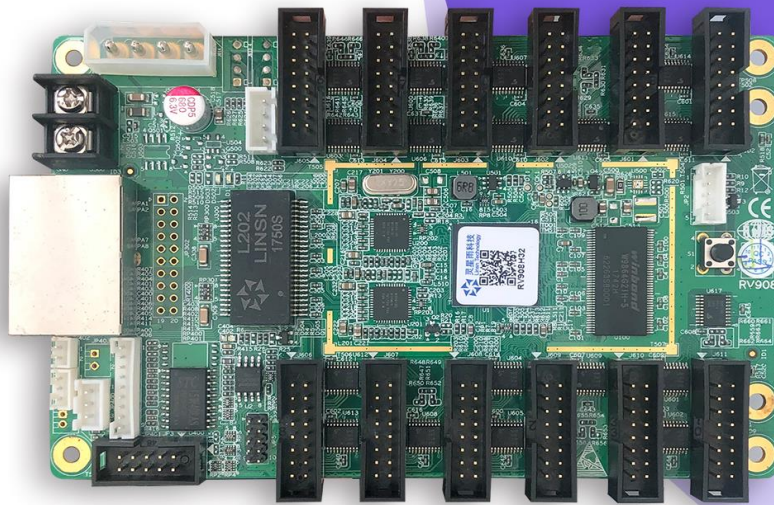




Linsn Technology



# RV908H32

## Receiver

# Specifications

V3.0

## Revision History

Document Version	Hardware Version	Revision Date	Note
V3.0	V2	2020/1	New edition

## Overview

RV908H32 is a standardize product for LED screen manufacturer, which is integrated with 12 standard hub75-type connectors and does not require an extra hub card. One card supports up to 24 sets of RCG data.

## Functions and features

1. Single card can support 24 group of RGB data output mode
2. Maximum supports 1024X256 pixels
3. Supports brightness calibration pixel by pixel and single-card color space conversion
4. Supports network cable BER test
5. Supports configuration file read back
6. Supports 138 decode, 595 serial decode and so on
7. Realizes high refresh and high gray level effect
8. Support temperature detection
9. Support the cabinet-door (open/close) monitoring

Official website: [www.linsn.com](http://www.linsn.com)

Add: Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd,  
Nanshan District, Shenzhen

