

G6 Video controller Specification



Version: V1.0 Release date: 2024.6.17

Summary

OVP-G6 Video Controller is a high-end video processing device for the exhibition display, performance rental, conference room and other markets. The device integrates 6 Gigabit Ethernet port large send, supports 4-screen display and any layout, supports high dynamic range HDR10 video source output, provides ultra-clear immersive visual experience. Support remote maintenance of LED display.

Feature

- Stand carry 3.93 million pixels, maximum 8188 pixels horizontally and 8188 pixels vertically;
- Integrated 6-way Gigabit network output interface;
- Support 4 display windows and layer overlay and roaming can be realized;
- Support HDMI\DVI input EDID editing, customizable input resolution format;
- Support high dynamic range HDR10 video source output, providing ultra-clear immersive visual experience;
- With 1 channel 4K Ultra HD and 3 channel HD digital input interface.
- Supports hot backup of multi-screen input signal sources;
- Support wider 4K point-to-point output; (total pixels \leq 4K x 2K, support width > 4K, or height > 2K)
- Standard with RS232 center control interface, standard with WiFi module, standard with audio output interface;
- Support intelligent screen adjustment and work timing of the rental screen;
- All input signal sources and output modes can realize fast and seamless switching or fade-in/fade-out switching;
- 16 user modes can be pre-stored for users to quickly call;
- Standard with 2.8 " LCD screen, support multi-language menu interface (Chinese, English, Russian, Vietnamese).

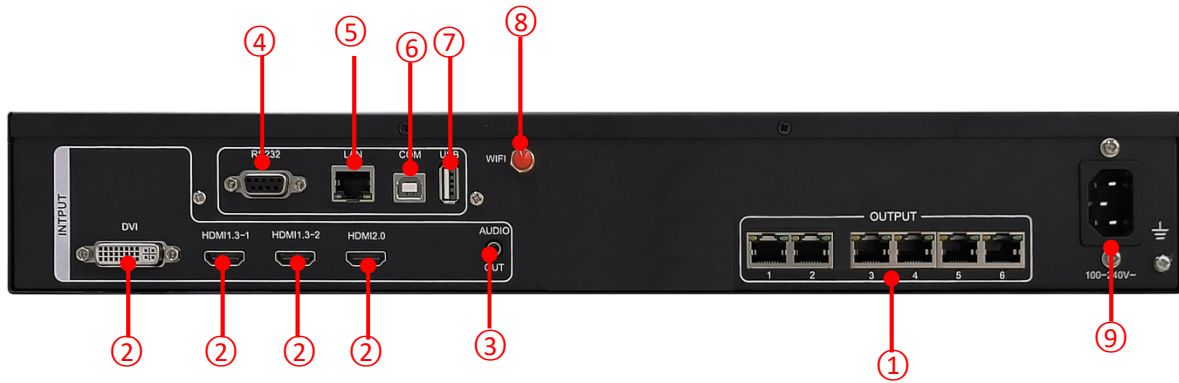
Appearance Description

Font panel



interface	
1	Power switch
2	2.8" color LCD screen, resolution 320*240

Back panel



Interface	
1	Gigabit Ethernet port: 10-way Gigabit Ethernet port output interface to connect to the receiver card.
2	DVI /HDMI1.3 / HDMI2.0: Video Input Interface
3	AUDIO IN /OUT: AUDIO INPUT and OUTPUT port
4	RS232: Center Control Interface
5	LAN: network control interface
6	COM: USB interface
7	USB2.0Interface: support U disk insertion, can export the screen parameter file
8	WiFi
9	Power : 100-240V~50/60Hz

