灰度科技
HUIDU TECHNOLOGY

Shenzhen ,Ltd

Product specs

Receiving card R500

V3.0 20170901

Features

1. Receive data from sending / sending box through gigabit network cable：

2. Dual network port automatically identifies the input and output.

Parameters

Fit for sender	A60X serials player box,A30/A30+,CX0 serials Asyn sending card
Module type	Compatible with indoor and outdoor full color and single color module； Support MBI5041/5042、MBI5050、MY9221、MY9268 etc.PWM IC
Scan mode	Supports any scanning method from static to 1/32 sweep
Communication method	Gigabit Ethernet
Monolithic receiving card loading range	Recommend：256*256 pixels MAX：130,000 dots, which is 1024*128 or 256*512
Multi-card connection	Receiving card can be put in any sequence, can be automatically identified by software or manually set the connected position; Nanosecond synchronization between card and card.
Gray scale	0-65536
Smart setting	A few simple steps to complete the smart settings, through the screen layout can be set to go with any alignment of the screen unit board
Play contents	Support play video, animation, pictures, text, tables, PPT, time, timing and so on
Test functions	Receiving card integrated screen test function, by pressing the self-test button to achieve red, green, blue, white, grayscale, slash, grid, etc, a variety of test modes.
Blanking circuit	Support
Communication distance	Super Cat5,Cat6 network cable within 150 meters
Port	2pin 5V Power x1,1000M Ethernet portX2，50pin HUB port x2

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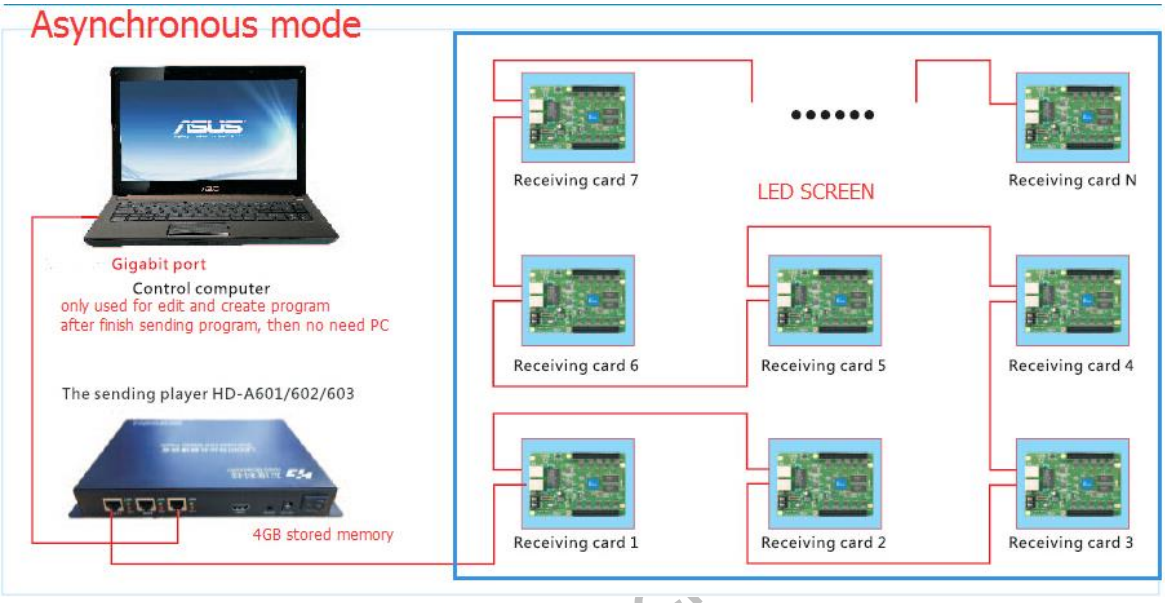
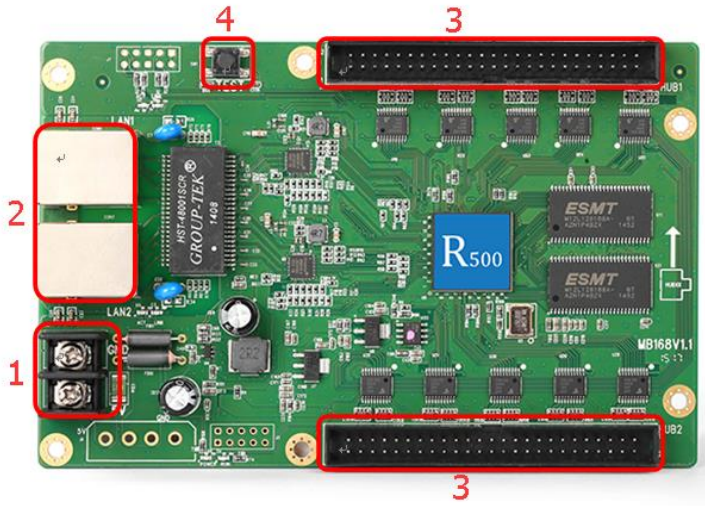
Input voltage	4V-6V
Working temperature	-20℃ to 85℃

