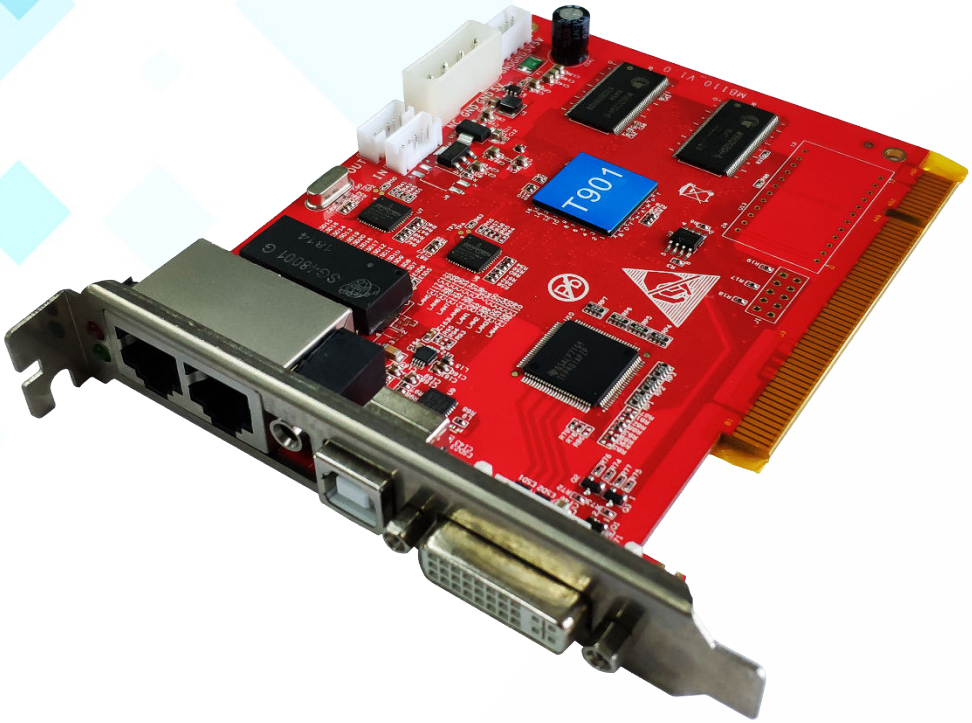


Product Specifications

Sending card

HD-T901

V1.0 20181010

1. Overview

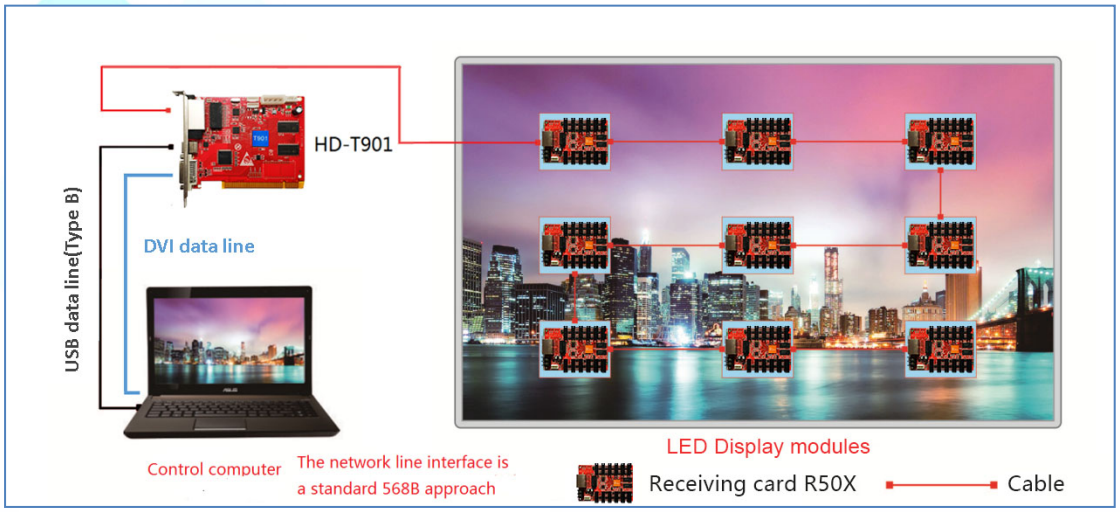
HD-T901 is a synchronous sending card of Huidu, with the R50X series receiving card to connect the LED screen.
It has the following features
1) 1 DVI video input,
2) 2 Gigabit Ethernet port outputs,
3) USB control interface which is able to be cascaded for uniform control;
4) Cascading multiple units 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-T901B	Core dashboard, convert and send data.
Receiving card	R series receiving cards	Connect the screen, show the program to the LED screen
Edit software	HDSet	Screen debugging and parameter setting of technical parameters.
Debug software	HD Show	Used for program editing and playback control.
Accessories		DVI cable, USB-B cable, net cable, AC power cable

2. Control Mode

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.

3. Product Features

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

2) Control range: 1.3 million pixels, the widest 3840, and the highest 2048.

3) One DVI video input.

4) Supports up to 65536 grayscale level.

