

1 Product overview

1.1 Product application

The ES2 sending card is a transmitting device for displaying data in the LED display control system.

1.2 Functional characteristics

- A DVI input, double ethernet ports output。
- 1 light probe port for screen brightness automatic adjustment
- Single card supports 1.3 megapixels
- Support storage of backup data to Implement one key repair。
- Multiple sending cards concatenations control unified。
- Color rendition supported。
- Power supply reverse protection and various power。
- Comply with the EU RoHS standard。
- Via CE, FCC authentication。

2 Product appearance

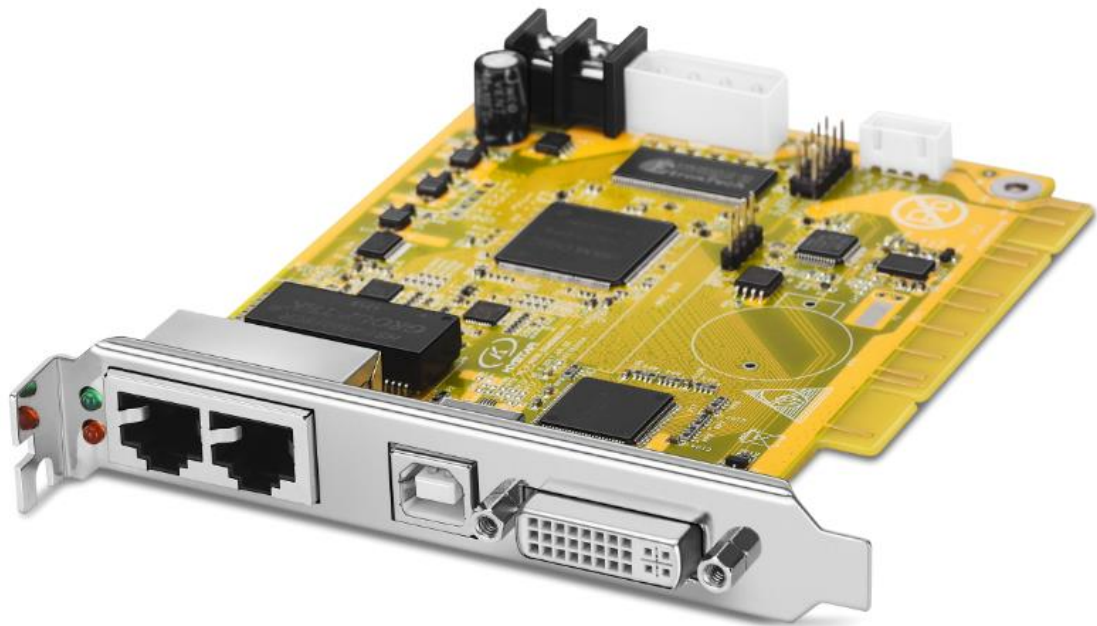


Chart 1 ES2 sending card

Note: the photos in this article are for reference only.

3 Interface signal definition

3.1 1 channel DVI signal input to support custom input resolution

3.2 2 Gigabit Ethernet output

3.3 1 USB interfaces to communicate with the PC Software

3.4 PCI slot, providing DC 5V voltage

3.5 Small 4P power interface (JP11)

Definition as follows:

1	2	3	4
VCC	VCC	GND	GND

3.6 Large 4P power interface (JP2)

The pin is defined as follows:

1	2	3	4
VCC	GND	GND	NC

4 Indicator lamp State description

Indicator lamp state	
red	The power indicator light is red, bright is on power, and Not bright is not on power.
green	Equipment running indicator is green, Flashing when there is a video source input, not bright or bright when no video source input.

5 Electrical parameters

Project	parameter values
Rated voltage	DC 3.5V-6V

Rated current	0.6A - 1.0A
working temperature	-10°C - 70°C
Working humidity	0% - 95%

6 Size diagram

