LS2

Two lan ports 2 in 1 video controller

Version: v2.3

Release Date: November 2021

Specifications

KYSTAR

Version record

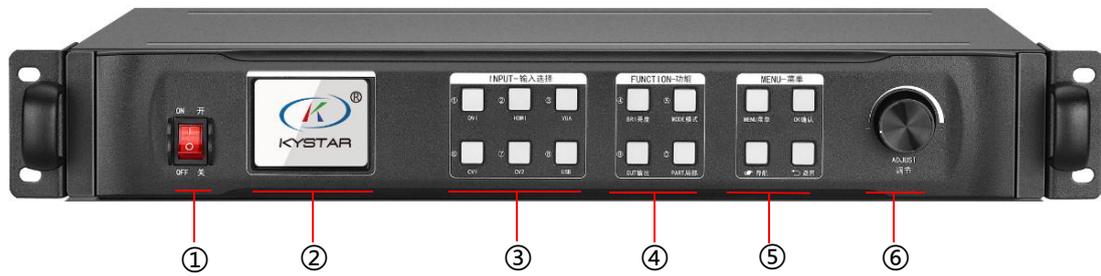| version number	Change details	release time
V1.0	first release	2018.12.12
V2.0	Modify device interface information	2019.11.28
V2.1	Replacement Equipment Dimensions	2020.12.09
V2.2	change cover	2021.10.25
V2.3	Correct size data, modify function description	2021.11.18

Overview

      LS2 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

Functional features

- Professional Video Processor:

    HD Multi Format Signal input

    Transient or fading transitions between arbitrary signals

    Arbitrary free Zoom Display

- Integrated LED sending card：

    2 pcs network port output, the output max width 3840, the max high 1536

    Loading 1.3 million pixels

    Support without computer direct operation,3 Step configuration screen

- high-performance offline Player:

    Support USB playback, perfect support for various video and picture formats

    Offline scheduled tasks that automatically play or switch signals at a user-set time

- One-click configuration :

    Support readback configuration and resend configuration implementation, easily realize one-key repair

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Panel description

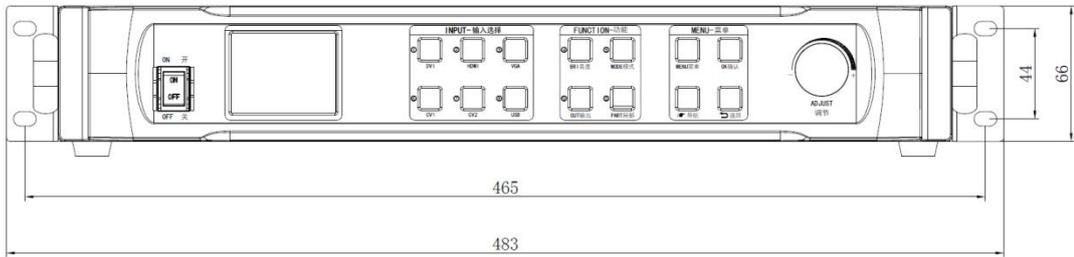| Serial number	Function description
①	Power switch
②	Full-color LCD Information screen
③	Signal source Quick Selection Area
④	Brightness adjustment, Mode load, out a black screen, panoramic local
⑤	Set menu, navigation, confirm, cancel function keys
⑥	Knob Adjustment

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Port specifications

Input port		
Type	Number	Specifications
CVBS（BNC）	2	Ntsc/pal Adaptive, support 3D comb filter
VGA	1	VESA Standard, maximum support 1920x1080@60hz
DVI	1	1.3 Standard, maximum support 1920x1080@60hz
USB	1	USB input, NTFS system supports up to 2T, FAT32 system supports up to 192G, and single file up to 4G
HDMI	1	1.3A Standard, maximum support 1920x1080@60Hz
1/8" TRS audio	2	3.5mm stereo interface, 2.0Vp-p / 10 KΩ

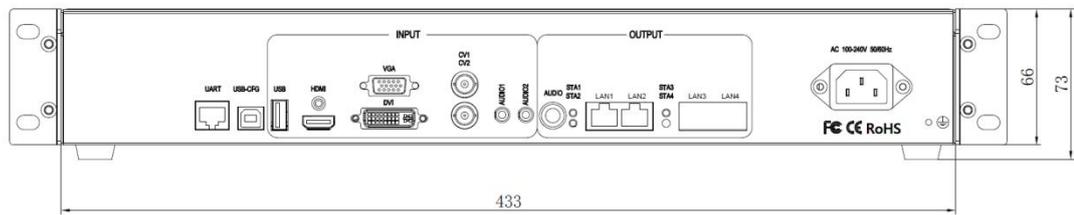| Output port		
Type	Number	Specifications
LAN	2	LAN port, used to transmit data to the receiving card, the output widest can reach 3840, the highest can reach 1536, the maximum load is 1.3 million pixels
1/4" TRS audio	1	6.3mm stereo interface, 2.0Vp-p / 10 KΩ

Control port		
Type	Number	Specification
USB（Type-B）	1	USB-CFG interface, used to connect to PC upper computer control
UART（RJ-45）	1	Serial port protocol

Machine specification	
Input power	100-240VAC 50/60Hz 0.6A
Working temperature	0-45℃
Dimensions	483×245.5×73mm（L×W×H）
Net weight	5KG
Whole machine power consumption	36W

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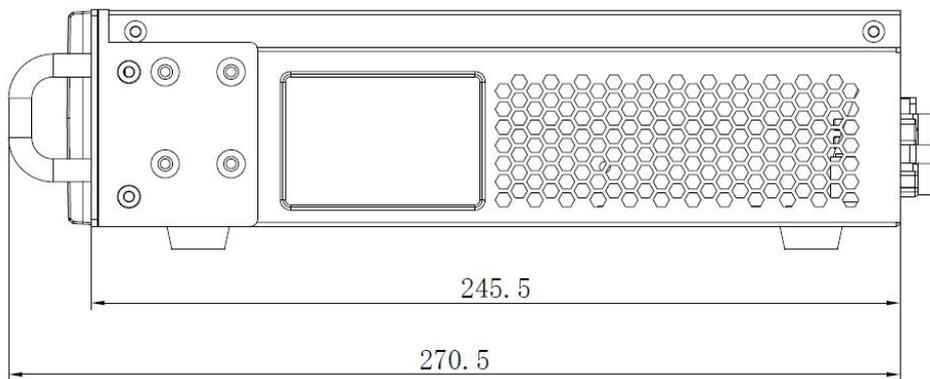
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Attachment: equipment size chart

Front panel size drawing

Back panel size drawing

Side panel size drawing

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