

OVP-G32 VIDEO CONTROLLER SPECIFICATION



Description

OVP-G32 8K ultra-high-definition video controller is designed for large-scale stage performances with demanding requirements for video switching. Since the input can reach 4K ultra-high resolution, and the output can reach 8K×2K ultra-high resolution, it can be used for 8K The ultra-high-resolution large-scale LED backdrop for the stage provides stunning images of unrivaled clarity. In addition, due to the integrated 32-way Gigabit Ethernet output interface, it not only improves the reliability, but also brings great convenience to the remote maintenance of the LED display.

Features

- Single machine can carry 19.6 million pixels, width≤16376, height≤16376;
- Integrated 32 channel of Gigabit network output interface;
- Up to 6 display windows can be opened, which can realize layer overlay and roaming;
- Support HDMI\DVI input EDID editing, can customize the input resolution format;
- Support high dynamic range HDR10 video source output, wider color gamut, higher contrast, and comprehensive improvement of the details of the bright and dark parts of the screen, giving you a super clear and immersive visual experience.
- Fast and seamless switching between all input signal sources and output modes;

- With 2-channel 4K UHD and 4-channel HD digital input interface;
- Supports hot backup of multi-screen input signal sources;
- 16 user modes can be pre-stored for users to quickly call;
- The device can be controlled by touch LCD menu, LAN, USB, WIFI.

□

Instruction

Front panel



Interface	
1	Power switch
2	5"LCD (800*480)

BACK PANEL



Interface Specifications	
1	Gigabit Ethernet Ports: 32 Gigabit Ethernet output ports connecting to receiving cards.
2	EXT/DVI /HDMI1.3 / HDMI2.0: Video input ports
3	AUDIO IN /OUT: Audio input and output ports
4	WiFi: Standard WiFi
5	RS232: Central control interface

6	LAN: Network control interface
7	COM: USB control interface
8	USB2.0 Supports USB flash drive insertion for exporting screen parameter files
9	power: 100-240V~50/60Hz

Voltage	
Input voltage	100-240V

Video input	
EXT	Extended input port. The default port is HDMI1.3. SDI input is optional
DVI	Computer digital signal input port
HDMI3-HDMI4	HDMI2.0 Digital HD signal input port
HDMI1-HDMI2	HDMI1.3 Digital HD signal input port

Video output	
NET×32	32 Gigabit network output interface, directly connected with receiving card of LED screen .Maximum load capacity: 19.6 million pixels, width ≤ 16376, height ≤ 16376;

Audio input output	
HDMI AUDIO	HDMI build-in video input port
AUDIO-OUT	Analog audio output port for selected input signal source audio.

Control port	
COM	USB control port
LAN	LAN control port
WIFI	WIFI control
RS232	Serial port control to connect with the central control device

Technical parameters

Input signage	
HDMI2.0×2	VESA standard: 4K@60Hz downward compatible
HDMI1.3×2	VESA standard: 2K@60Hz downward compatible
DVI×1	VESA standard: 2K@60Hz downward compatible
EXT×1	Extended input port, HDMI on board

