LS4Pro

Two lan ports 2 in 1 video controller

Version: v2.3

Release Date: November 2021

Specifications

KYSTAR

Version record

version number	Change details	release time
V1.0	first release	2019.11.28
V2.0	Modify device interface information	2020.06.12
V2.1	Replacement Equipment Dimensions Modify Device Loading Information	2020.12.09
V2.2	change cover	2021.10.25
V2.3	Correct size data, modify function description	2021.11.18

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Overview

LS4Pro specifically for the LED display scheme launched a set of professional video processor, integrated led send card, offline player in one, highly integrated triple send controller, a device can easily handle large screen, greatly facilitate the LED Scenario configuration, it also has a dual-windows display function, multi-machine cascade for super-resolution splicing display, and audio and video synchronous switching.

Functional features

1.The maximum load of the whole machine is 2.42 million pixels, the widest is 3840 pixels, and the highest is 1920 pixels.

2.Support PC software control to achieve visual and fast operation;

3.Support dual-screen display, can draw Chinese painting, painting outside, the screen position is arbitrary;

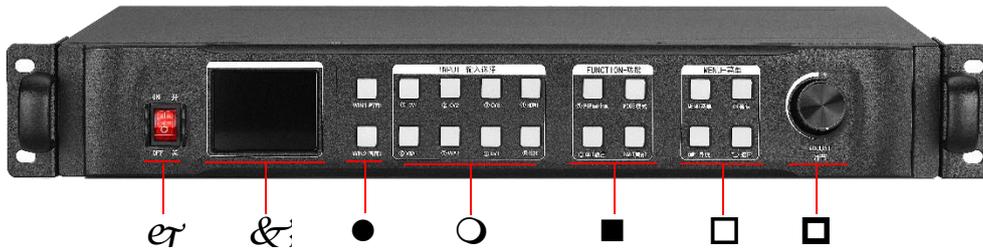4.Support fade in and out perfect switching;

5.Supports independent operation of the control panel, and the design of the knob and numeric keys makes the device easier to use;

6.Support 8 channels of high definition SD video input (SDI option), 4 channels of audio input, 1 channel of audio output;

7.Support keyboard lock function to prevent misoperation of field personnel after construction and commissioning;
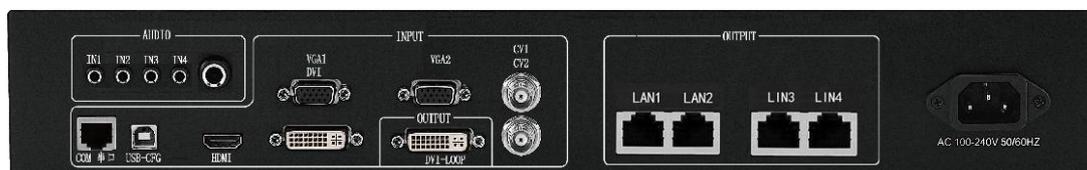
8.Supports saving and invoking of five scene modes;

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Panel description

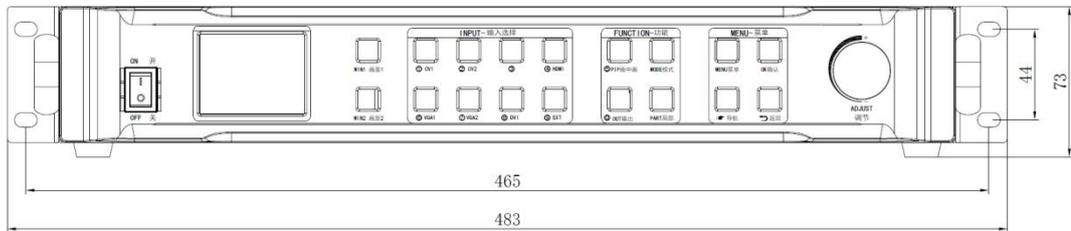| Serial number	Function Description
①	Power switch
②	LCD screen
③	WIN1/WIN2 window selection button
④	Signal source quick selection area
⑤	PIP adjustment, mode call, OUT one-button black screen, panoramic and part
⑥	Set menu, navigation, confirmation, cancel function button
☐	Knob adjustment, vertical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

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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

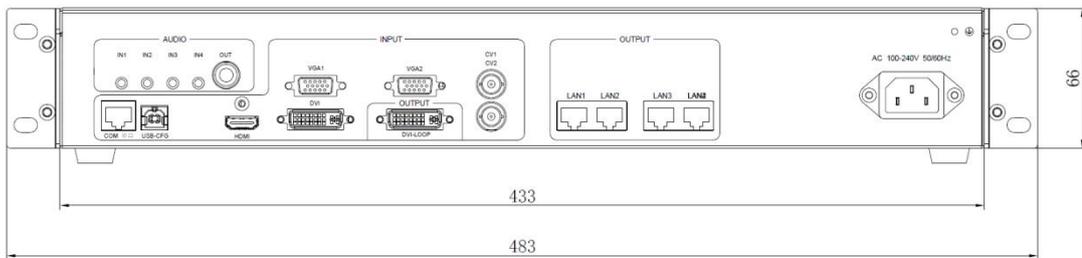| Output port		
Type	Number	Specification
LAN	4	LAN port, used to transfer data to the receiving card, the maximum load is 2.42 million
DVI-LOOP	1	Loop out the DVI signal, exactly the same as the DVI input source
1/4" TRS Audio	1	6.3mm stereo interface, 2.0Vp-p / 10 KΩ

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
Operating temperature	0-45℃
Size	483×324.5×73mm（L×W×H）
weight	5KG
Machine power consumption	36W

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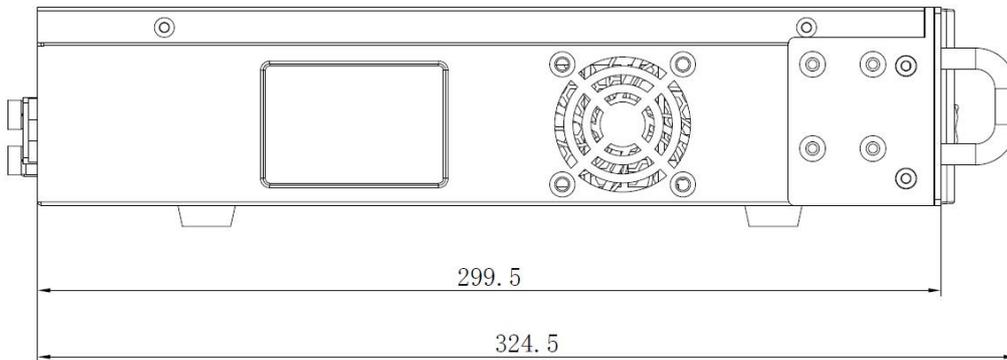
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Accessories: Equipment Dimensions

LS4PRO Front panel

Back panel

Side panel

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