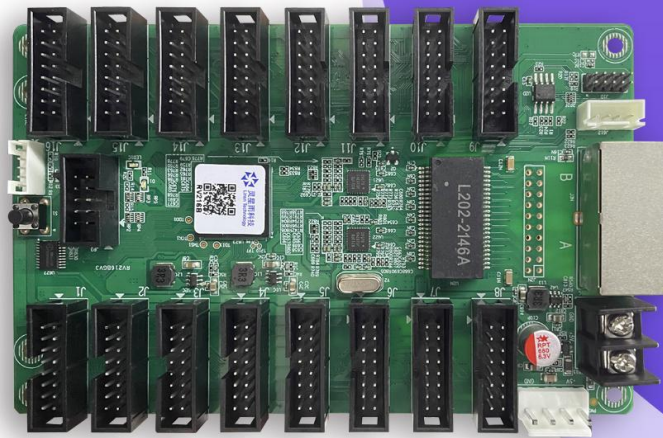




Linsn Technology



# **RV216B**

## **Receiver**

# **Specifications**

**V3.2**

## Revision History

Document Version	Hardware Version	Revision Date	Note
V3.0	V2	2022/1	New edition
V3.2		2025/3	Revised capacity

## Overview

RV216B is a standardize product for LED screen manufacturer, which is integrated with 16 standard hub75-type connectors and does not require an extra hub card. One card supports up to 256\*1024pixels and up to 32 sets of RCG data.

## Functions and features

1. Single card can support 32 group of RGB data output mode
2. Maximum supports 256\*1024(32 scanning mode for example, and please note that there are recommended values depending on the design of LED screen)
3. Supports brightness calibration pixel by pixel and single-card color space conversion
4. Supports configuration file read back
5. Supports 138 decode, 595 serial decode and so on
6. Realizes high refresh and high gray level effect

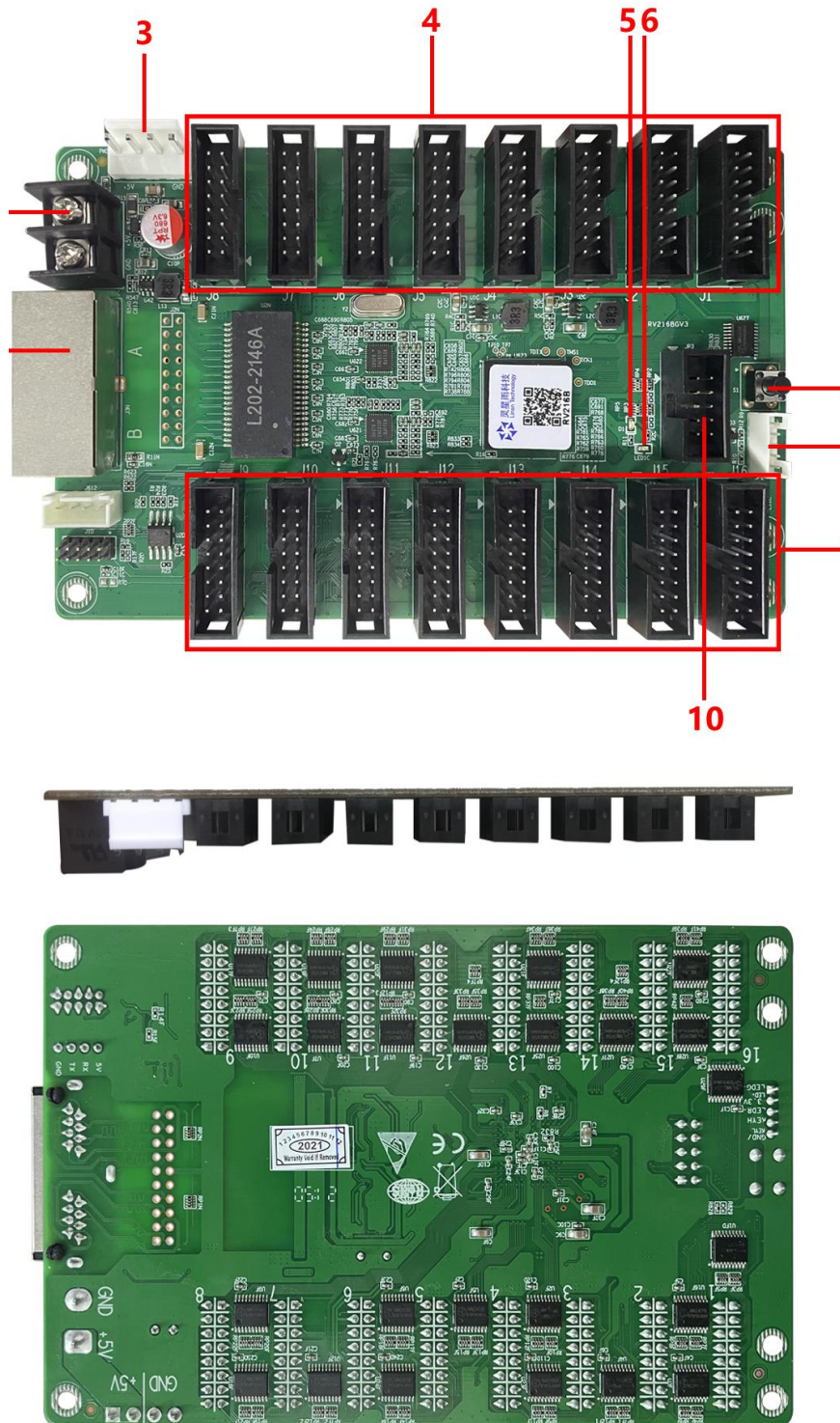
Official website: [www.linsn.com](http://www.linsn.com)

