灰度科技
HUIDU TECHNOLOGY

Specifications

Sending card HD-T901

V1.0 20181010

Overview

HD-T901 is a synchronous sending card of Huidu, with the R50X series receiving card to connect the LED screen.

It has the following features

1) 1 DVI video input,
2) 2 Gigabit Ethernet port outputs,
3) USB control interface which is able to be cascaded for uniform control;
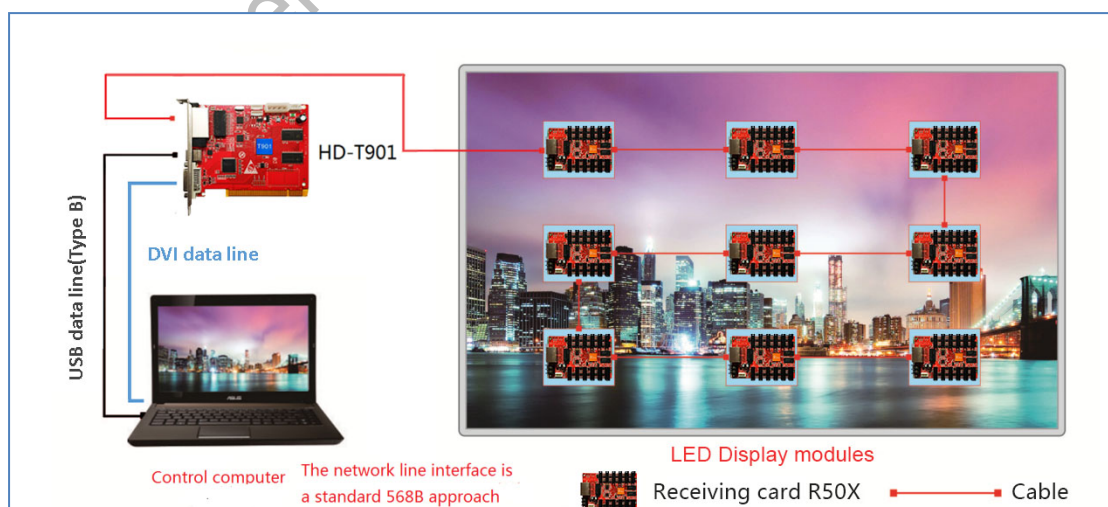4) Cascading multiple units can be unified control.

Supporting computer playback control software HD Player and debugging software HD Set.

Configuration list

product name	Type	Function
Sending card	HD-T901	Core dashboard, convert and send data
Receiving card	R50x	Connect the screen, show the program to the LED screen
Edit software	HDPlayer	Edit program, send program
Debug software	HDSet	Debug screen
Accessories		DVI cable, USB cable

Application scenario

Single screen through the direct control of the computer

Note: The number of T901 sending card and receiving cards per screen need depends on the screen size.
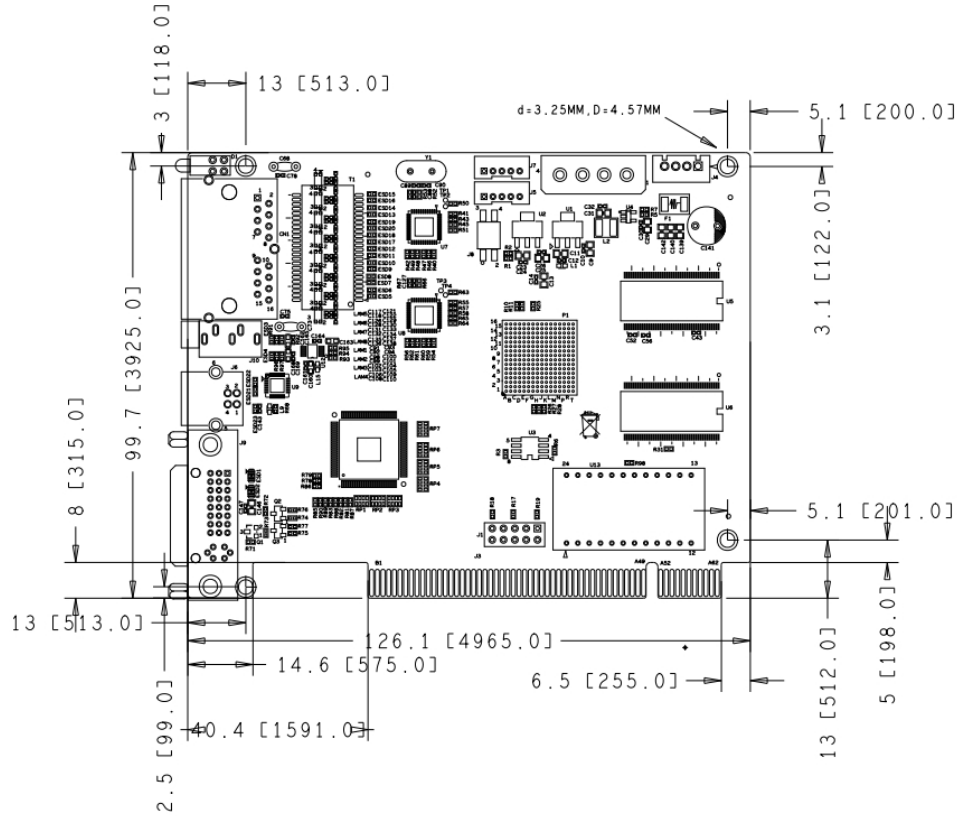
Specifications

1) Support 1~64 scan, compatible with indoor and outdoor full color and single color module.

