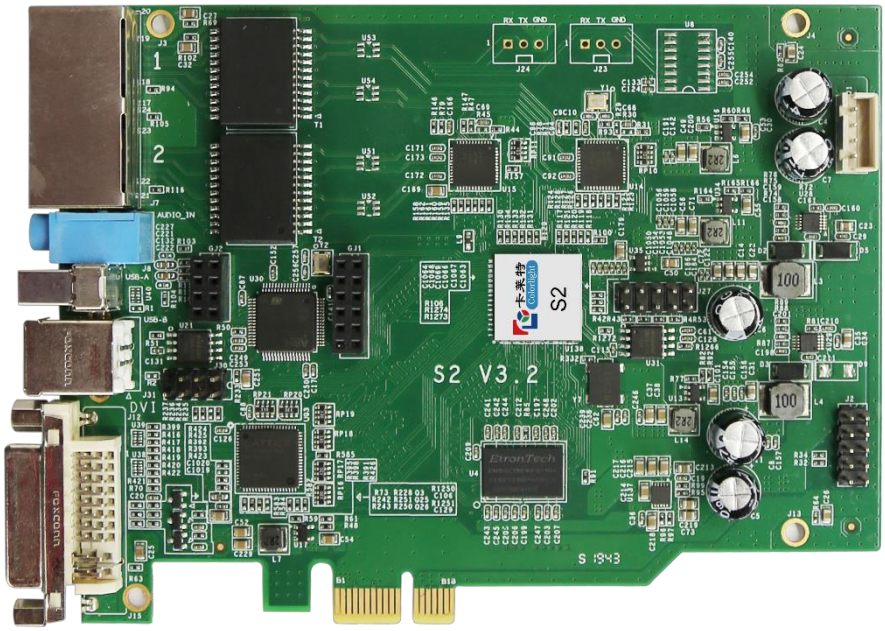
Colorlight



S2 Sending Card

Specification

Colorlight (Shenzhen) Cloud Technology Co., Ltd.

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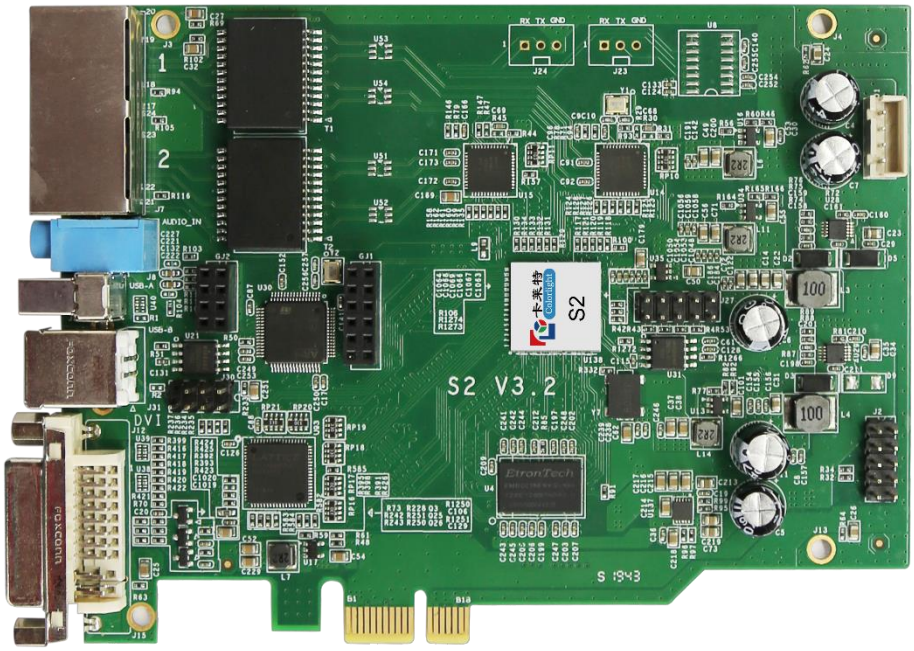


Features

- DVI signal input port
- Maximum input resolution: 1920×1200 pixels
- Loading capacity: 1.31 million pixels

