

PRODUCT SPECIFICATION

Receiving Card
HD-R716

1. Overview

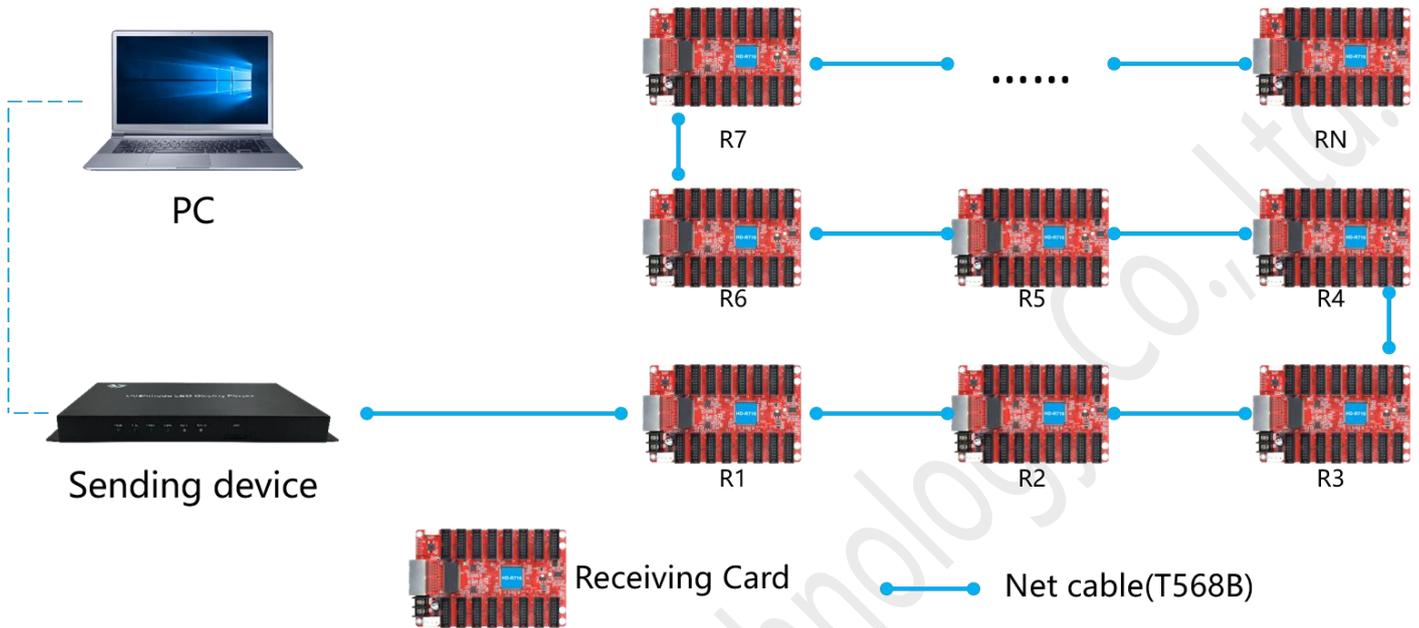
R716, on-board 16*HUB75E ports, compatible with R500/R508/R512/R512S/ R512T/R516/ R516T/R612, etc.