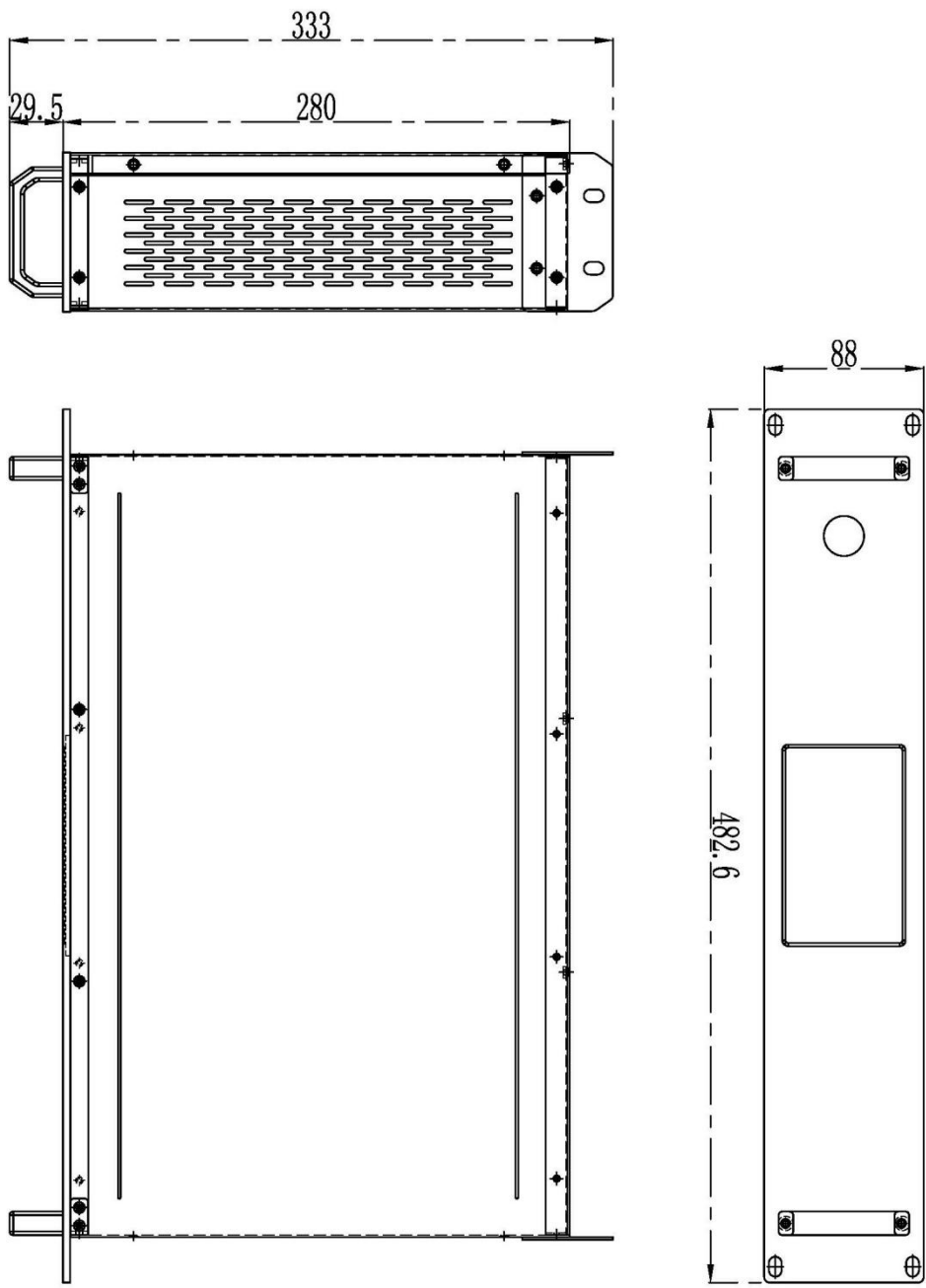
Output signage	
Interface	32×NET (output to remote led screen receiving card)
32 channel Gigabit output	19.6 million pixels, W ≤16376 pixels, H ≤16376 pixels
Output port	RJ45

Audio output	
Port type/qty	1×RCA
Output	HDMI audio
Signage standard	Analog audio

Details	
Input voltage	100-240V~50/60Hz
Maximum power	≤100W
Working temp	-10℃~45℃
Working voltage	15%~85%
Operate	LCD menu, Panel buttons, LedshowTV, OVP Builder, Builder APP
Size	482.6mm×333mm×88mm
Case	Standard 2U case
Weight	≤6.2Kg

Dimension

单位: mm



ACCESSORY

Product name	Quantity
3Pin power cable1.5M	1
USB-A-B cable 1.5M	1
HDMI2.0 cable 1.5M	2
HDMI-DVI connector	1
WIFI antenna	1
Cat 6 network cable1.5M	1

CONTACT US

Shanghai ONBON Technology Co.,ltd (Headquarters)

Address: 7 Floor, Tower 88, 1199#, North Qinzhou Road, Xuhui District, Shanghai City,
China

Tel Phone: 086-21-64955136

Fax: 086-21-64955136

Website: www.onbonbx.com

ONBON (Jiangsu) Optoelectronic Industrial Co.,LTD

Address: 1299#, Fuchun Jiang Road, Kunshan City, Jiangsu Province, China

Sales Contacts

Tel: 0086-15921814956 0086-15800379719

Email: onbon@onbonbx.com

Second Development

Tel: 0512-66589212

Email: dev@onbonbx.com

iLEDCloud

Website: <http://www.iledcloud.com/>