

Product Specifications

G32 Video Controller



Overview

The G32 8K UHD video controller is designed to meet the requirements of large-scale stage performances with demanding video switching. Since the input can reach 4K UHD and the output can reach 8K×2K UHD, it can provide stunning and clear images for large-scale stage LED background walls with 8K UHD. In addition, the integration of 32-channel Gigabit network output interfaces not only improves reliability, but also greatly facilitates remote maintenance of LED displays.

Features

- A single machine can carry 19.6 million pixels , width ≤ 16376 , height ≤ 16376 ;
- Integrated 32-channel Gigabit network output interface;
- Up to 6 display windows can be opened, allowing layer overlay and roaming;
- Support HDMI\DVI input EDID editing, and can customize input resolution format;
- Supports high dynamic range HDR10 video source output, with a wider color gamut, higher contrast, and comprehensive improvement of the details of bright and dark parts of the picture, giving you an ultra-clear and immersive visual experience.
- Fast and seamless switching between all input signal sources and output modes;
- Support 4K×2K@60Hz and 8K×1K@60Hz point-to-point output; (support standard resolution and any custom resolution, width ≤ 7680 , height ≤ 7680)

- Support hot backup of multiple screen input signal sources ;
- 16 user modes can be pre-stored for users to quickly call;
- Standard RS232 central control interface, WiFi module is standard ;
- Support intelligent screen adjustment and working time of rental screens;
- The device can be controlled via touch LCD menu, LAN, USB, and WIFI.

Appearance Description

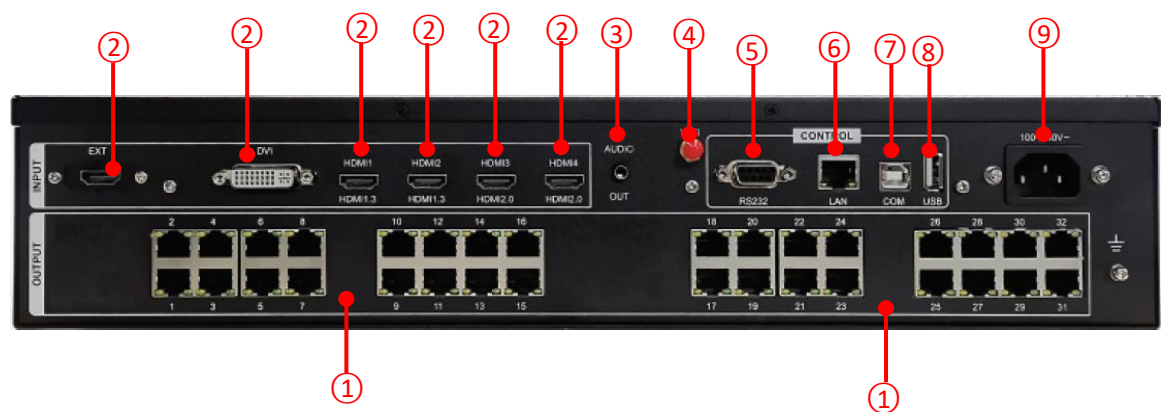
Front Panel



Interface Description	
1	Power switch
2	5 " color touch screen, resolution 800*480

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2	5 " color touch screen, resolution 800*480

Rear Panel



Interface Description	
1	Gigabit Ethernet port: 32-channel Gigabit Ethernet output interface, connected to the receiving card.
2	EXT/DVI / HDMI 1.3 / HDMI 2.0: Video input interface
3	AUDIO IN /OUT: Audio input and output interface
4	WiFi : WiFi is standard
5	RS232: Central control interface
6	LAN: Network control interface
7	COM: USB control interface
8	USB2.0 interface: supports USB flash drive insertion and can export screen parameter files
9	Power supply: 100-240V~50/60Hz

