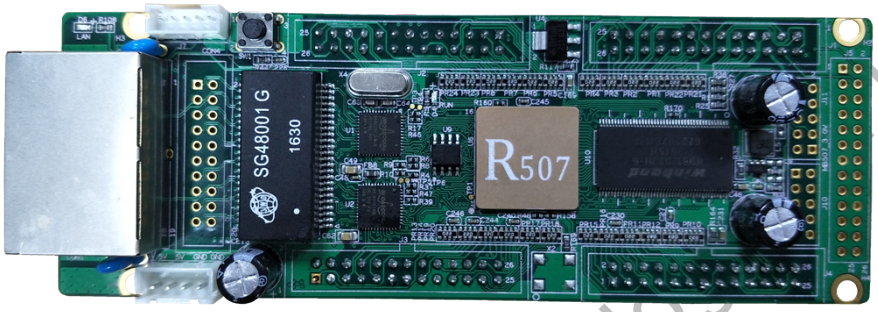
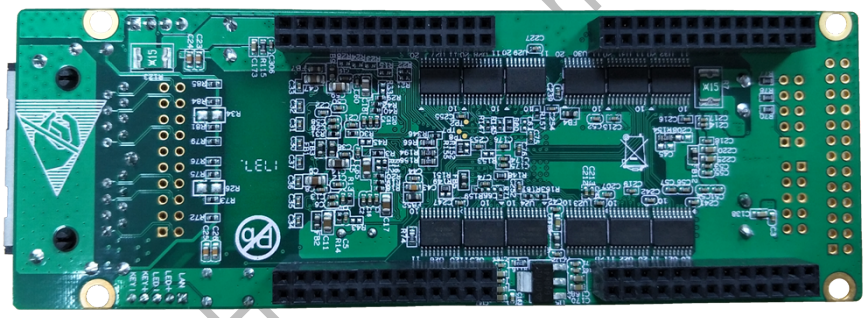
灰度科技
HUIDU TECHNOLOGY





Product Specifications

Full Color Receiving Card R507（B）

V4.0 20171115

Features：

1. For the color screen, die-casting aluminum boxes and other lightweight structure design, standard interface;
2. Free external power supply design, through the adapter board to the card for power supply, increase hardware stability;
3. Inherit all the technical advantages and features of R500 series receiver card
4. With A60X, A30, A30 +, C30, C10 and other asynchronous sending card to use;
5. Can output 16/20/24 group parallel data.

Main parameters

Working with sending card	Used in Sending card A60X、A30、A30+、C30、C10 etc.
Support modules	Used indoor, outdoor full color led displays, and single display; Support MBI5041/5042、MBI5050、MY9221、MY9268 etc. and PWM IC
Scan mode	Static and1-32 scan randomly
Communication distance	Gigabit Ethernet
One PCS Receiving card control range	256*192(suggest) Max: 190,000 points, 1024 * 192
Receiving cards Connection settings	Receiving card set sequence randomly, and recognized automatically or by hand
Gray scale	0-65536

Smart setting	Smart setting of few simple steps by HDPlayer, and according to led module circuit board, it can smart setting too.
Play contents	Play video、animation、picture、text、3D text、 excel、PPT、time、counter etc.
Test functions	It have test button, and test modes of red、green、blue、white、gray、oblique line、 grid、spots etc.
Blanking circuit	Support
Communication distance	150meters by CAT5 or CAT6 LAN Cable
Port	2pin 5V Power x1,1000M LAN portX2，HUB75E port x 8
Voltage	4V-6V
Working temperature	-40℃-85℃

HUB signal details

1）16 RGB (default)