Connection method



Appearance Description



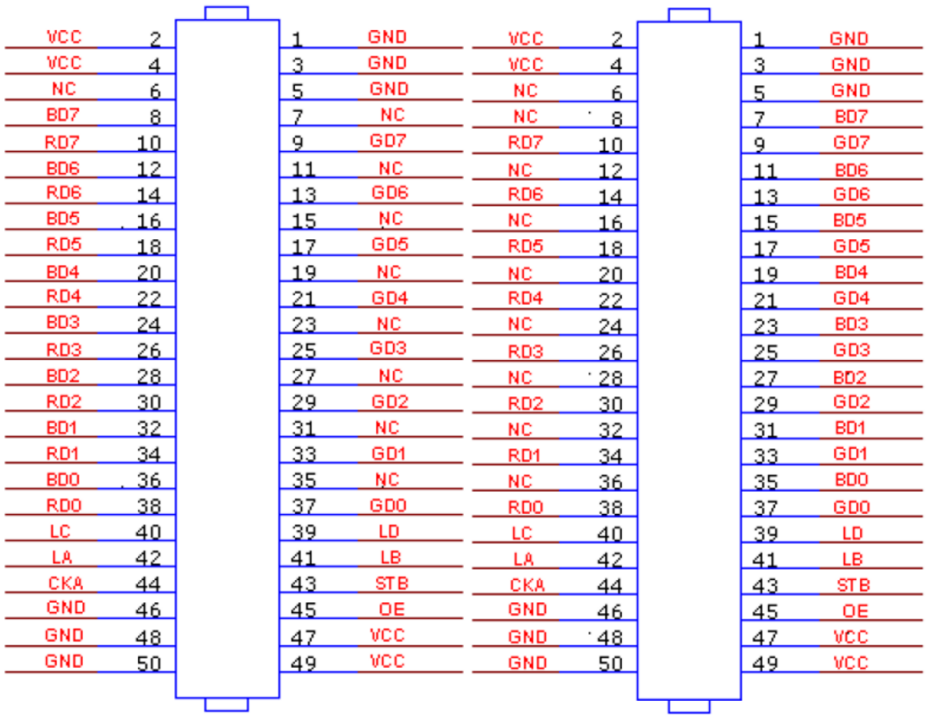
①：Power interface, can be accessed with 4.5V ~ 5.5V voltage；

②：Gigabit Ethernet port, used to connect the player box or another receiving card, the same two network ports are interchangeable；

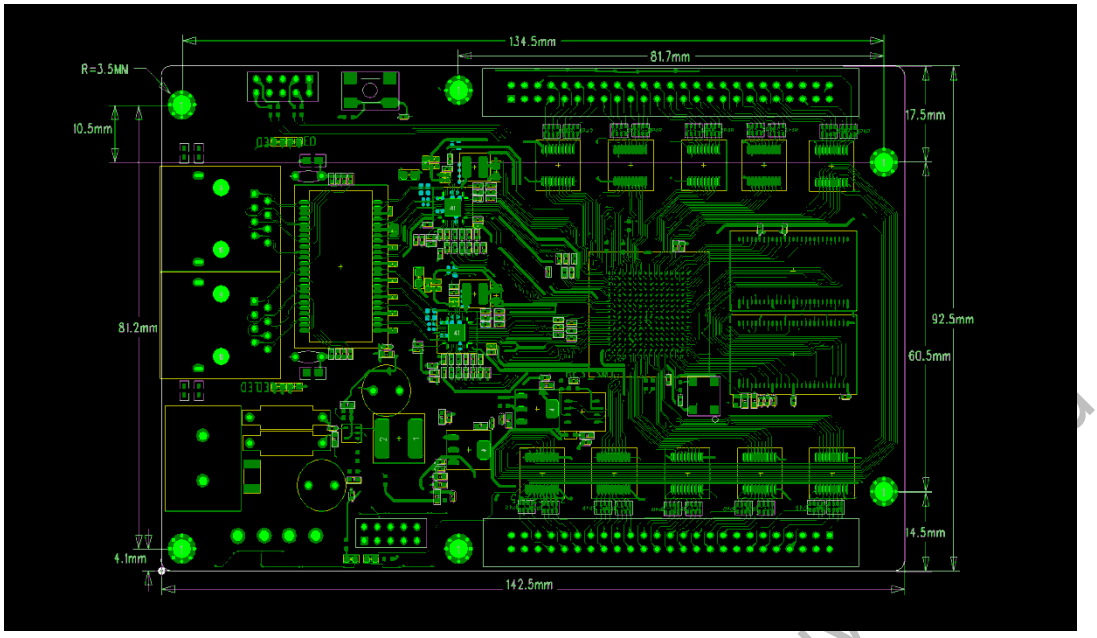
③：50PIN pin, used to connect HUB, through the HUB interface with a variety of screen connections. Support "RGBR" parallel data 16 groups.

④： Test button, after adjusting the screen, once click each time, screen will show followed by red, green, blue, white, slash test；

Interface definition



Dimensions



Technical Parameters

	Minimum	typical	Maximum
Rated voltage）	4.2	5.0	5.5
storage temperature(℃)	-40	25	105
Working ambient temperature(℃)	-40	25	80
Working ambient humidity(%）	0.0	30	95

Precautions

1）ensure the system long-term stable running, please keep to use the standard 5V power supply voltage.

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