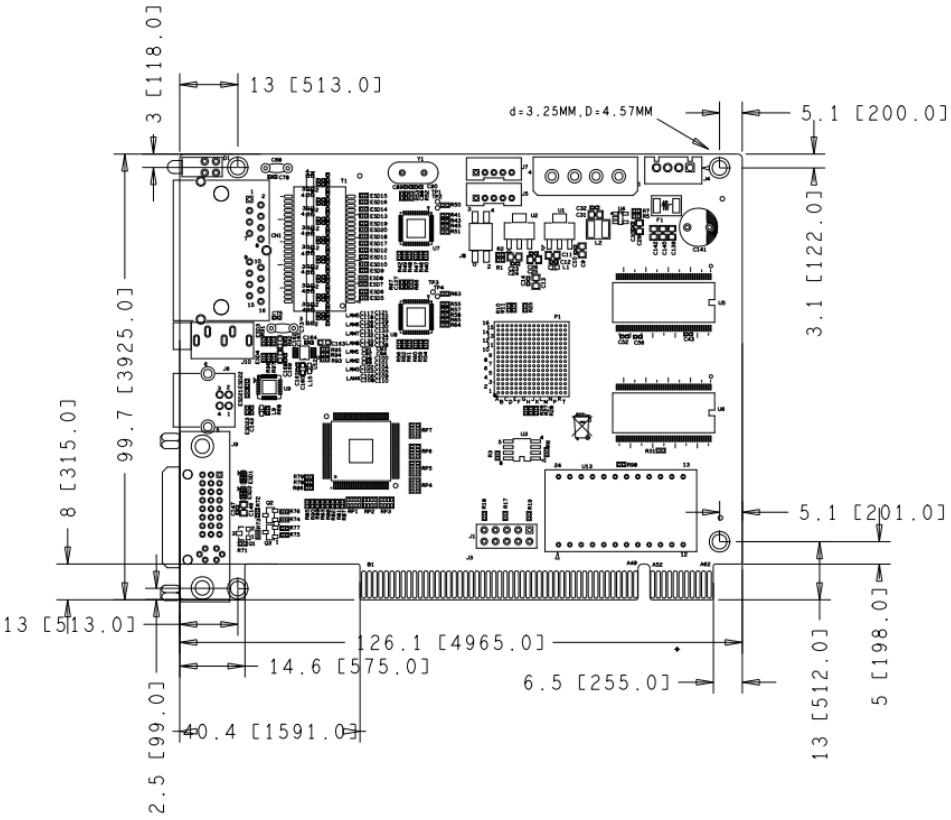
5) Support cascading with serial port to configure multiple sending cards, support sending card cascade to control screen in high resolution.

4. System Function List

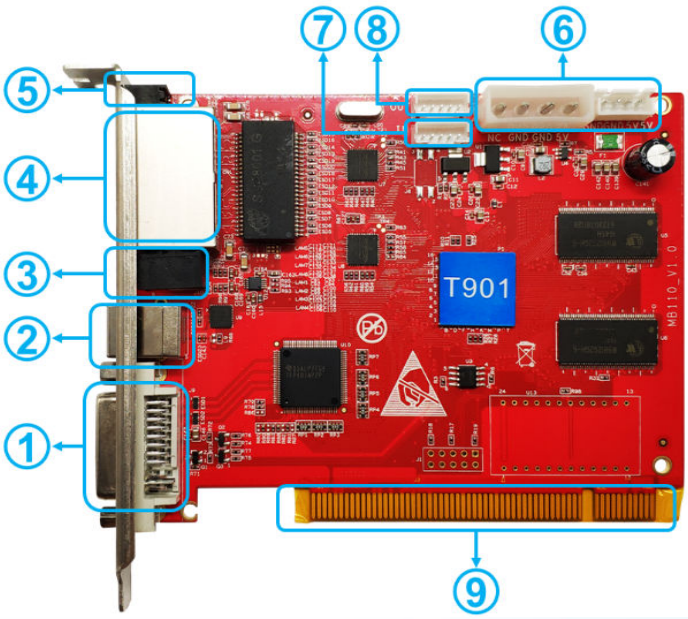
Module type	Compatible with indoor and outdoor full color and single color module; Support MBI, MY, ICN, SM and other PWM chips, Support conventional chip
scanning method	Supports any scanning method from static to 1/64 scan
Control range	1280*1024@60Hz, 1024*1200@60Hz, 1600*730@60Hz, 1920*640@60Hz, 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.
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, Audio x1 Output: 1000M RJ45 x2, serial for cascadingx1
Power	5W

5. Dimensions

HD-T901 size is as follows:



6. Appearance Description



1. DVI input, connect the computer;
2. USB configuration interface;
3. Audio input;

4. Gigabit Ethernet port, connect the receiving card;
5. LED indicator, Red-It is steady on when the equipment runs normally and blinks during authorization;
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

7. Technical Parameters

	Minimum	Typical value	Maximum
Rated voltage（V）	110	220	240
Storage temperature（℃）	-40	25	105
Working environment temperature（℃）	-40	25	80
Working environment humidity （%）	0.0	30	95
Net weight（kg）	0.096		
Certification	CCC、CE、FCC、RoHS		