

## Product specs

### Receiving card R501

V4.0 20180910

## Features

---

R501, has on-board 12\*HUB75E, fully compatible with the R500 function, equivalent to R500 plus HUB75E.

## Parameters

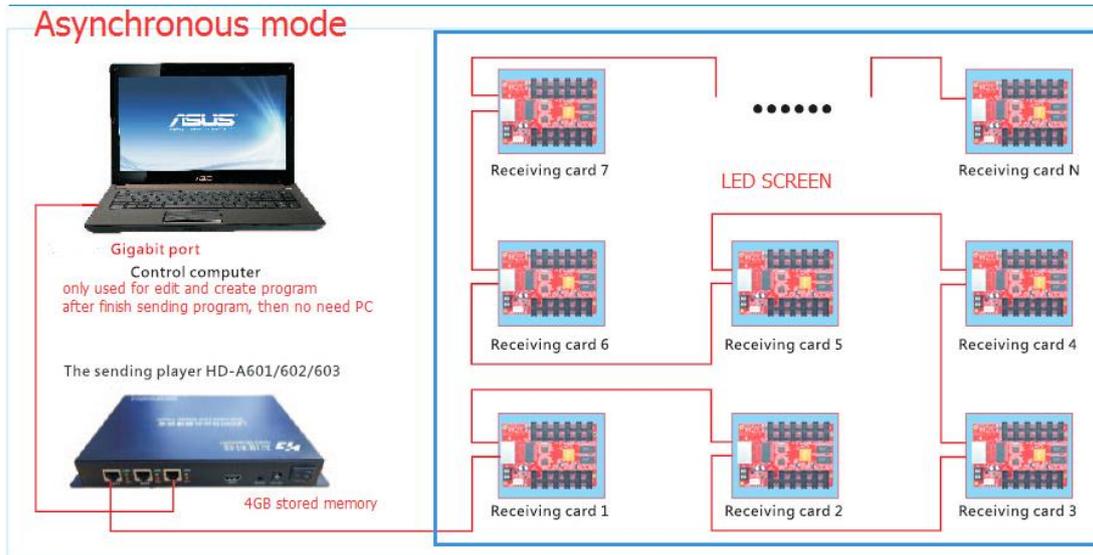
---

<b>Fit for sender</b>	A60X serials player box, AX0, CX0 serials Asyn sending card, T901 sync sending card
<b>Module type</b>	Compatible with indoor and outdoor full color and single color module; Support MBI5041/5042、MBI5050、MY9221、MY9268 etc.PWM IC
<b>Scan mode</b>	Supports any scanning method from static to 1/32 sweep
<b>Communication method</b>	Gigabit Ethernet
<b>Monolithic receiving card loading range</b>	Recommend: 256*256 pixels MAX: 130,000 dots, which is 1024*128
<b>Multi-card connection</b>	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.
<b>Gray scale</b>	0-65536
<b>Smart setting</b>	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
<b>Test functions</b>	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.
<b>Blanking circuit</b>	Support
<b>Communication distance</b>	Super Cat5,Cat6 network cable within 150 meters
<b>Port</b>	2pin 5V Power x1,1000M Ethernet portX2. 12 group of HUB75E
<b>Input voltage</b>	4V-6V
<b>Working temperature</b>	-20°C to 85°C

