ES2Box

LED sending controller

Version: v2.3

Release Date: November 2021



Specification





© 400 159 0808

Beijing KYSTAR Technology Co., Ltd.

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

Summary

KYSTAR ES2Box sending box is an important part of LED master control system, used to receive data from computers and other equipment, and convert it into network signal transmission to the receiving card. S2Box sending box adopts the industry's top design technology, in line with international and industry standards.

Independent power supply, more convenient to use, more safe.

Functional characteristics

- One DVI video input and two network ports output.
- One Stereo Audio Input, Used with Multi function Card to Transfer Audio.
- USB interface control, can cascade multiple units for unified control.
- The single card carries 1.3 million pixels, and the aspect ratio can be set arbitrarily, with a maximum width of 4000 and a maximum height of 2000.
- Supports the function of storing backup data and realizes one-click repair.
- Support color rendition function.

Panel description



Serial number	Function description
①	Equipment switch
2	UART OUT: Cascading output ports
3	UART IN: Cascading input ports
4	LIGHT SENSOR: Optical probe interface
\$	AC 100-240V-50/60HZ: Ac power port
6	RUN/STATUS: Device running status indicator
⑦	OUT1、OUT2: Ethernet output interface
8	AUDIO: Audio input interface
9	USB: USB control interface, connect upper computer debugging
(1)	DVI: DVI-D input interface

Port specification

Input port				
Туре	Number	Specifications		
DVI	1	DVI-D input, support custom input resolution signal		
Audio	1	3.5mm Audio input interface		

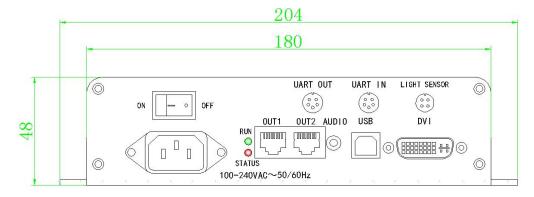
Output port				
Туре	Number	Specifications		
LAN	2	Gigabit network outlet, docking receiving card		

Control port				
Туре	Number	Specifications		
USB (type-B)	1	USB Control Port, Sender Card can be Controlled by PC Software		

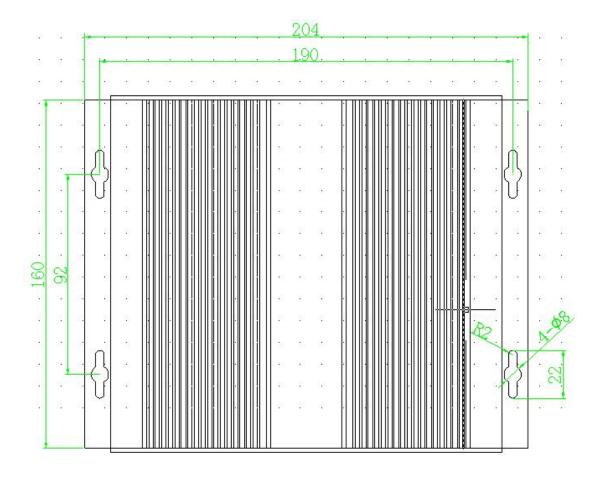
Indicator status		
RUN	Device running indicator Green, blinking with video source input, off or steady without	
	video source	
STATUS	Power indicator red: steady on indicates that the power supply is normal.,off indicates	
	that the power supply is not normal	

Specification for whole machine		
Rated power	100-240V AC~50/60Hz 2.1A	
Working temperature	-10-70°C	
Outline size	204×160×48mm (L×W×H)	
Supported screen type	Full color solid pixels	
Number of onboard receiving cards	240(single network port)	
(single network port)		
Data interface	483×265×73mm (L×W×H)	
Operating humidity (%)	0%-95%	
Input power	100-240V AC~50/60Hz 2.1A	

Annex: Equipment Dimension Map



Back size(mm)



Vertical view(mm)