Tel: +86-0755-86183590/ 4008836968



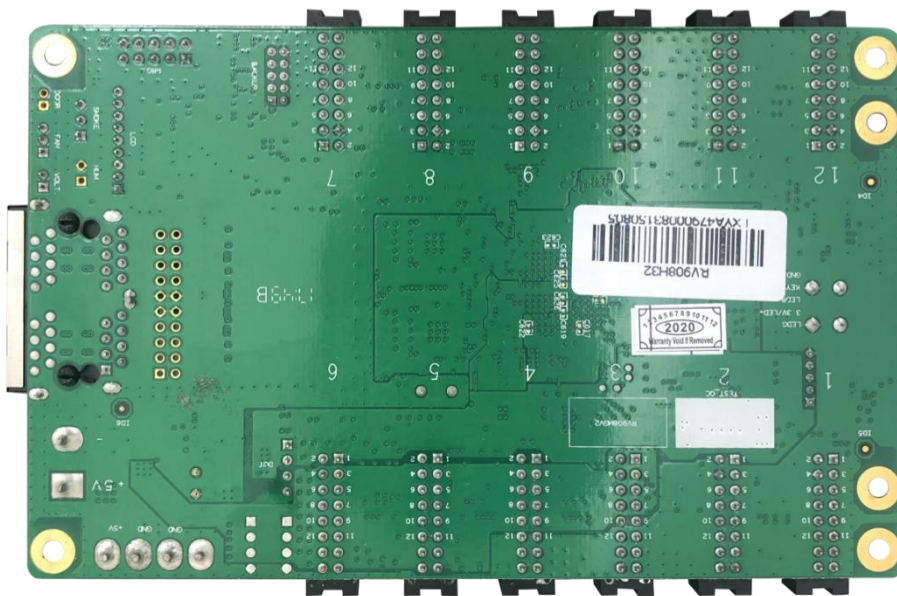
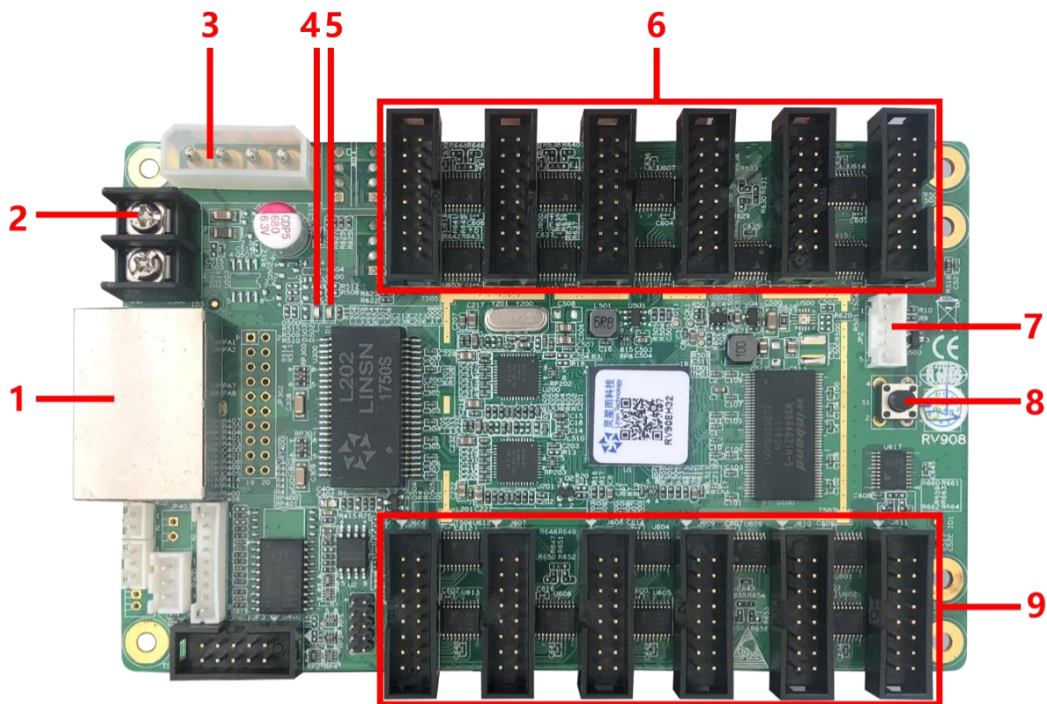
10. Two lines fan-speed monitoring
11. Humidity monitoring (humidity sensor sold separately)
12. Smoke monitoring (smoke module sold separately)
13. Three lines voltage monitoring: one for the system, two for cabinet power
14. Supports LCD monitoring display

Official website: [www.linsn.com](http://www.linsn.com)

Add: Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd,  
Nanshan District, Shenzhen

Tel: +86-0755-86183590/ 4008836968

Appearance



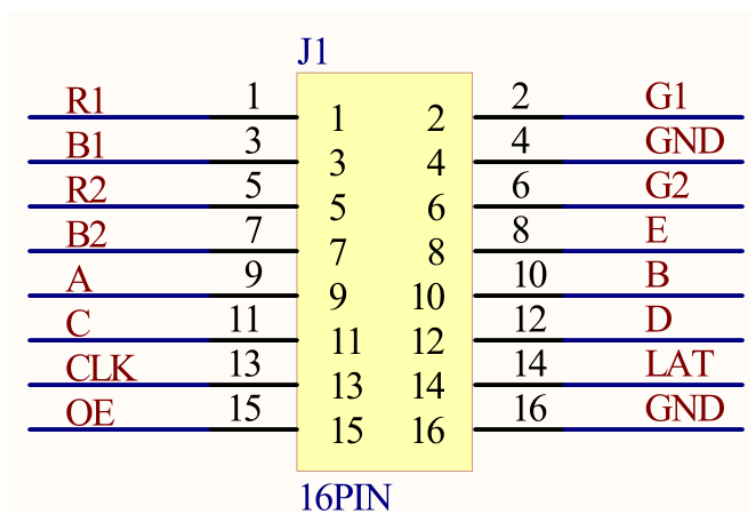
Official website: [www.linsn.com](http://www.linsn.com)

Add: Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd,  
Nanshan District, Shenzhen

Tel: +86-0755-86183590/ 4008836968

No.	1	2	3	4
Description	Gigabit port	Power connector	Power port	Red power indicator
No.	5	6/9	7	8
Description	Green indicator	Hub75 Connector	Self-test extension port	Self-test button

