

# LS6

## Six lan ports 2 in 1 video controller

Version: v2.3

Release Date: November 2021



## Specification



TEL 400 159 0808  
Web: [www.kystar.com.cn](http://www.kystar.com.cn)

**Beijing KYSTAR Technology Co., Ltd.**

Professional Ultra HD Video Display  
Control system integrated solution and service provider

## Version record

version number	Change details	发布时间
V1.0	First release	2019.11.28
V2.0	Modify the load height to 2000	2020.06.12
V2.1	Replacement device size chart	2020.12.09
V2.2	change cover	2021.10.25
V2.3	Correct size data, modify function description	2021.11.18

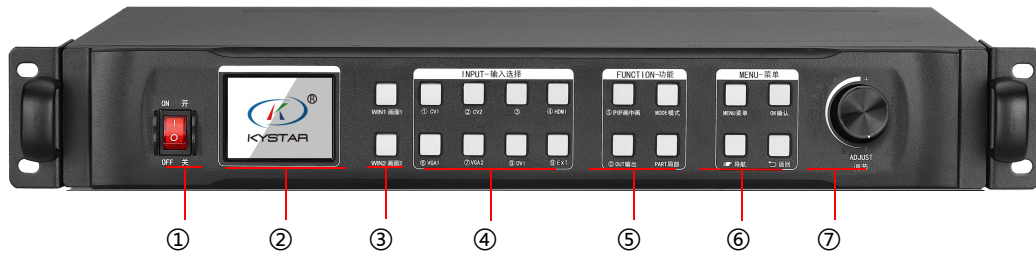
## Overview

LS6 is a six-network-port two-in-one controller that integrates professional video processor and LED sending card for LED display solutions. One device can easily handle the LED screen, which greatly simplifies the LED solution configuration and on-site debugging. At the same time, it also has a dual-windows display function, multi-machine cascading for super-resolution splicing display, and audio and video synchronization switching.

## Functional features

- Maximum load of 3.9 million pixels, a maximum width of 3840 pixels, and a maximum of 2000 pixels;
- Support software control of the host computer to realize visual and quick operation;
- Support dual-windows display, PIP, POP, and the position of the window is arbitrary;
- Supports perfect switching of fade in and fade out;
- Support the independent operation of the control panel, the design of the knob and the number buttons make the equipment easier to use;
- Support 6 channels of HD and SD video signal input, 4 channels of audio input, 1 channel of audio output;
- Support keyboard lock function to prevent misoperation of field personnel after construction and commissioning;
- Supports saving and invoking of five scene modes;
- Support DVI ring-out, easy to achieve multi-machine cascade;
- Support graphic drag and drop, network port layout is convenient and fast.
- Comply with EU RoHS standards;
- CE, FCC certification.

## Panel description



Serial number	Function Description
①	Power switch
②	LCD screen
③	WIN1/WIN2 window selection button
④	Signal source quick selection area
⑤	PIP adjustment, mode call, OUT one-button black screen, panoramic local
⑥	Set menu, navigation, confirmation, cancel function button
⑦	Knob adjustment, vertical press can be used as OK button

## Port specification



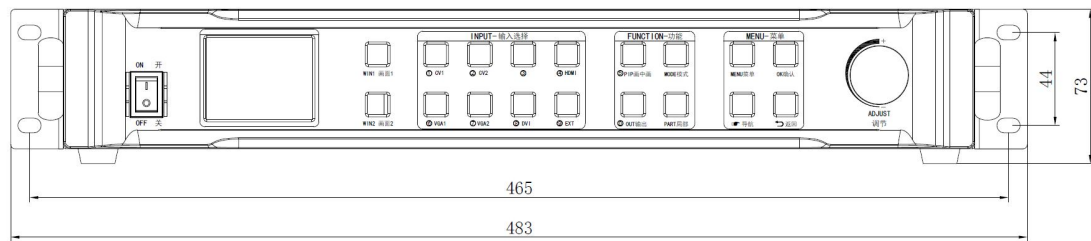
Input port		
Type	Number	Specification
CVBS (BNC)	2	NTSC/PAL adaptive, support 3D comb filter
VGA	2	VESA standard, maximum support 1920×1080@60Hz
DVI	1	1.3 standard, maximum support 1920×1080@60Hz
HDMI	1	1.3A standard, maximum support 1920×1080@60Hz
1/8" TRS Audio	4	3.5mm stereo interface, 2.0Vp-p / 10 KΩ

Output port		
Type	Number	Specification
LAN	6	LAN port, used to transfer data to the receiving card, the maximum load is 3.9 million pixels.
DVI-LOOP	1	Loop out the DVI signal, exactly the same as the DVI input source
1/4" TRS Audio	1	6.3mm stereo interface, 2.0Vp-p / 10 KΩ

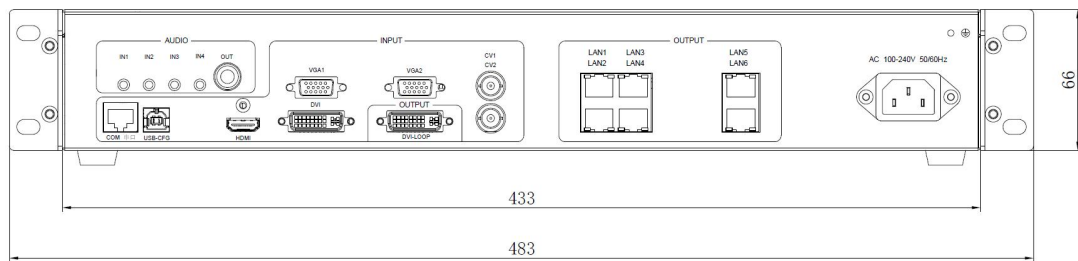
Control port		
Type	Number	Specification
USB (Type-B)	1	USB-CFG interface for connecting PC host computer control
UART (RJ-45)	1	RS232 commander

Machine specification	
Input power	100-240VAC 50/60Hz 0.6A
Working temperature	0-45°C
Dimensions	483×246×72mm (L×W×H)
Net weight	5KG
Power consumption	36W

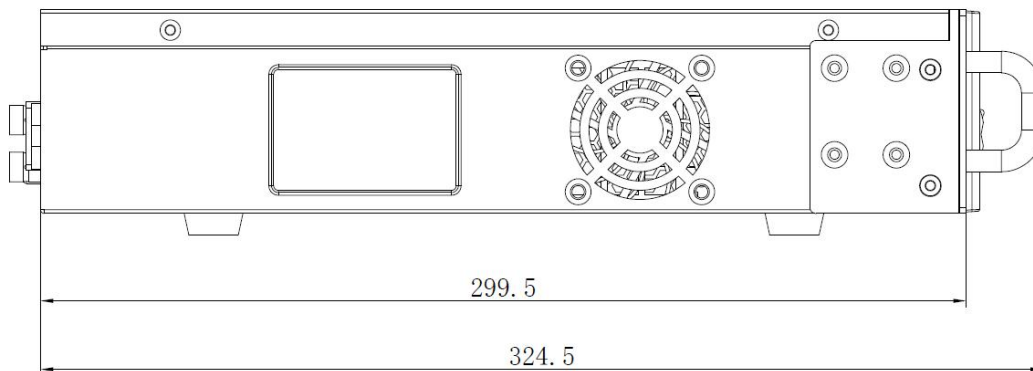
## Accessories: Equipment Dimensions



Front panel size drawing



Back panel size drawing



Side panel size drawing