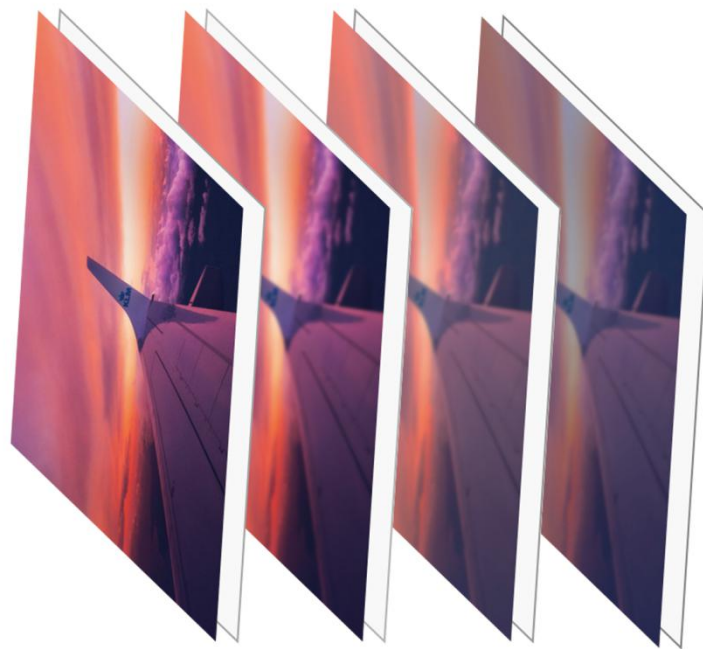


# ES4

## LED sending controller

Version: v2.4

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

# Big Send ES4 Product Specification

## Summary

KYSTAR ES4 sending card is an important part of the main control system of LED. It receives data from computer and other devices, and converts it into network signal and transmits it to receiving card. The S4 sending card adopts the industry's top design technology and meets the international and industry standards.

With independent power supply, the front panel indicator shows the operation status, which is more convenient and safer to use.

## Functional characteristics

- One DVI input and four network ports output
- One Stereo Audio Input, Used with Multi function Card to Transfer Audio
- One access port for photosensitive probe to support sending card to automatically adjust brightness
- Single card with 2.6 million pixels
- Support standard and custom resolution
- Support EDID management
- Supporting the storage of backup data to achieve one-click repair

## Panel description



Serial number	Function description
①	Power switch
②	Green light, RUN, running status indicator; red light, PWR, power supply status indicator

## Port specification



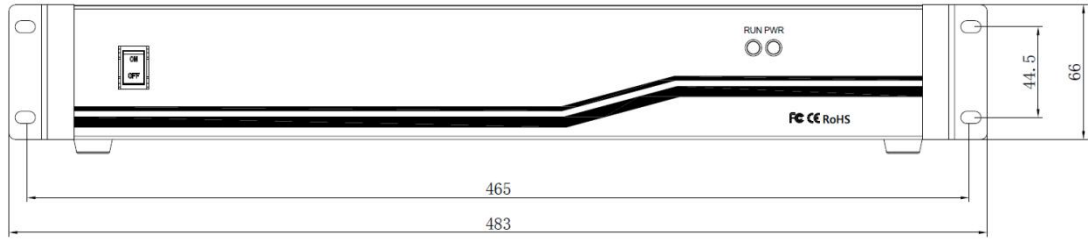
Input port		
Type	Number	Specifications
DVI	1	DVI-D input, support custom input resolution
Audio	1	3.5mm Stereo Sound Input

Output port		
Type	Number	Specifications
LAN	4	Single-port loading has a maximum of 655360 pixels, a maximum width of 4000 pixels and a maximum of 2000 pixels.

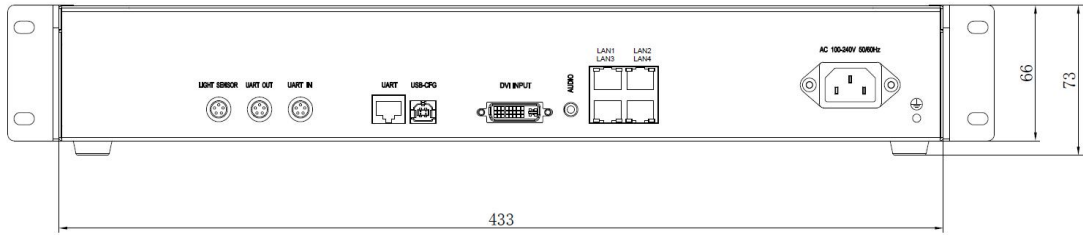
Control port		
Type	Number	Specifications
USB	1	USB Control Port, Sender Card can be Controlled by PC Software
UART (RJ-45)	1	Serial port protocol
UART IN	1	Cascaded Input Serial Port for Automatic Brightness Control
UART OUT	1	Cascaded Output Serial Port for Brightness Automatic Control
LIGHT SENSOR	1	Brightness Sensor, Acquisition of Illumination Information, Automatic Control of Brightness

Specification for whole machine	
Input power supply	100-240V AC~50/60Hz 2.1A
Working temperature	0-45°C
Outline size	483×265×73mm (L×W×H)
Net weight	5KG
Overall power consumption	102W

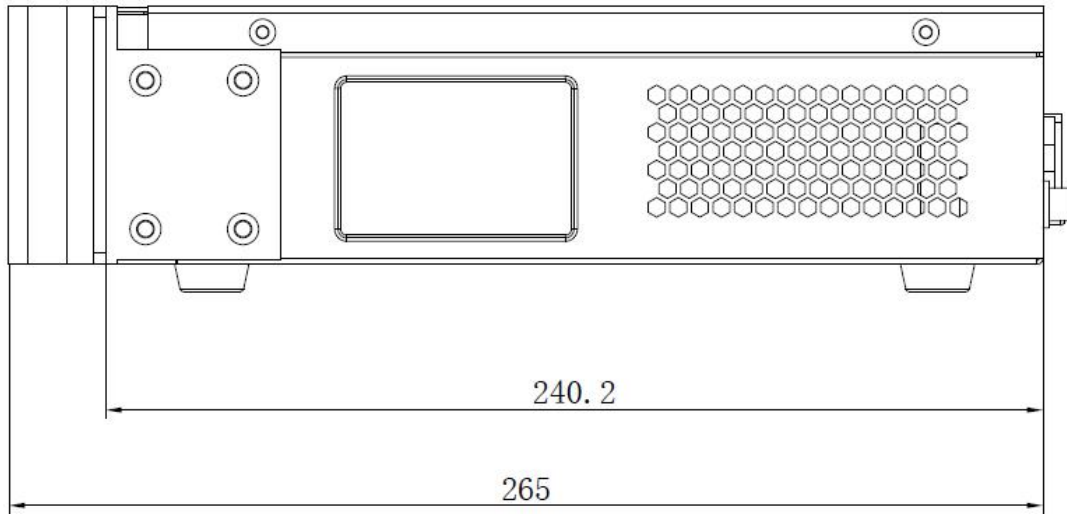
# Annex: Equipment Dimension Map



**Front panel size(mm)**



**Back size(mm)**



**Side size(mm)**