## Pinouts



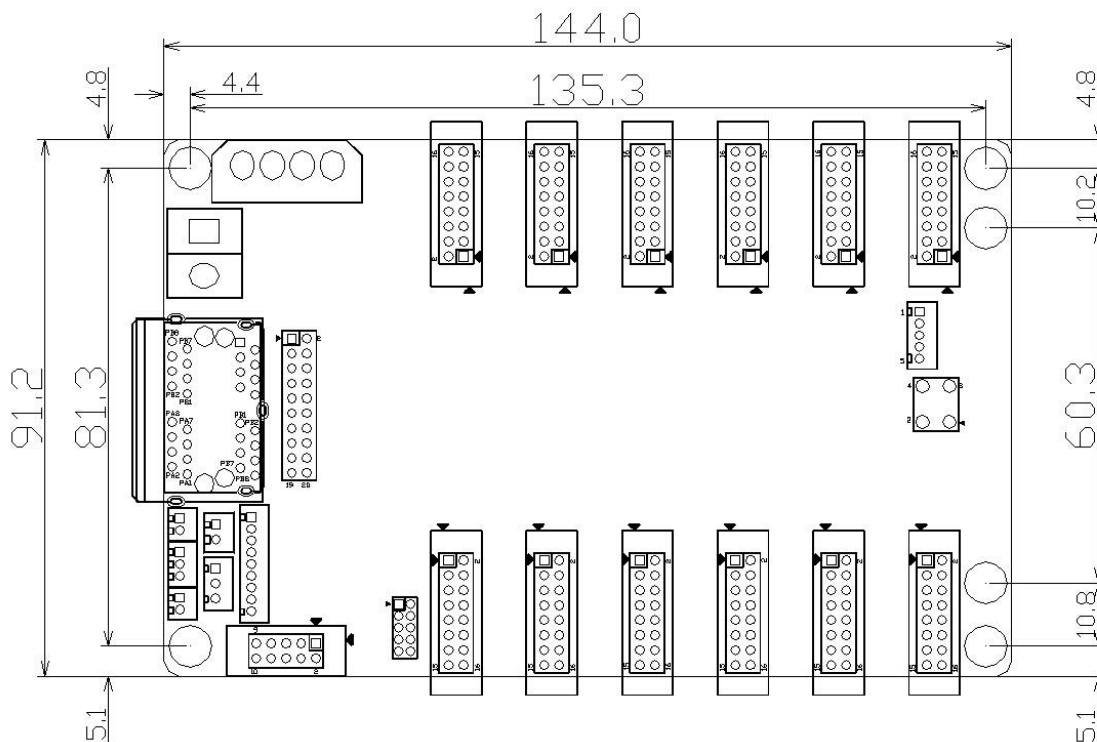
/	R1	1	2	G1	/
/	B1	3	4	GND	GND
/	R2	5	6	G2	/
/	B2	7	8	E	Row selection signal
Row selection signal	A	9	10	B	Row selection signal
Row selection signal	C	11	12	D	Row selection signal
Scan clock	CLK	13	14	LAT	Latch
Display enable	OE	15	16	GND	GND



## RV908H on-board monitoring

Interface on Receiving card(see the silk-screen)	Function	Usage
FAN	2 lines fan speed monitoring	Fan with Control Line
DOOR	cabinet door open/close monitoring	To form Open/close circle
VOLT	voltage monitoring	Connect to VCC
SMOKE	smoke monitoring	Smoke monitoring module SK901 is sold separately
HUM	humidity monitoring	Humidity monitoring module is sold separately
LCD	LCD module for displaying real-time monitoring information	LCD monitoring module is sold separately

## Dimension



Official website: [www.linsn.com](http://www.linsn.com)

Add: Floor 15&16, Jiajiahao Business Building, No. 10168, Shennan Blvd,  
Nanshan District, Shenzhen

Tel: +86-0755-86183590/ 4008836968

## Specifications

Capacity	384X512 Pixels	
Power	Input Voltage	DC4.5V ~ 5.5V
	Rated power consumption	4W
Working Environment	Temperature	-20°C ~ 70°C
	Humidity	0% ~ 95%
Physical Dimensions	Dimensions	144.0 X 91.2mm
	Weight	105g
Packing Info	Packing	Each card packed with small red foam bag, and 100pcs per carton
	Carton Dimension	622.0mm×465.0mm×176.0mm
	Carton Weight	13.3 kg

**END**