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/>

Specifications

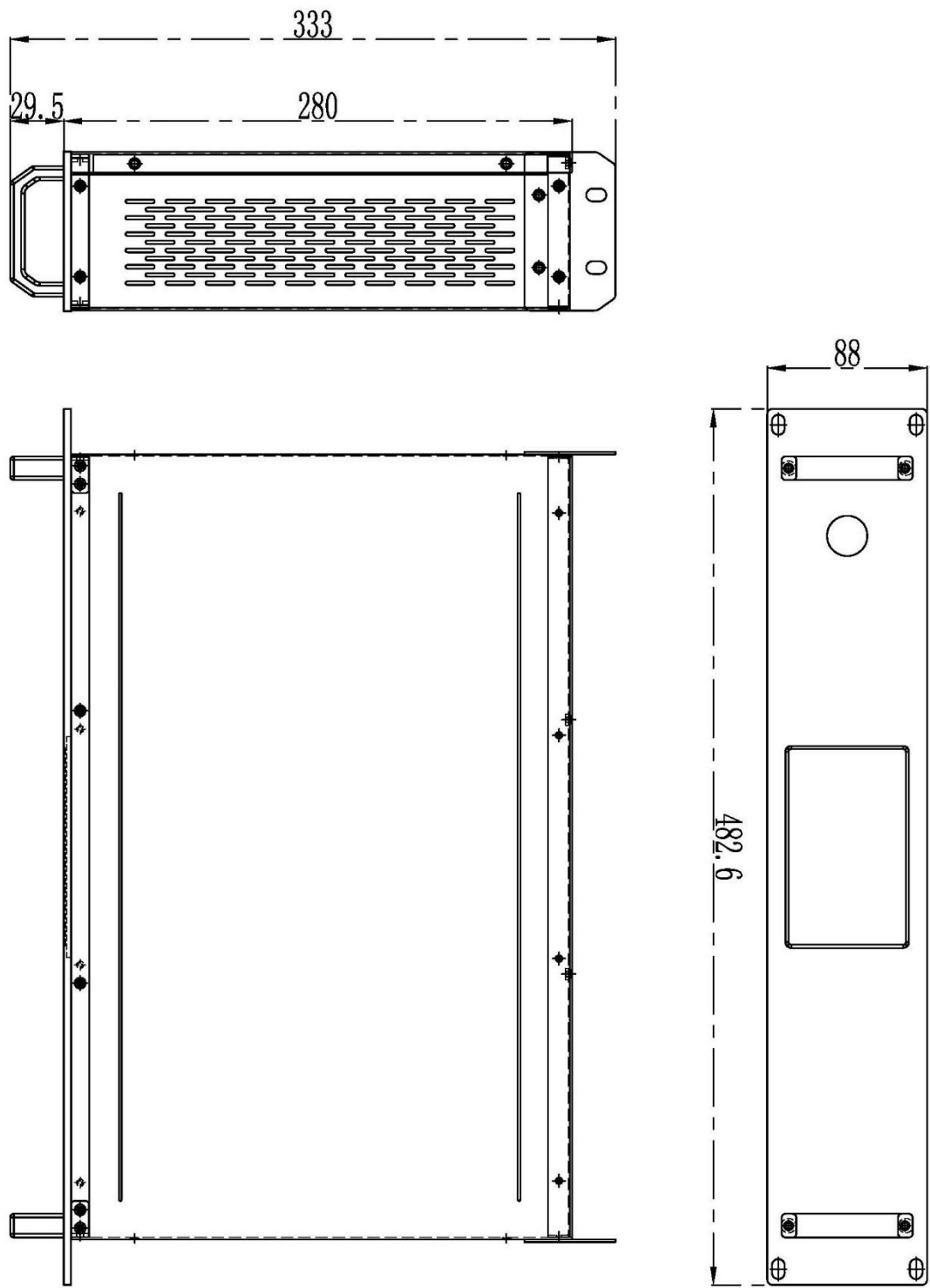
Input signal	
EXT ×1	Extended input, default is HDMI, optional 3G SDI or wireless projection input
DVI×1	VESA standard: 2K@60Hz backward compatible
HDMI1.3× 2	VESA standard: 2K@60Hz backward compatible
HDMI2.0× 2	VESA standard: 4K@60Hz backward compatible

Output signal	
NET× 32	32 Gigabit Ethernet port output, connected to LED display screen via Ethernet cable, directly connected to receiving card; Maximum load: 19.6 million pixels , width ≤ 16376, height ≤ 16376;

Machine Specifications	
Input voltage	100-240V~50/60Hz
Machine power	≤ 100W
Operating temperature	-30℃ ~ 70℃
Ambient humidity	15%~85%
Control method	LCD menu, BxSetPro debugging software
Outer box size	482.6mm×333mm×88mm
Chassis	Diamond black aluminum panel 2U standard industrial chassis
weight	≤6.2Kg

Dimensions

单位: mm



Included accessories

name	quantity
3Pin host power cable 1.5M	1
WIFI straight pole elbow antenna	1
Category 6 soft network cable 1.5M	1
USB-AB cable 1.5M	1
HDMI2.0 soft cable 1.5M	2
HDMI-DVI Adapter	1

Shanghai Onbon Technology Co., Ltd.

Address: 7th Floor, Building 88, No. 1199, Qinzhou North Road, Xuhui District

Website: www.onbonbx.com



Kunshan Optoelectronics Industry Base

Address: No. 1299, Fuchunjiang Road, Kunshan Development Zone, Jiangsu Province

仰邦微信公众号