

# RV926



### 1. Functions and features



RV926 is a standardize product for LED screen manufacturer which does not require extra hub card and is compatible with RV908 with same size. It also equals to RV901 plus a hub75-type hub card (supports up to 32 scan mode). It has following functions and features:



 1) 16 hub-75 16-pin connectors on board (supports 32 scan mode), no extra hub card needed;

2)Single card maximum supports 256X1024 or 512X512 pixels;

- 3) Single card can output 32 groups RGB data;
- 4) Supports 138 decode, 595 serial decode and so on;
- 5) Supports pixel-by-pixel brightness and color calibration; and

single-card color space conversion;

- 6) High refresh rate and high grey level;
- 7) Supports general driver ICs and most of the PWM driver ICs;
- 8) Supports fetching back RCG file;
- 9) Support network cable BER test;
- 10) In line with RoHS standards;
- 11) In line with EU standards CE-EMC class B.



### Note: 1. Supports up to 384\*288 pixels for calibration

## 2. The cascade direction for receivers must be in

#### horizontal, as follows:

Sender Ri	eceiver	Display C	Connection								
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Extension cable 1 <= 32 Order No. 0 Width 168 ↔ 1 Height 336 ↔ 1	3 Orders 11 Width.v68	Order No.:2 Width:168	No.:1-3-1 Order No.:3 Width:168 Height:336	No.:1-3-1 Order No.:4 Width:168 Height:336	No.:1-3-1 Order No.:5 Width:168 Height:336	No.:1-3-1 Order No.:6 Width:168 Height:336	No.:1-3-1 Order No.:7 Width:168 Height:336	No.:1-3-1 Order No.:8 Width:168 Height:336	No.:1-3-1 Order = 9.:9 Width=r63 Height:335	6	
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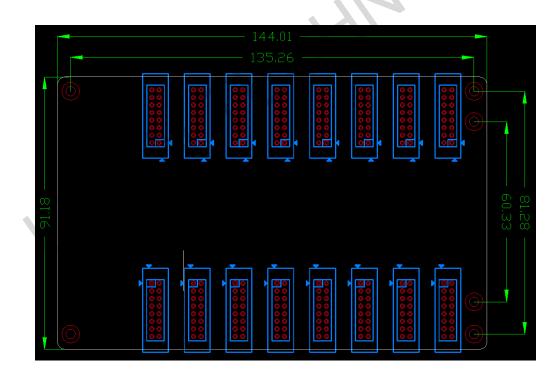
### 2. RV926 Pinout

There are two working mode for the control system, one is the normal mode with 8 connectors, and the other is 32 groups data with 16 output connectors. It has the following definition:



R1	1	2	G1
B1	3	4	GND
R2	5	6	G2
B2	7	8	Е
A	9	10	В
С	11	12	D
CLK	13	14	LAT
OE	15	16	GND

## 3. Dimensions (mm)





# 4. Working conditions

Rated voltage (V)	5	max	5.5	Min	4.5	
Rated current (A)	0.80	max	0.87	Min	0.73	
Rated power consumption (W)	4.0	max	4.8	Min	3.3	
Working temperature (°C)	-20°C ~75°C					
Working humidity (%)	0% ~ 95%					

ECK

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**END**