



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.

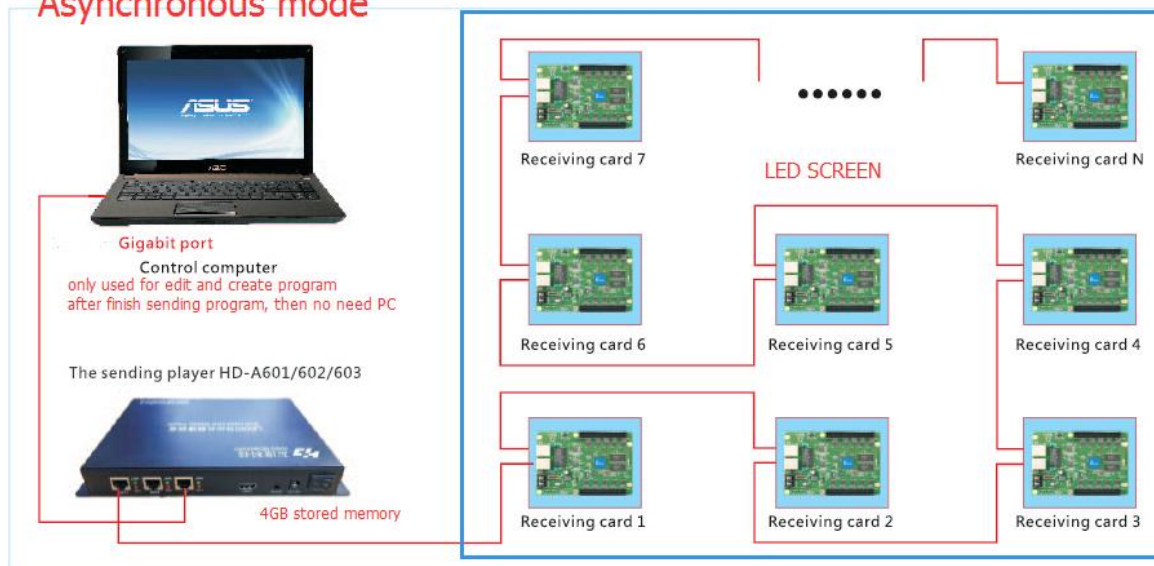
Parameters

| | |
|--|--|
| 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 |

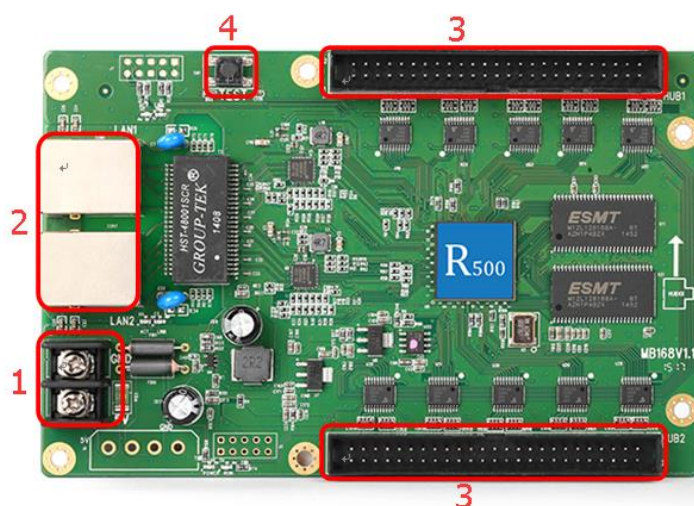
| | |
|---------------------|-------------|
| Input voltage | 4V-6V |
| Working temperature | -20℃ to 85℃ |

Connection method

Asynchronous mode



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;

