

G10 Video controller Specification



Version: V1.0 Release date: 2024.6.17

Summary

OVP-G10 Video Controller is a high-end video processing device for the exhibition display, performance rental, conference room and other markets. The device integrates 10 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

- ◆ □ Maximum load 6.55million pixels, maximum 8188 pixels horizontally and 8188 pixels vertically;
- ◆ □ Integrated 10 nos Gigabit network output interface;
- ◆ □ Support open up to 4 display windows for layer stacking and roaming;
- ◆ □ Support HDMI\DVI input EDID editing, customizable input resolution format;
- ◆ □ Supports high dynamic range HDR10 video source output, providing an ultra-clear immersive visual experience;
- ◆ □ Comes with 1 channel 4K UHD and 3 channels HD digital input interface;.
- ◆ □ Support hot backup of multi-screen input signal sources;
- ◆ □ Supports wider 4K point-to-point output; (total pixel count \leq 4K x 2K, support width > 4K, or height > 2K)
- ◆ □ Standard with RS232 center control interface, standard WiFi module, and standard audio output interface;
- ◆ □ Support intelligent screen tuning and work timing for rental screens;
- ◆ □ Fast and seamless switching or fade-in/fade-out switching between all input signal sources and output modes;
- ◆ □ 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).

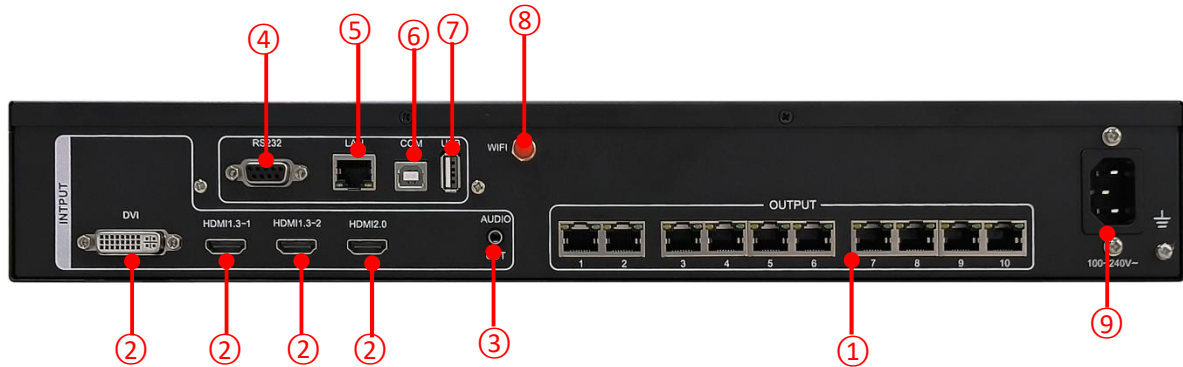
Appearance Description

Font panel



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

Back panel



Interface	
1	Gigabit Ethernet port: 10 nos 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	USB2.0 Interface: support U disk insertion, can export the screen parameter file
8	WiFi
9	Power: 100-240V~50/60Hz

Specification

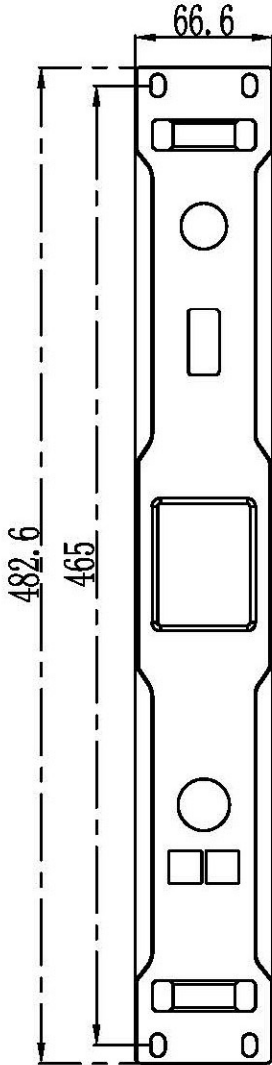
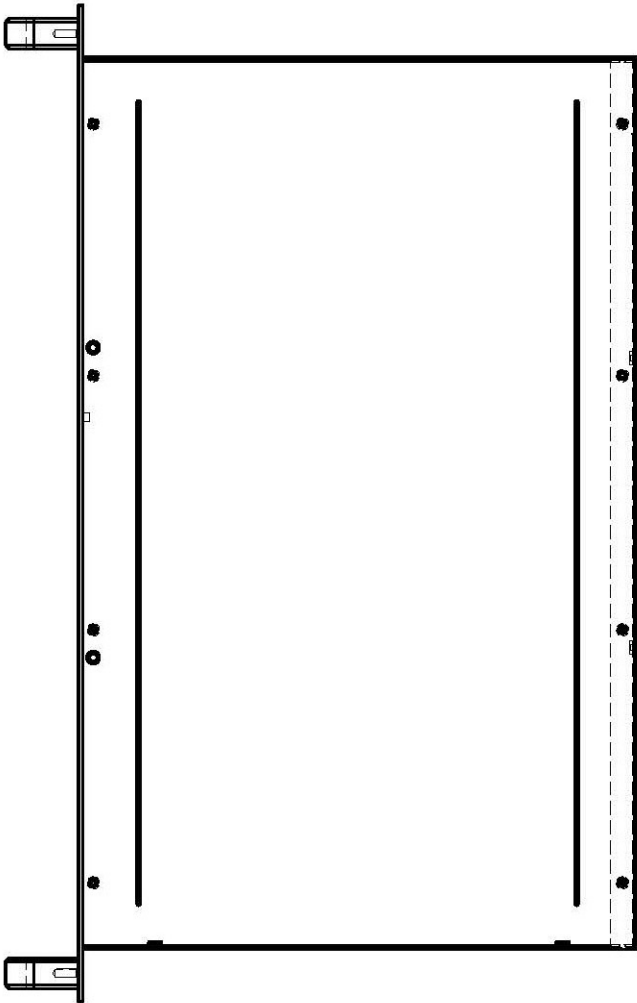
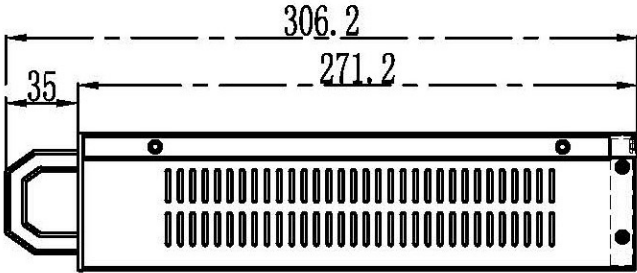
Input signal	
DVI×1	VESA standard: 2K@60Hz backwards compatible
HDMI2.0×1	VESA standard: 4K@60Hz backwards compatible
HDMI1.3×2	VESA standard: 2K@60Hz backwards compatible

Output signal	
NET×10	10 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	≤5Kg

Dimension drawin

单位: mm



Contact us

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