2) Control range: 130W point, the widest 3840, the highest 2048.

3) One DVI video input.

4) Supports up to 65536 grayscale level.

5) Support cascading with serial port to configure multiple sending cards, support sending card cascade to control screen in high resolution.
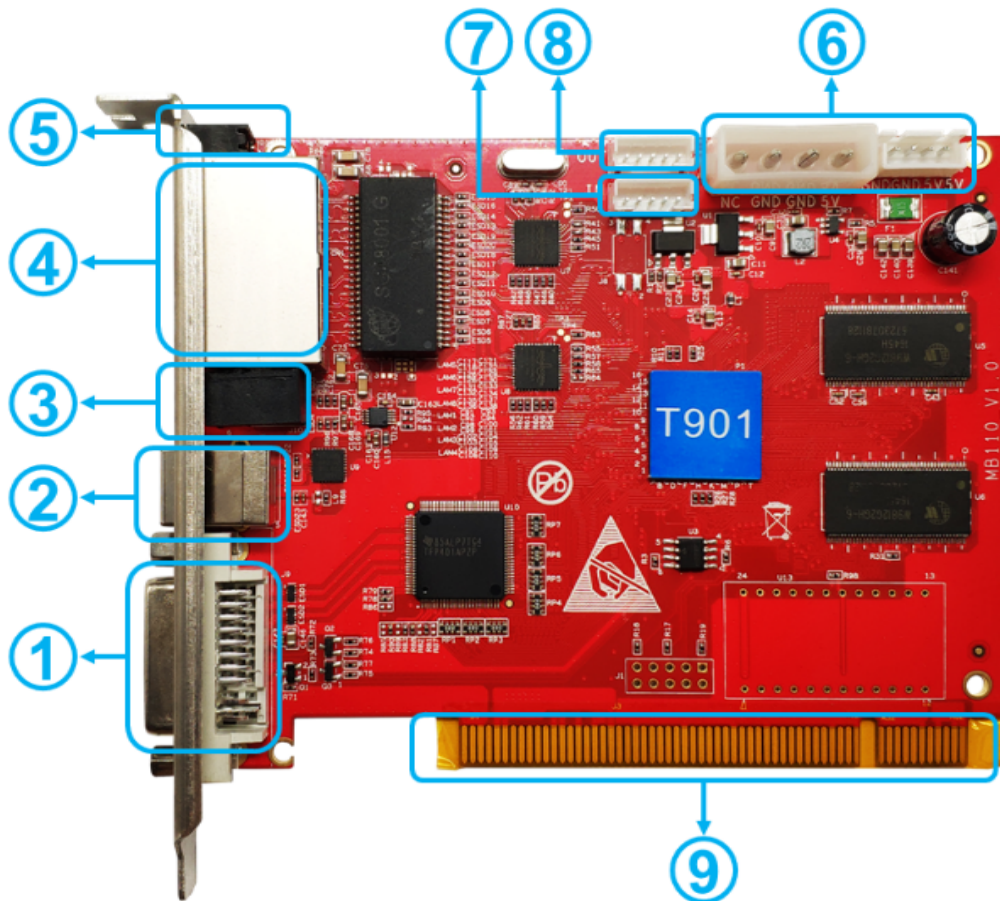
System function list

Module type	Compatible with indoor and outdoor full color and single color module; Support MBI, MY, ICN, SM and other PWM chips, Support conventional chip
scanning method	Supports any scanning method from static to 1/64 scan
Control range	1280*1024@60Hz, 1024*1200@60Hz, 1600*730@60Hz, 1920*640@60Hz, 2048*640@60Hz, 3840*340@60Hz, 512*2048@60Hz 2048*1024@30Hz, 1600*1170@30Hz, 1920*1024@30Hz, 3840*546@30Hz, 1024*2048@30Hz etc.
Control range in pixel of single receiving card	Recommended: R500: 256 (W) * 128 (H) R501: 256 (W) * 192 (H)
Grayscale	Support 0-65536 level adjustable
Program update	DVI synchronous display
Temperature of working environment	-20℃-80℃
interface	Input: 5V power supply terminal, DVIx1, USB 2.0 x1, PCI finger x1, serial cascade x1 Output: 1000M RJ45 x2, serial for cascadingx1
Software	HDPlayer ,HDSet

Dimensions

HD-T901 size is as follows :

Appearance Description

①：DVI input, connect the computer;

②：USB configuration interface;

③：Gigabit Ethernet port, connect the receiving card；

④：LED indicator, Red-It is steady on when the equipment runs normally and blinks during authorization
Green-It is steady on when the equipment runs normally and blinks during authorization；

⑤：LED light, green (running light) - flicker , red - flicker when there is a video source(DVI) input, and is always bright on when there is no video source.

⑥：Power supply terminal, connect 5V power supply;

⑦：Serial cascade input, cascading sending card;

⑧：Serial cascade output, cascading send card;

⑨ PCI golden finger, connect computer PCI seat, power supply.

Technical Parameters

	Minimum	Typical value	Maximum
Rated voltage (V)	4.5	5.0	5.5
Storage temperature (℃)	-40	25	105
Working environment temperature (℃)	-40	25	80
Working environment humidity (%)	0.0	30	95