T7 Sender Card

Overview

T7 sender card, compared with other sender cards on the market Currently, adopts a better power solution, and has better reliability. Two network outputs can be set random area of the scream, and control different LED display.

T7 sender card is seamlessly compatible with Gigabit Ethernet Transmission System, one of Colorlight pioneered technology. It is nice not only to meet requirements of external signals, but also to further meet the diverse needs of customers.
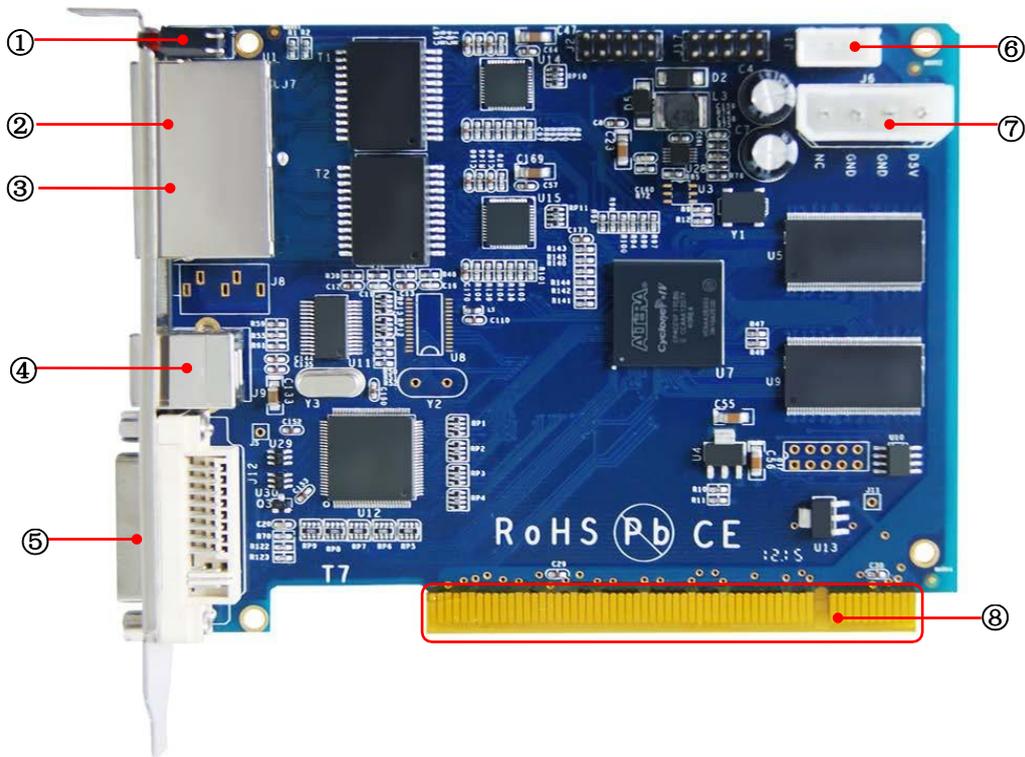
Features

- Full-color sending card, support full-color, dual-color, monochrome display

- Single card supports a maximum resolution of 2048 * 1365 pix

- Single card supports a maximum size of 1280 * 1024 points, Width up to 2048 points, and height up to 1365 points

- Support for audio input

- USB interface control

- Support for standard network transmission equipment, through gigabit fiber optic transceivers, Gigabit switches increase the transmission distance

- Wide voltage design, more adaptable, more stable performance

Specifications

Video interface	
Video Interface	DVI or HDMI , connect to a computer graphics or video processor
Input resolution	Selectable control area (1024*768、1280*720、1280*1024、1600*768、1920*640)
Adaptive Resolution	Can be set to any resolution, so that graphics output and LED display can be exactly consistent
Video source frame rate	60Hz
Gigabit Ethernet port output	
Output port	2*1Gbps，supports two Gigabit Ethernet ports output.
Control area	Single network port to control an area of 655360 pixels, dual Ethernet ports, compared with 1310720 pixels (maximum width reaches 2048 pixels, and the maximum height reaches 1365 pixels.)
Transmission distance	UTP cable≤140M CAT6 cable≤170M OPTIC FIBER transmission distance unrestricted
Port splicing	2 Ethernet ports can be spliced in any way ,such as up and down or left and right.
Data transfer format	In accordance with the gigabit network frame format. And append CRC.
Device compatibility	
Matching equipment	5A/5A-S/5A-F/5A-Pro/5A-Mini
Peripheral equipment	Multifunction card, fiber optic transceivers, Gigabit switches.
Specifications	
Size	136mm*100mm
Input Voltage	3.8V-12V wide voltage
Power	3W
Weight	100g
Human-machine interface	
Configuration parameters interface	USB, RS232 serial port
Brightness & Color Temperature	Supports

Adjustment	
Intelligent Detection Systems	Supports
Accessibility	
Cascading multiple cards	Support.
Multi-screen settings	Support the same size and different sizes of multiple displays
Background play	Support (extended mode)
Audio transmission	Supports
Network error probability of detection	Supports

Hardware

1、Interface

S/N	Name	Function	Remarks
1	Indicate lamp	Indicate power and signal transmission status	red for power, green for signal
2	Network port A	RJ45，For transmitting data signals	the control area of port A and B can be separately set
3	Network port B	RJ45，For transmitting data signals	
4	USB	Debug Interface	
5	DVI input	Connect to the computer graphics DVI signals	
6	Power 1	Connect DC5V power supply for the receiver card	
7	Power 2	Connect DC5V power supply for the receiver card	Only one is used.
8	PCI interface	PCI slot into the computer, to send the card supply	

2、 Indicator Light functions

Red: ON for power available

Green: ON/OFF quick flash (about 5-10 times/second) indicates that the
data signal transmission is normal.

3、 Figure for receiving card size and hole position

Unit: mm