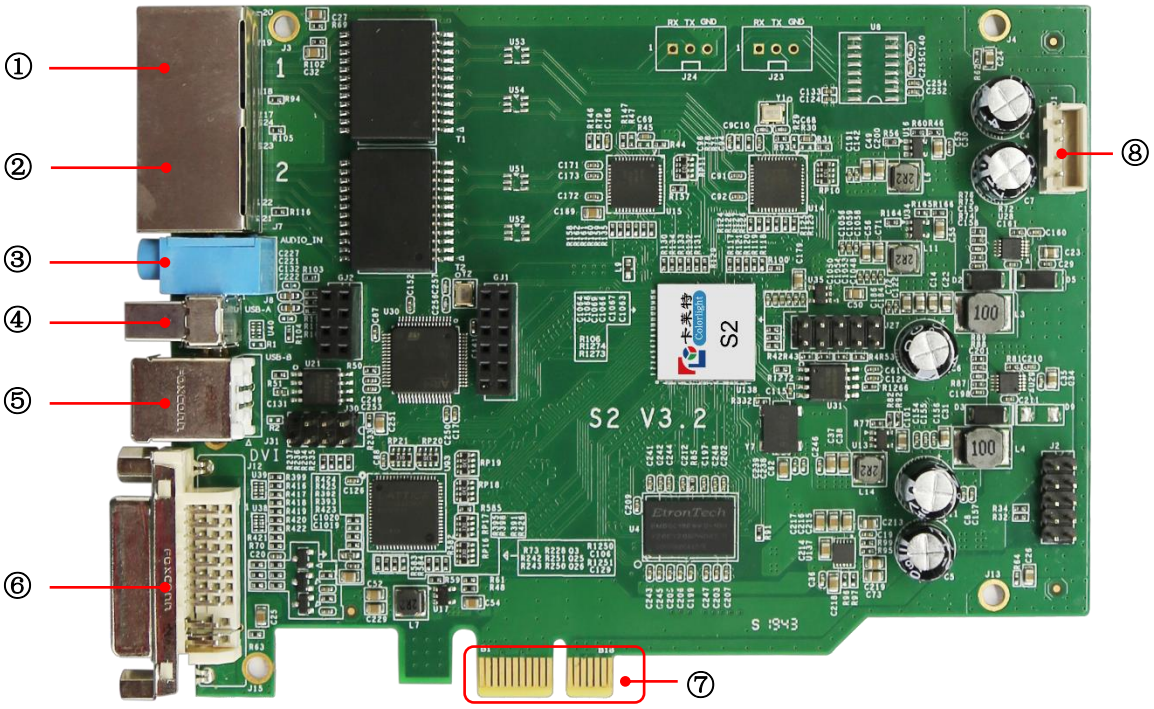
  Maximum Width: 2560 pixels, Maximum Height: 2560 pixels
- 2 Gigabit Ethernet port outputs support screen arbitrary splicing
- Dual USB ports for high speed configuration and easy cascading
- Better gray at low brightness
- Equipped with PCI-E 1X interface for increased versatility
- Compatible with all 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) Maximum Width: 2560 pixels, Maximum Height: 2560 pixels
Transmission Distance	CAT5E cable≤140M CAT6 cable≤170M Optical fiber transmission distance unrestricted
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 cards
Peripherals	Multifunction cards, optical fiber transceiver, Gigabit switcher
Parameters	
Size	135.16×101.93 mm
Input Voltage	Wafer VH2.54mm-4P: DC 3.8V~5.5V PCI-E 1X: DC 12V
Rated Power Consumption	6W
Weight	100g
External Interface	
Configuration Port	USB
Real-time Configuration	Supported
Brightness and Color Temperature Adjustment	Supported

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	Optional, support audio input with synchronous transmission via Ethernet cable
Bit Error Detection	Ethernet cable quality and malfunction detection

Hardware



1. 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	Optional, input audio signal and transmit to the screen through Ethernet cable	Multifunction card
4	USB TYPE-A	USB output, cascading among multiple sending cards	
5	USB TYPE-B	USB input, connecting to PC for configuring parameters	
6	DVI Input	DVI input interface, connect to the graphics card	
7	PCI-E 1X	Match with computer PCI-E 1X slot for sending card power on	
8	Power Input	Connect to DC 3.8V~5.5V	

2. Dimensions

Unit: mm