Colorlight

S2 Sending Card

Beijing Colorlight Technology Co., Ltd.

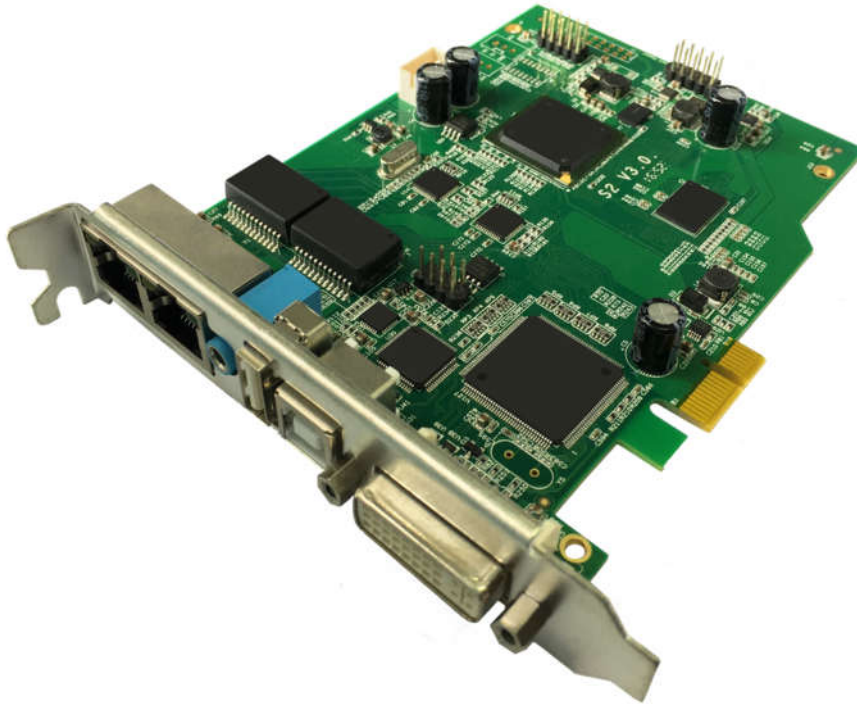# S2 Sending Card

Features

- DVI signal input port

- Audio input port with synchronous transmission via Ethernet cable

- Maximum input resolution: 1920*1200 pixels

- Loading capacity: 1.31 million pixels

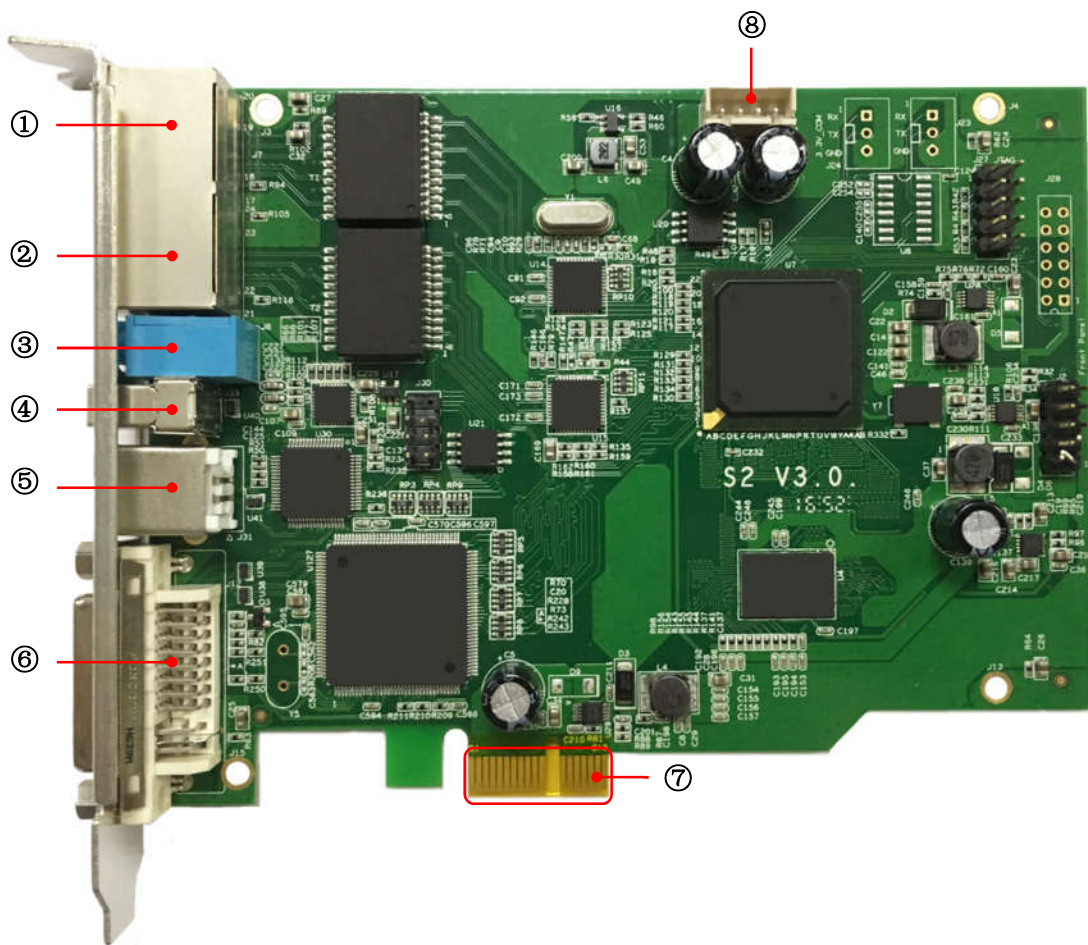 Maximum Width: 2560 pixels, Maximum Height: 2560 pixels