Specification

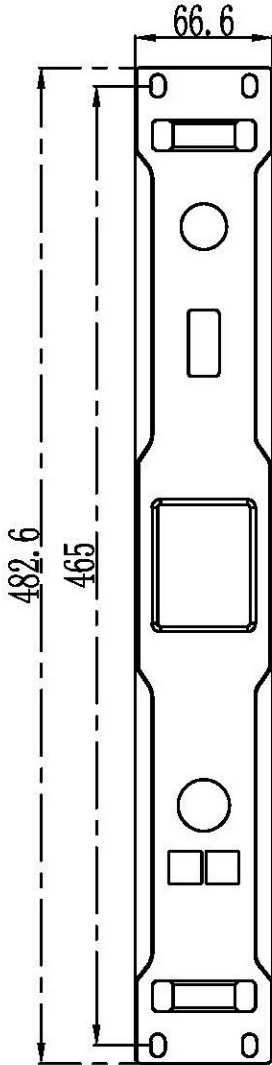
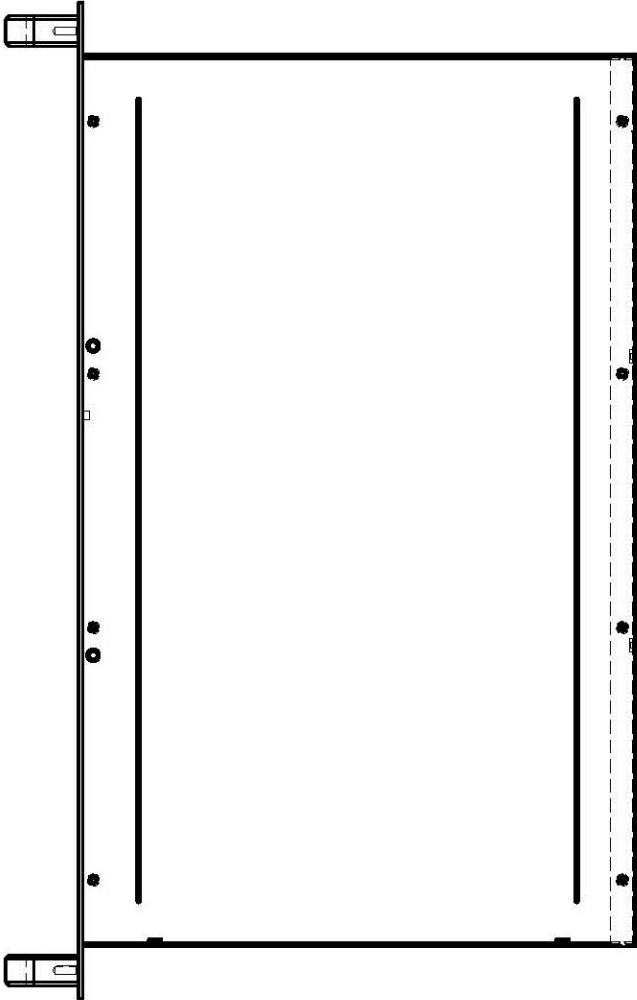
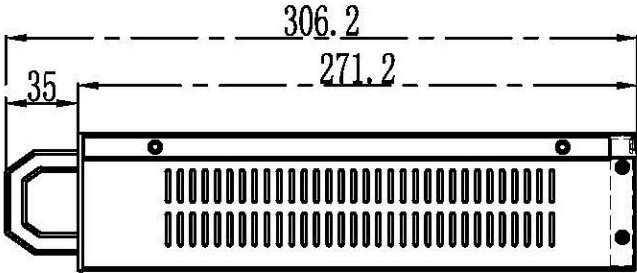
Input signal	
DVI×1	VESA standard: 2K@60Hz backwards compatible
HDMI2.0×1	VESA standard: 4K@60Hz backwards compatible
HDMI1.3×2	VESA standard: 2K@60Hz backwards compatible

Output signal	
NET×6	6 Gigabit Ethernet port output, connect to LED display through network cable, directly connect to receiver card; Maximum bandwidth 3.93 million pixels, width ≤ 8188, height ≤ 8188;

Whole machine specification	
Input Voltage	100-240V~50/60Hz
Power	≤50W
Working Temperature	-30°C ~ 70°C
Ambient Humidity	15%~85%
Control mode	LCD menu, BxSetPro debugging software
Size	482.6mm×306.2mm×66.6mm
Chassis	Standard 1.5U profile chassis
Weight	≤4.9Kg

Dimension drawing

单位: mm



Contact us

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