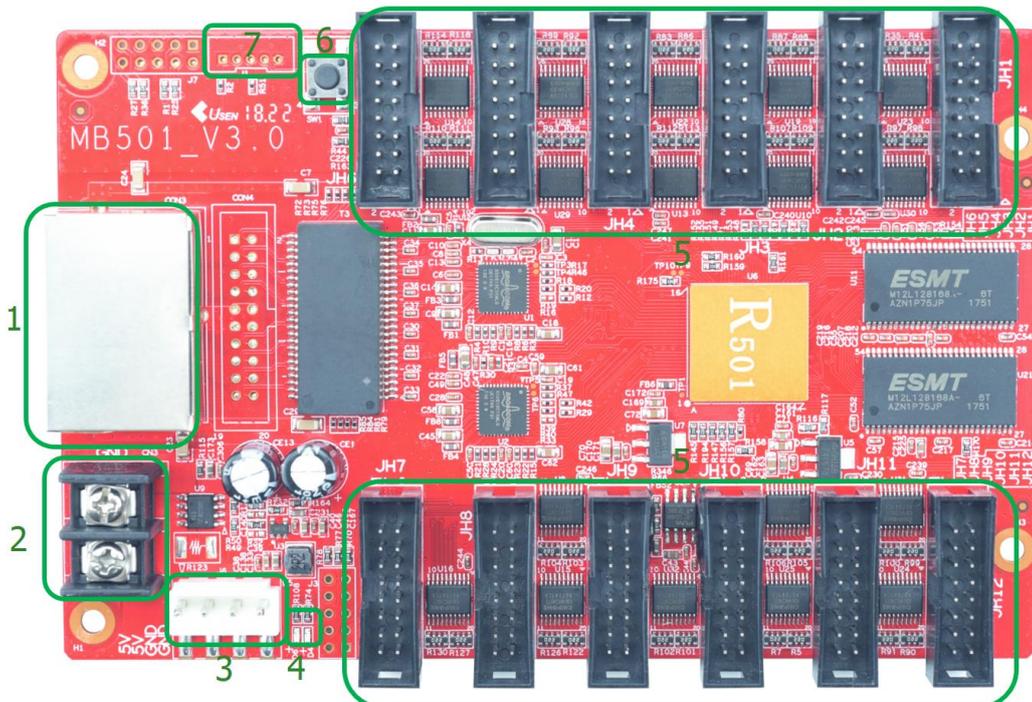
# Connection method

Make player box **A60x** for an example.

Player box A60x connecting with receiving cards:



# Appearance Description



①: Gigabit Ethernet port, used to connect the player box or another receiving card, the same two network ports are interchangeable;

②: Power interface, can be accessed with 4.5V ~ 5.5V voltage;

③: Power interface, can be accessed with 4.5V ~ 5.5V voltage; (②, ③ connect one of them is ok.)

④: Light D4 normal working state is blinking, indicating that the control card normally running; Light D6 normal working state is blinking faster, indicating that Gigabit has been identified, is receiving data.

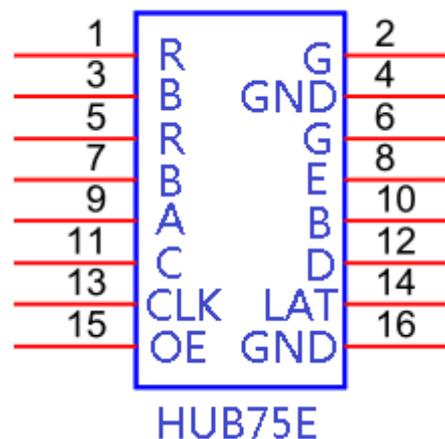
⑤: 12 group of HUB75E, to connect with screen connector.

⑥: Test button, after adjusting the screen, once click each time, screen will show followed by red, green, blue, white, slash test .(If the configuration parameters saved on the card and the screen matched, need unplug the network cable, then the test button will work)

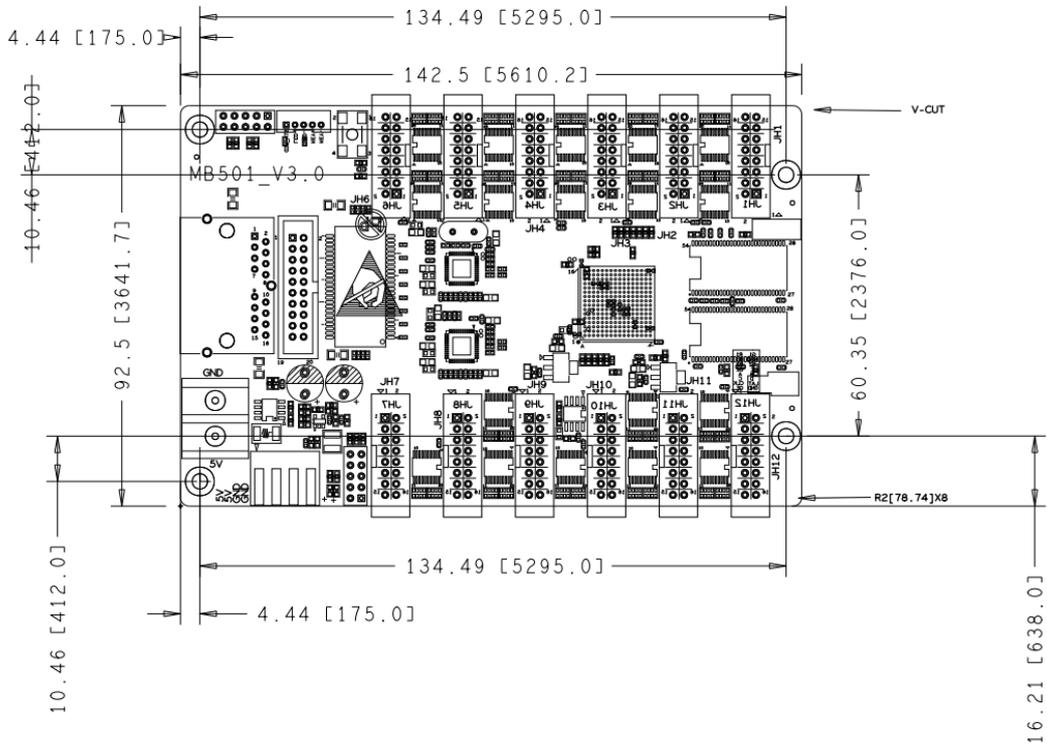
⑦: External indicator light, run light and data light.

## Interface definition

---



## 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.