1	A	B	2
3	OE	LAT	4
5	CLK	VCC	6
7	C	D	8
9	R1a	G1	10
11	R1b	B1	12
13	GND	R2a	14
15	G2	R2b	16

17	B2	R3a	18
19	G3	GND	20
21	R3b	B3	22
23	R4a	G4	24
25	R4b	B4	26

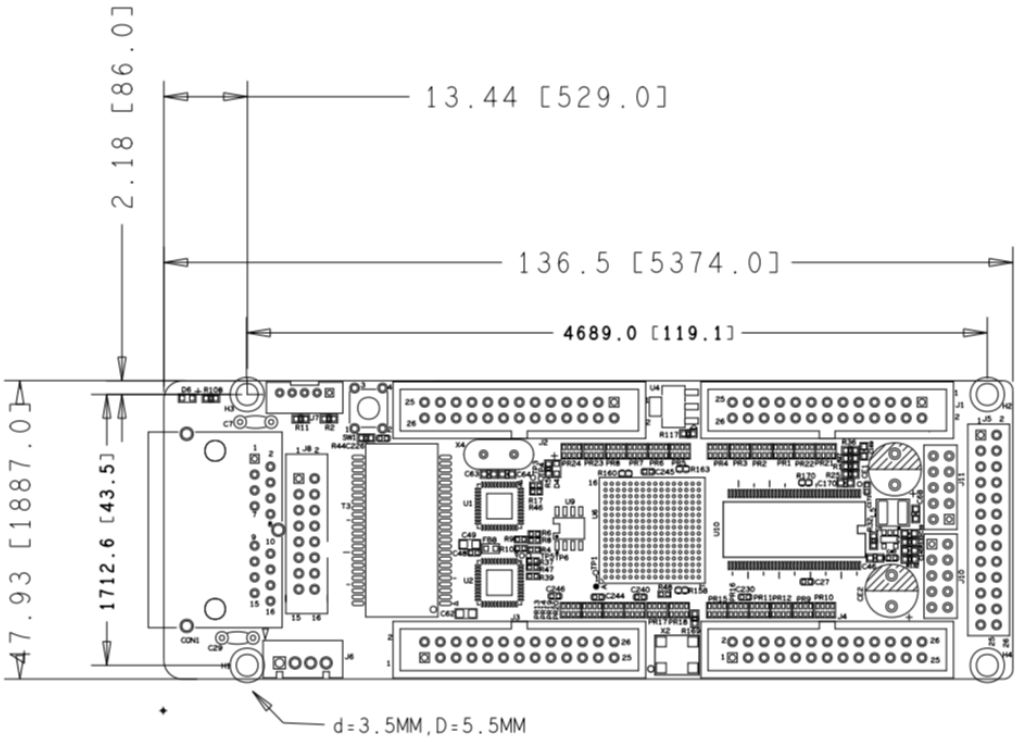
2）20 RGB

1	A	B	2
3	OE	LAT	4
5	CLK	VCC	6
7	C	D	8
9	E	R1	10
11	G1	B1	12
13	GND	R2	14
15	G2	B2	16
17	R3	G3	18
19	B3	GND	20
21	R4	G4	22
23	B4	R5	24
25	G5	B5	26

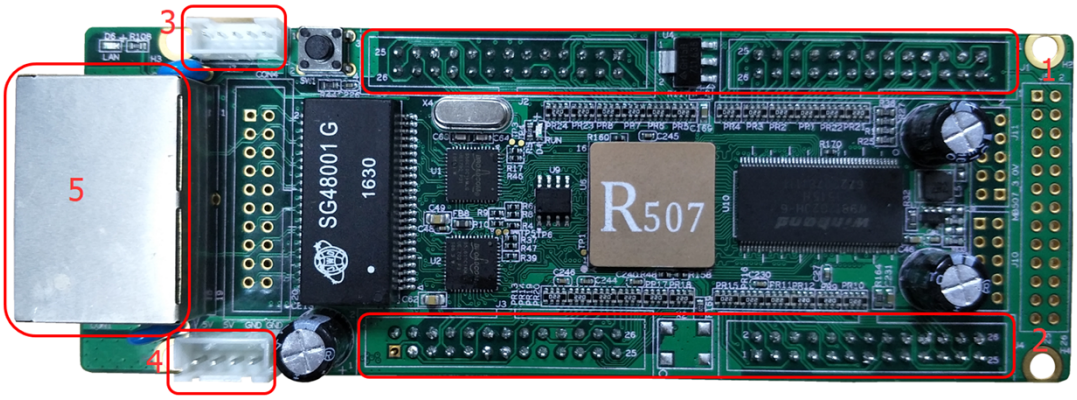
3）24 RGB

1	A	B	2
3	OE	LAT	4
5	CLK	VCC	6
7	R1	G1	8
9	B1	R2	10
11	G2	B2	12
13	GND	R3	14
15	G3	B3	16
17	R4	G4	18
19	B4	GND	20
21	R5	G5	22
23	B5	R6	24
25	G6	B6	26

Assemble Photos



Appearance Description



①：2 groups 26PIN output interface, connect the LED screen.

②：2 groups 26PIN output interface, connect the LED screen.

③：Indicator interface.

④：Power interface can be accessed 5V voltage;

⑤：Gigabit Ethernet port.

Technical Parameters

	Minimum	Typical value	Maximum
Rated voltage (V)	4.2	5.0	5.5
Storage temperature(℃)	-40	25	105
Work environment humidity (℃)	-40	25	80
Work environment humidity (%)	0.0	30	95

Precaution

1）In order to ensure the long-term stable operation of the system; please try to use the standard 5V power supply voltage.