- 2 Gigabit Ethernet port outputs support screen arbitrary splicing

- Dual USB ports for high speed configuration and easy cascading

- Improved grayscale performance at low brightness

- Equipped with 1X PCI-E interface for increased versatility

- Wide working voltage with DC 3.8~12V

- Compatible with all series of Colorlight receiving cards

Specifications

Video source interfaces	
Type	DVI
Receiving Resolution	1920*1200 pixels
Frame Rate	Standard 60Hz, and auto adjustment

Gigabit Ethernet Outputs	
Quantity	2 ports
Net Port Control Area	Each net port is 1280*512 pixels (or equivalent area). 2 net ports are 1280*1024 pixels (or equivalent area) Single card max width up to 2560 pixels, and 2560 pixels in height
Transmission Distance	CAT5≤140M；CAT6≤170M；Optical fiber: No limitation
Net Port Cascading	Up-down or left-right cascading defined by user
Transmission Mode	Frame mode (Gigabit Ethernet) with CRC

Connecting Device	
Receiving Card	Compatible with all series of Colorlight receiving card
Peripherals	Multifunction cards, optical fiber transceiver, gigabit switcher

Parameters	
Size	140*105 mm
Input Voltage	DC 3.8V-12V
Power Consumption	6W
Weight	100g

External Interface	
Configuration Port	USB
Real-time Configuration	Support
Brightness and Chromaticity Adjustment	Support
Smart Detection System	DVI interface detection
Real-time Clock	Includes real-time clock

More Functions	
Multi-Screen Control	Multiple screens with different sizes can be controlled simultaneously
Background Playing	Support background playing (Extended mode)
Audio Transmission	Support
BER Detection	Ethernet cable quality and malfunction detection

Hardware

Interface Description

Number	Name	function	Remarks
1	Output Port A	RJ45, to transmit network signals	The control area of the two outputs can be separately set
2	Output Port B	RJ45, to transmit network signals	
3	Audio Input	Input audio signal and transmit to the	Multifunction card

		screen through Ethernet cable	
4	USB TYPE-A	USB output, cascading among multiple sending cards	
5	USB TYPE-B	USB input, connecting PC for configuring parameters	
6	DVI Input	DVI output interface, connect to the graphics card	
7	PCI-E 1X	Match with computer 1X PCI-E slot for sending card power on	
8	Power Input	Connect to DC3.8V-12V	

1. Dimension

Unit: mm