2. Parameters

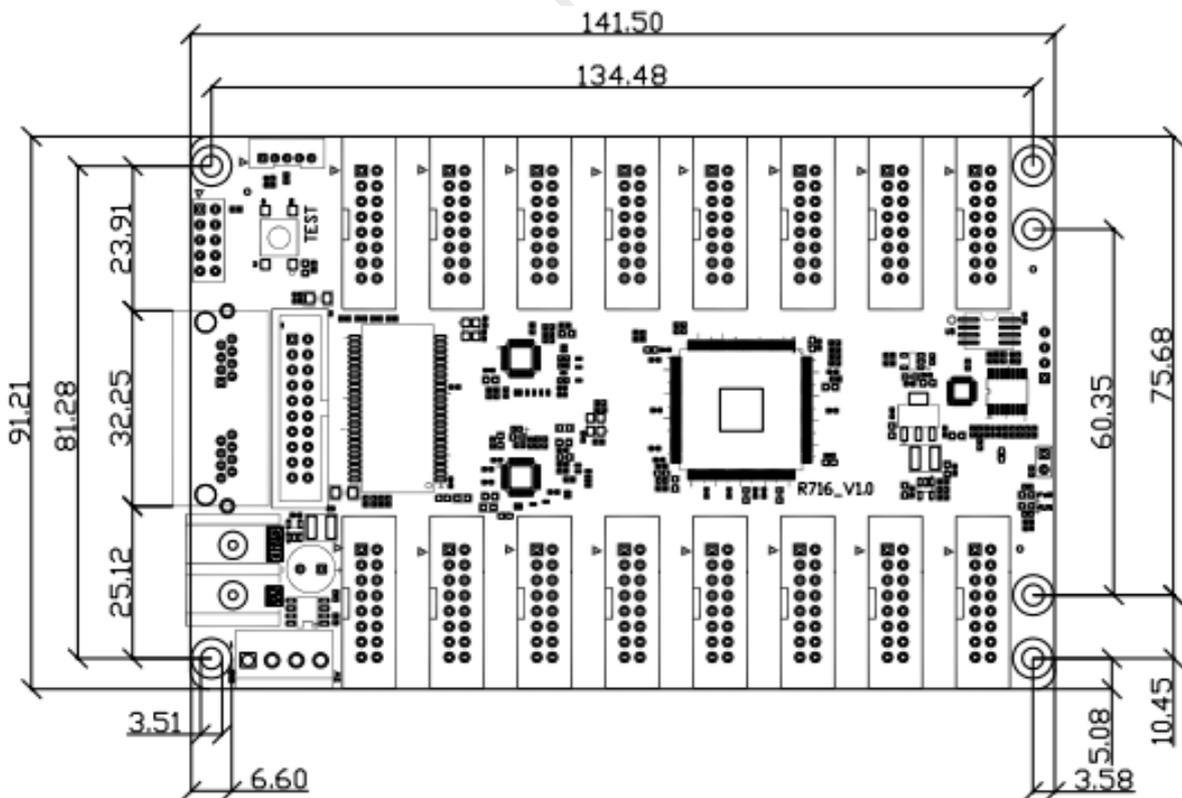
Features	Parameters
With sending card	Dual-mode sending box, Asynchronous sending card, Synchronous sending card, Video processor of VP series.
Module type	Compatible with all common IC module, supported most PWM IC module.
Scan mode	Supports any scanning method from static to 1/128 scan
Communication method	Gigabit Ethernet
Control range	Maximum loading capacity: 327,680 pixels (512*640) conventional chip 160*1024, 256*640, PWM chip 320*1024,256*1280, 512*640 Note: The actual loading capacity is related to the number of HUB ports/module resolution.
Multi-card connection	Receiving card can be put in any sequence
Gray scale	256~65536
Smart setting	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
Test functions	Receiving card integrated screen test function, Test display brightness uniformity and display module flatness.
Communication distance	Super Cat5,Cat6 network cable within 80 meters
Port	5V DC Power*2,1Gbps Ethernet port*2, HUB75E*16
Input voltage	4.0V-5.5V
Power	5W

3. Connection Method

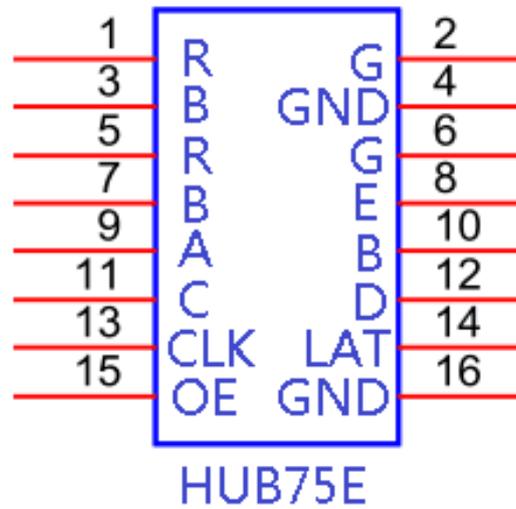
Connection diagram of connecting R716 with display player box:



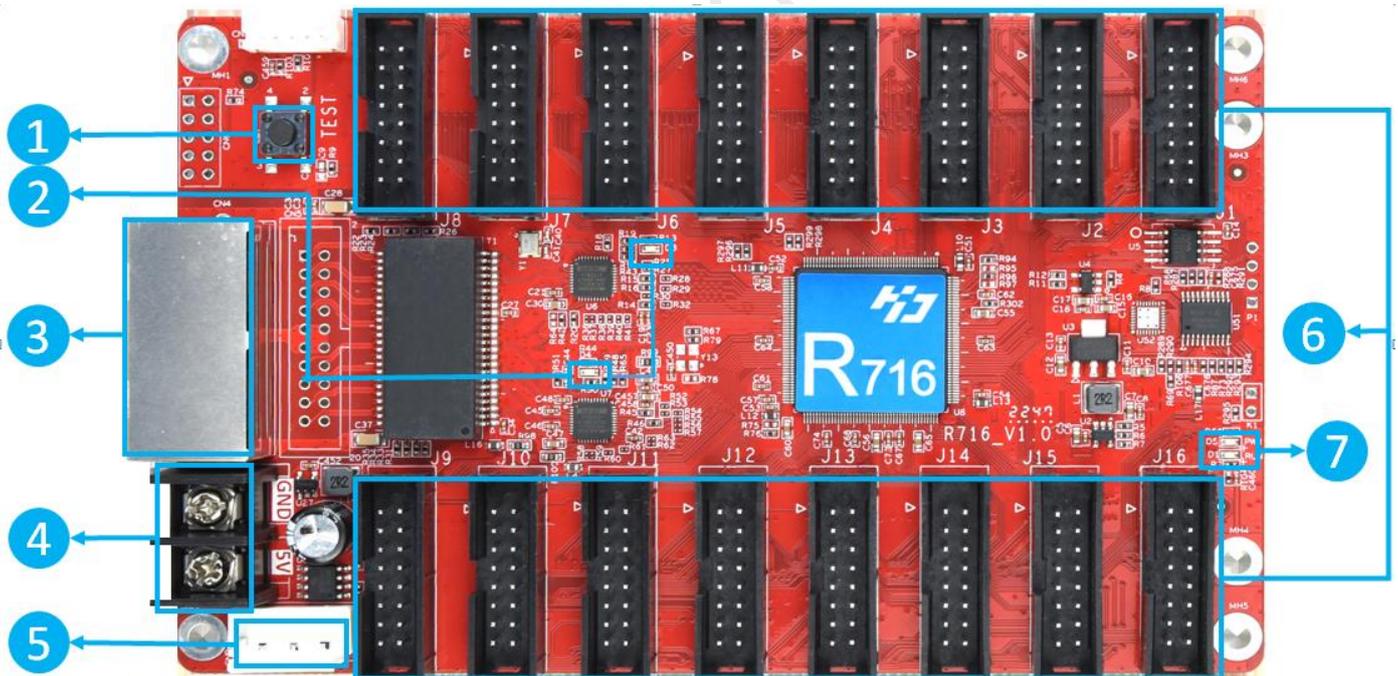
4. Dimensions



5. Interface Definition



6. Interface Description



No.	Interface	Description
1	Test button	Used to test display brightness uniformity and display module flatness.

2	Gigabit network indicator	D3、 D4 for 2 Gigabit Ethernet port, no link—always off, link but not act—always on, link and act—flashing
3	Gigabit Ethernet port	used to connect the sending card or receiving card, the same two network ports are interchangeable
4	Power interface	Can be accessed with 4.0V ~ 5.5V DC voltage.
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6	Flat cable interface	16 HUB75E interface, connect to the LED modules by flat cable.
7	Work indicator	PWR (D5) always on green, the power supply is normal. PWR (D5) green, 1 second on 1 second off, network connection is abnormal or no video signal; 1 second flash 4 times, the receiver card is working normally, the video signal is normal; 2.5 seconds flash 5 times 1.5 seconds off, the receiver card parameters have been locked.

7. Technical Parameters

Item	Parameter value
Rated Voltage (V)	DC 4.0V-5.5V
Working Temperature (°C)	-40°C~80°C
Working Environment Humidity (%RH)	0~90%RH
Storage Environment Humidity (%RH)	0~90%RH
Net weight (g)	≈91g

Precautions:

- 1) Ensure the system long-term stable running, please use the standard power supply.
- 2) Please do not operate with electricity
- 3) Due to the production batch and other reasons, there may be a slight error between the photo and the real thing. If in doubt, please confirm with us.