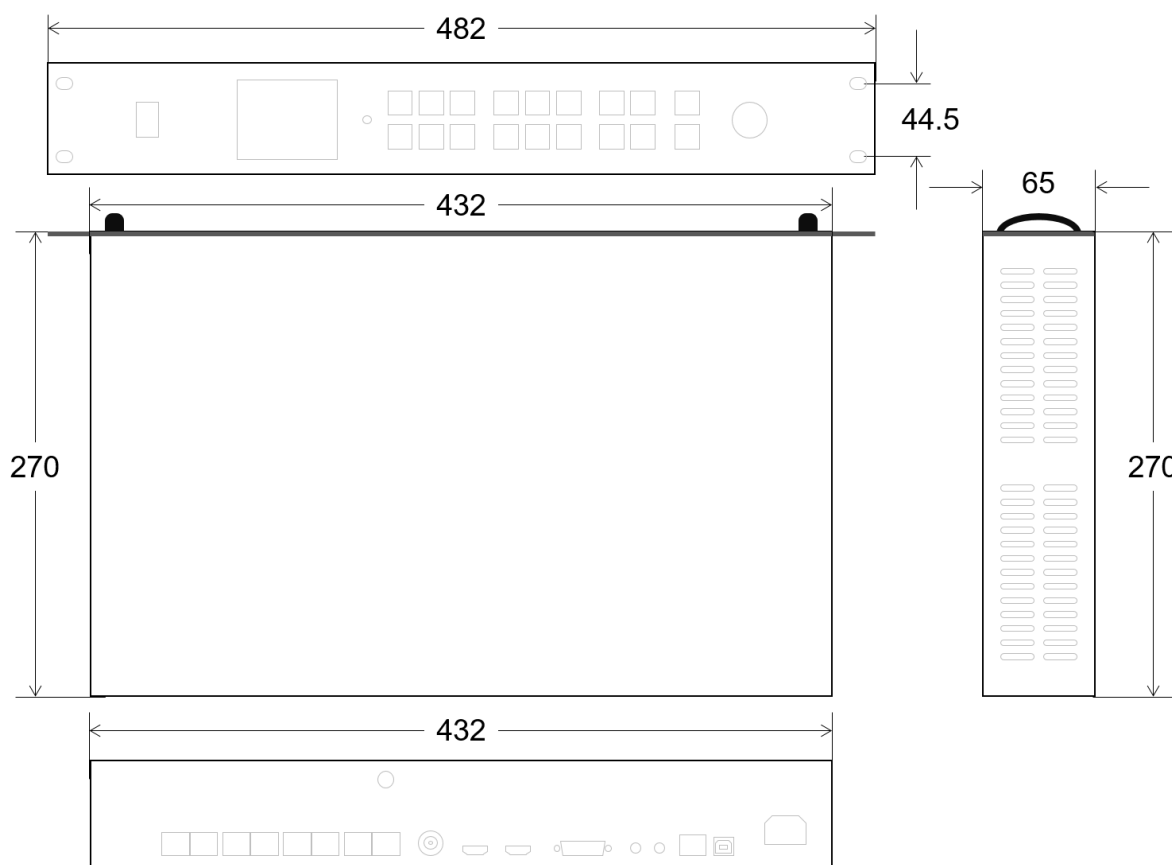| Key Description		
No.	Key	Description
1	Switch	AC power input switch
2	LCD screen	Display menu, screen parameters and other information, used for debug device
3	IR receiver	Switch signal source, brightness setting, volume adjustment and other functions
4	SOURCE	Input Source Select keypad, 4 input source port selection buttons, corresponding to the input interface identification on the back panel.
4	FUNCTION	**Function keys,** the key multiplexing function is digital selection, generally used when setting the resolution. **BLACK**: when you press BLACK and its indicator will be on, the output screen will be in a black state. **BRIGHT**: Quickly swap out the shortcut keys of the brightness adjustment menu. **MODE**: Quickly pop up the preset mode call menu. **PXP**: Quickly enter the dual picture layout menu **FREEZE**: Shortcut key for screen freeze. **LOCK**: Quickly lock the keys to prevent miss operation.
5	WIN	**[WIN1]- [WIN3]** Button: You can press it to add 1~2 window display, and its indicator means the currently selected window.
6	MENU	Short press the knob [OK] key: it means to enter the main menu or input confirmation. Turn the knob clockwise to increase or the next option, counterclockwise to decrease or the previous option. **GUIDE**: can quickly switch out the "smart navigation" setting interface. Return key **ESC**: means to exit the current operation or option.

Rear Panel：

Input interface

No.	Name	quantity	Description
2	HDMI	2	HDMI input interface Interface form: HDMI-A Signal standard: HDMI 1.3 backward compatible Resolution: VESA standard, ≤1920x1080@60Hz Support audio input
	DVI	1	Interface form: DVI-I socket Signal standard: DVI1.0 Resolution: VESA standard, PC to 1920x1200, HD to 1080p
	SDI	1	Interface form: BNC Signal standard: SD-SDI,HD-SDI,3G-SDI Resolution: VESA standard, ≤1920x1080@60Hz
3	AUDIO IN	1	TRS 3.5mm audio input
6	Power	1	AC power interface 100-240V，50/60Hz

Output interface

No.	Name	quantity	Description
1	LAN output	6	Gigabit Ethernet port Transmission speed 1Gbps, used for cascading receiving cards, transmitting RGB data stream. One Gigabit Ethernet port support loading capacity 655,360 pixels.
3	AUDIO OUT	1	TRS 3.5mm dual channel audio output port Connect audio power amplifier for high-power audio external amplifier

Control interface

No.	Name	quantity	Description
4	USB-B	1	Connect to the PC, used for debug LED controller
	RS232		Connect central control equipment for centralized control
5	Wi-Fi	1	Connect to Wi-Fi antenna to enhance wireless signal

5. Dimension

6. Basic Parameters

Item	Parameter value
Rated Voltage(V)	AC 100-240V
Working Temperature(℃)	-20℃~55℃
Working Environment Humidity(%RH)	20%RH~90%RH
Storage Environment Humidity (%RH)	10%RH~95%RH

Illustrate:

1. There may be slight differences between the product pictures in the specification and the physical appearance. If you have any questions, please contact the technical support or salesperson for confirmation.

Version Description

V2.0：Update knew bugs, typography optimized for easier reading.