Sending box
S2Box

Specification

Beijing Kystar Technology Co., Ltd.

Product description

Kystar's S2Box sending box is an important part of the LED main control system. It is used to receive data from computers and other devices, and convert it into network signals for transmission to the receiving card. The S2Box sending box adopts the industry's top design technology and meets international and industry standards.

Independent power supply, more convenient and safer to use.

Features

● One DVI video input, dual network port output.

● One optical sensor head interface, adaptive screen brightness adjustment.

● USB interface control, can be cascaded for unified control.

● A 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, which can realize one-click repair.

● Support color reproduction function。

Interface definition

Port specifications

Input port	
Serial number	Function Description
①	OUT1、OUT2： Ethernet output interface
②	AUDIO： Audio input interface
③	USB： USB control interface
④	DVI： DVI input interface
⑤	UART IN /UART OUT： Cascade input / output interface
⑥	LIGHT SENSOR： Light probe interface
⑦	AC 100-240V-50/60HZ： AC power connector
⑧	Device switch

Types	Quantity	specification
DVI	1	DVI-D input, support custom input resolution signal
Audio	1	3.5mm audio input interface

Output port		
Types	Quantity	specification
LAN	2	Gigabit network output port, connected to the receiving card

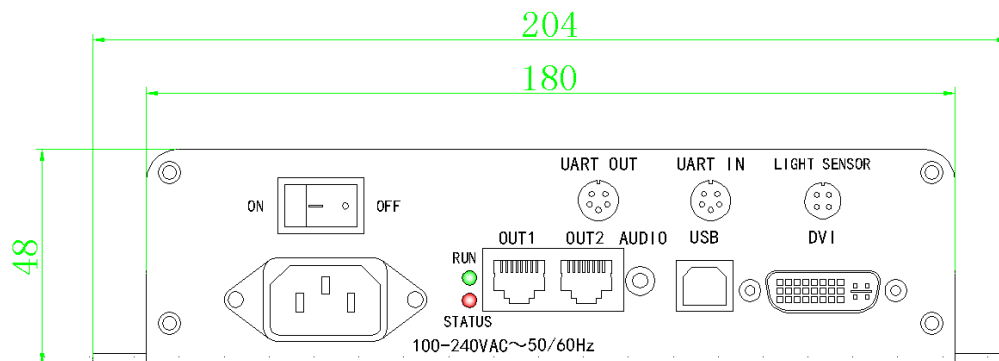| Control port		
Types	Quantity	specification
USB（type-B）	1	USB control port, the sending card can be controlled by the host computer software

Indicator status

RUN	The device running indicator is green, blinks when there is a video source input, and does not light or stay on when there is no video source
STATUS	The power indicator is red. If it is steady on, it means that the power supply is normal. If it is off, it means that it is not powered on.

Machine specifications	
rated power	15W
Operating temperature	-10-70℃
Dimensions	240×160×48mm（L×W×H）
Supported screen types	Full color real pixels
Number of on-board receiving cards (one network port)	240(one network port)
Data interface	Gigabit
Working humidity(%)	0%-95%
Input power	100-240V AC~50/60Hz 2.1A

Attachment: equipment size chart
Unit: mm

Rear panel

Top view