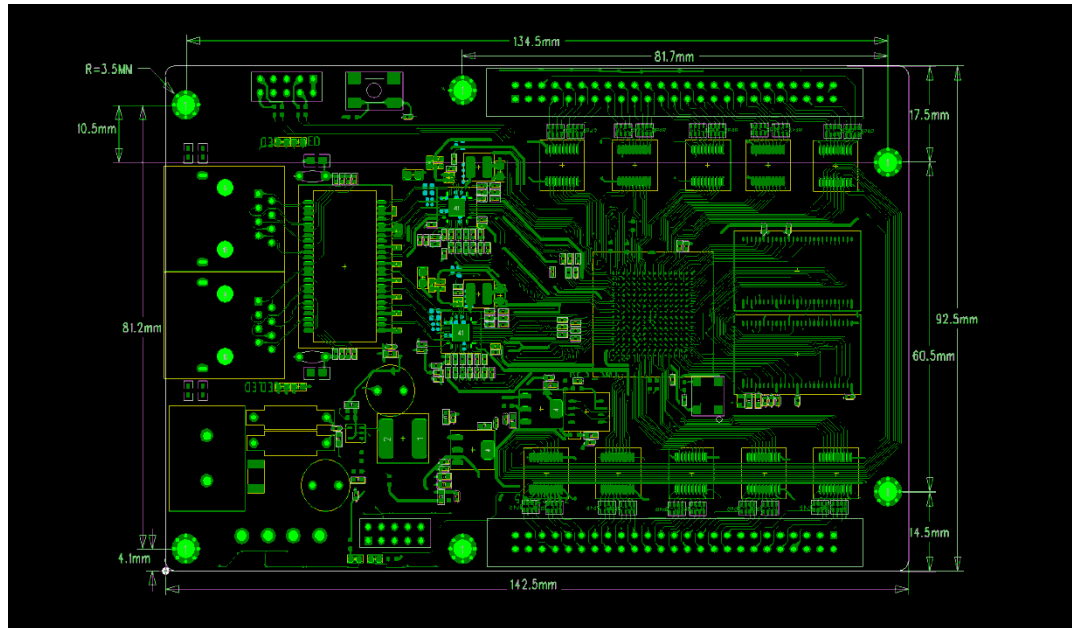
③ : 50PIN pin, used to connect HUB, through the HUB interface with a variety of screen connections. Support "RGRB" parallel data 16 groups.

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

Interface definition

| | | | | | | | |
|-----|----|----|-----|-----|----|----|-----|
| VCC | 2 | 1 | GND | VCC | 2 | 1 | GND |
| VCC | 4 | 3 | GND | VCC | 4 | 3 | GND |
| NC | 6 | 5 | GND | NC | 6 | 5 | GND |
| BD7 | 8 | 7 | NC | NC | 8 | 7 | BD7 |
| RD7 | 10 | 9 | GD7 | RD7 | 10 | 9 | GD7 |
| BD6 | 12 | 11 | NC | NC | 12 | 11 | BD6 |
| RD6 | 14 | 13 | GD6 | RD6 | 14 | 13 | GD6 |
| BD5 | 16 | 15 | NC | NC | 16 | 15 | BD5 |
| RD5 | 18 | 17 | GD5 | RD5 | 18 | 17 | GD5 |
| BD4 | 20 | 19 | NC | NC | 20 | 19 | BD4 |
| RD4 | 22 | 21 | GD4 | RD4 | 22 | 21 | GD4 |
| BD3 | 24 | 23 | NC | NC | 24 | 23 | BD3 |
| RD3 | 26 | 25 | GD3 | RD3 | 26 | 25 | GD3 |
| BD2 | 28 | 27 | NC | NC | 28 | 27 | BD2 |
| RD2 | 30 | 29 | GD2 | RD2 | 30 | 29 | GD2 |
| BD1 | 32 | 31 | NC | NC | 32 | 31 | BD1 |
| RD1 | 34 | 33 | GD1 | RD1 | 34 | 33 | GD1 |
| BD0 | 36 | 35 | NC | NC | 36 | 35 | BD0 |
| RD0 | 38 | 37 | GD0 | RD0 | 38 | 37 | GD0 |
| LC | 40 | 39 | LD | LC | 40 | 39 | LD |
| LA | 42 | 41 | LB | LA | 42 | 41 | LB |
| CKA | 44 | 43 | STB | CKA | 44 | 43 | STB |
| GND | 46 | 45 | OE | GND | 46 | 45 | OE |
| GND | 48 | 47 | VCC | GND | 48 | 47 | VCC |
| GND | 50 | 49 | VCC | GND | 50 | 49 | VCC |

Dimensions



Technical Parameters

| | Minimum | typical | Maximum |
|---------------------------------|---------|---------|---------|
| Rated voltage) | 4.2 | 5.0 | 5.5 |
| storage temperature(°C) | -40 | 25 | 105 |
| Working ambient temperature(°C) | -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.