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## 7. Dual card backup

### Appearance



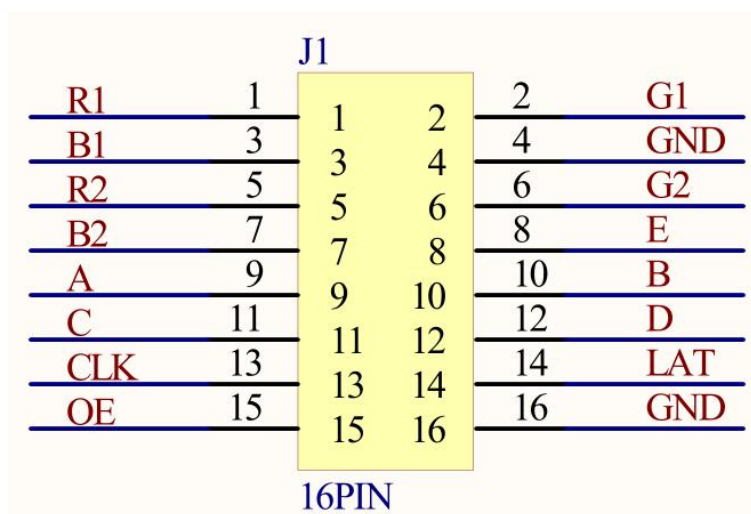
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No.	1	2	3	4/9
Description	Gigabit network port	Power connector	Power port	Hub75 Connector
No.	5	6	7	8
Description	Green indicator	Red power indicator	Self-test button	Self-test extension port
No.	10			
Description	Backup port			

## 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	C	11	12	D	Row selection

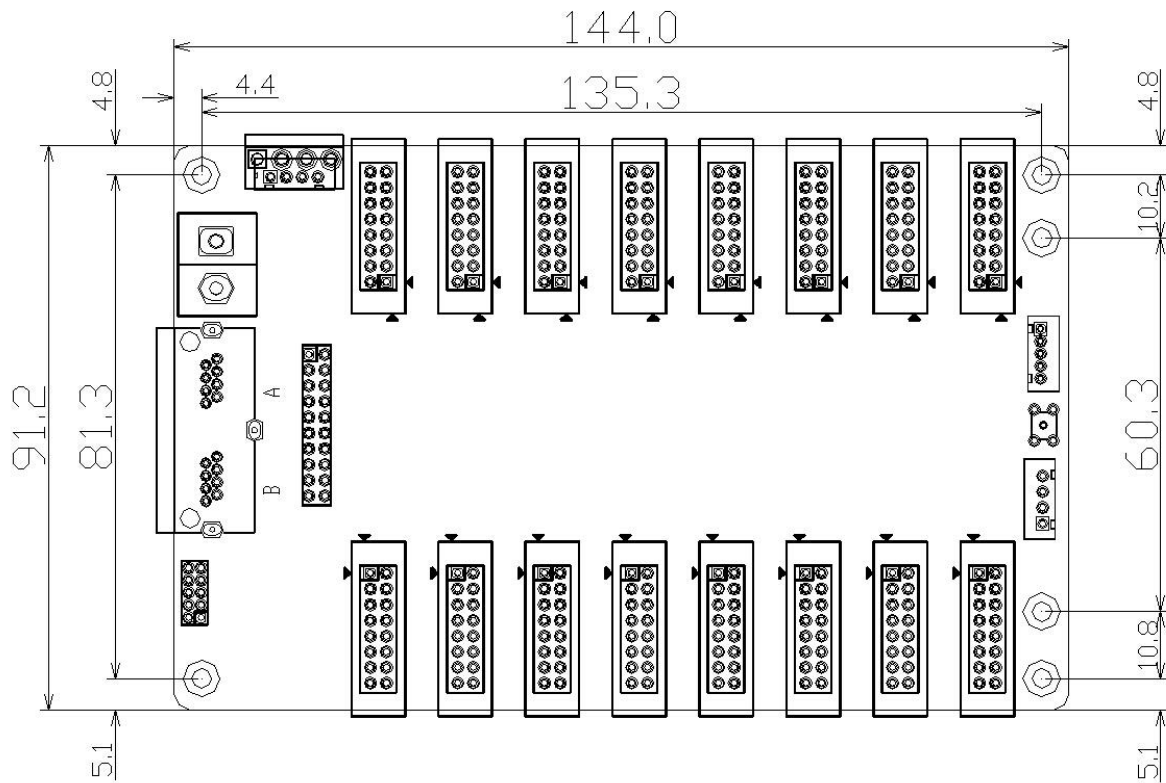
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signal					signal
Scan clock	CLK	13	14	LAT	Latch
Display enable	OE	15	16	GND	GND

## Dimension



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## Specifications

Capacity	256*1024 Pixels(32 scanning mode for example, and please note that there are recommended values depending on the design of LED screen)	
Power	Input Voltage	DC3.8V ~ 5.5V
	Rated power consumption	3.5W
Working	Temperature	-20℃~ 70℃
Environment	Humidity	0% ~ 95%
Physical Dimensions	Dimensions	144.0 X 91.2mm
	Weight	110g
Packing	Packing	Each card packed with small red foam bag, and 100pcs per carton
Info	Carton Dimension	622.0mm×465.0mm×176.0mm
	Carton Weight	13.8 kg

**END**

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