

T7 Sending Card

Overview

T7 sending card, compared with other sending cards on the market currently, adopts a better power supply solution, and has better reliability.

T7 supports DVI video input, the maximum input resolution of 2048 * 1365 pixels. Two Ethernet port outputs can be set random area of the screen, and control different LED displays.

T7 also supports audio inputs, which is used to transmit the audio to the Multifunction Card, so that the audio can be output on the side of the display.



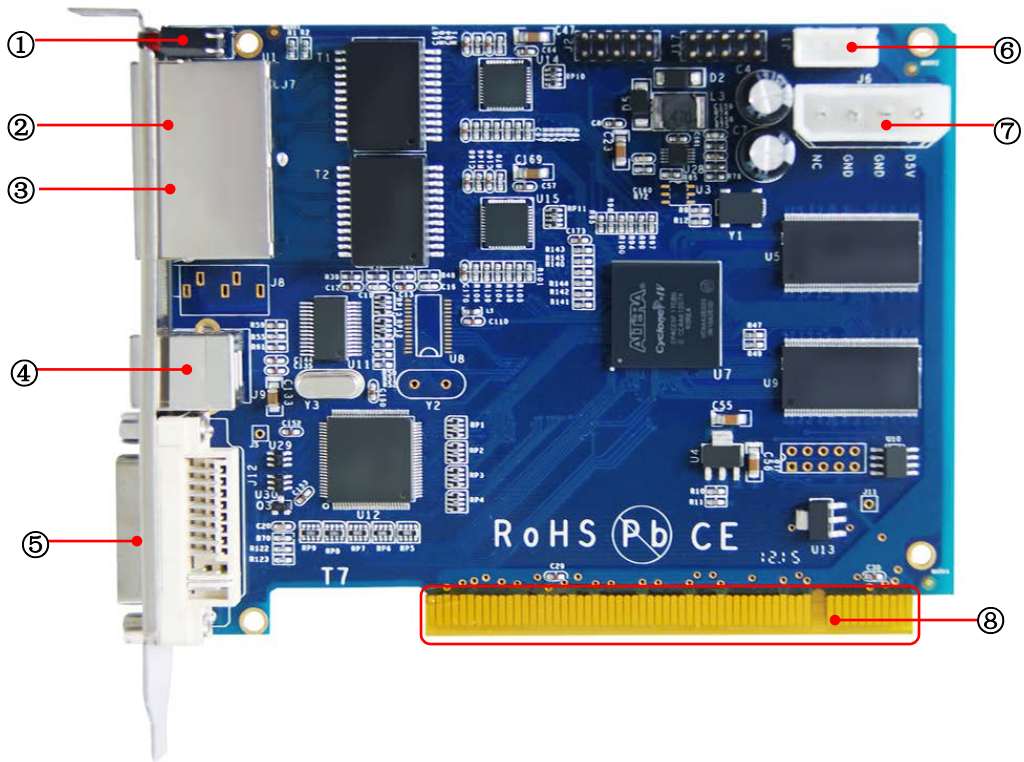
Features

- Full-color sending card, support full-color, Dual-color and Single color displays.
- Single card supports a maximum resolution of 2048 * 1365 pixels, such as 1920*1080, 1920*640, 1600*768, 1280*1024, 1280*720, 1024*768, etc.
- Two Gigabit Ethernet ports output. Each port can control an area within 655360 pixels.
- Single card supports LED display with any resolutions that the total quantity of pixels is less than 1310720 pixels, e.g. 1280*1024, the width up to 2048 pixels, or the height up to 1365 pixels.
- Supports audio input.
- USB interface for controlling and configuring.
- Supports standard network transmission equipment, such as Fiber Converter, Gigabit Switch.
- 3.8-12V supply voltage, much more adaptable and more stable.

Specifications

Input Interface	
Video input	DVI , Connect to computer graphics or video processor
Input resolutions	support resolutions up to 2048*1365, such as 1920*1080, 1920*640, 1600*768, 1280*1024, 1280*720,1024*768, etc.
Frame rate	60 Hz
Audio input	support
Output Interface	
Ethernet port output	Supports two Gigabit Ethernet ports output. Each port can control an area within 655360 pixels
Output resolutions	Any resolutions that the total quantity of pixels is less than 1310720 pixels can be supported, e.g. 1280*1024, the width up to 2048 pixel, or the height up to 1365pixel
Output area	Can be set to output any location from the input resolution. (Within 1310720 pixels).
Transmission distance	UTP cable: Maximum 140M CAT6 cable: Maximum 170M Fiber Converter : distance unrestricted
Receiving Card	5A/5A-S/5A-F/5A-Q/5A-Pro/5A-Mini
Peripheral equipment	Multifunction Card, Fiber Converter, Gigabit Switch
Physical/Electrical	
Size	136mm*100mm
Input Voltage	DC 3.8V-12V
Power consumption	3W
Weight:	100g
User Control Functions	
Brightness Adjustment	Support
Color Adjustment	Support
Test mode	Support
DVI video interface information detection	Support
Configure interface	USB. Configure the sending card by the software on computer.
Cascade connected	Support. For large display that have more than 1310720 pixels.
Background play	Support (extended mode)

Hardware



1、Interface

S/N	Name	Function	Remarks
1	Indicator	Indicate power supply and data signal working status	Red lamp for power supply, and green for data signal
2	Ethernet port A	RJ45 , for transmitting data signals	
3	Ethernet port B	RJ45 , for transmitting data signals	
4	USB	Configure interface	
5	DVI	Video input, connect to the computer graphics DVI signals	
6	Power 1	Connect DC 3.8-12V power supply for the sending card	Only one is used.
7	Power 2	Connect DC 3.8-12V power supply for the sending card	
8	PCI slots	PCI slot into the computer, Supplies power for the sending card	

2、Indicator lamp functions

Red lamp: ON for power available.

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

3、Figure for sending card size and hole position

