RECEIVING CARD
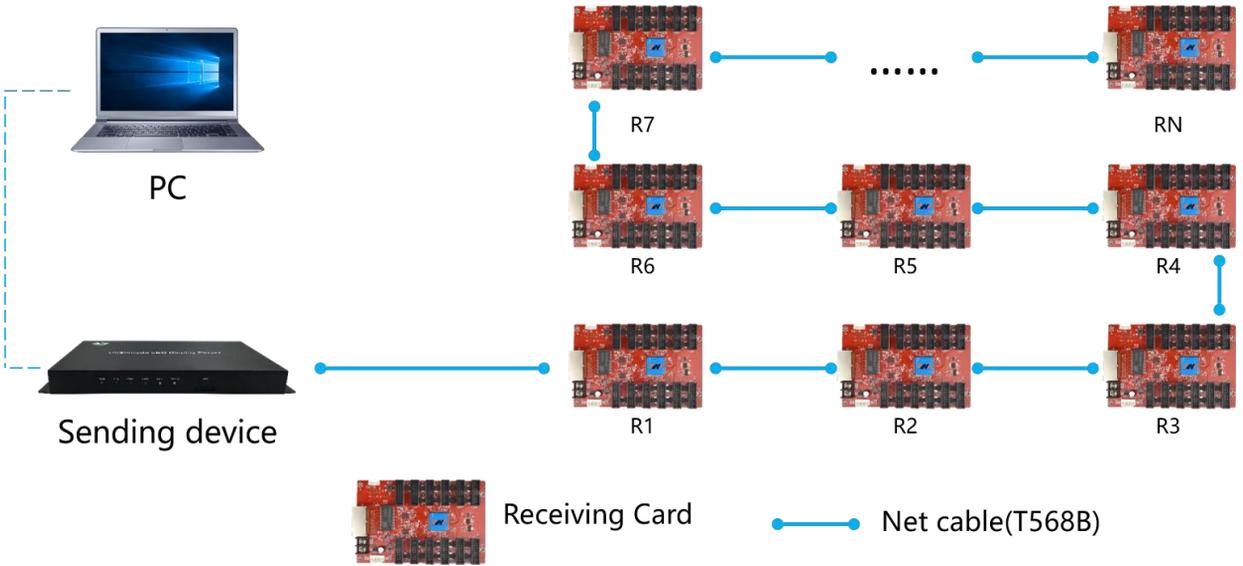
TW-RV12

01 PARAMETERS

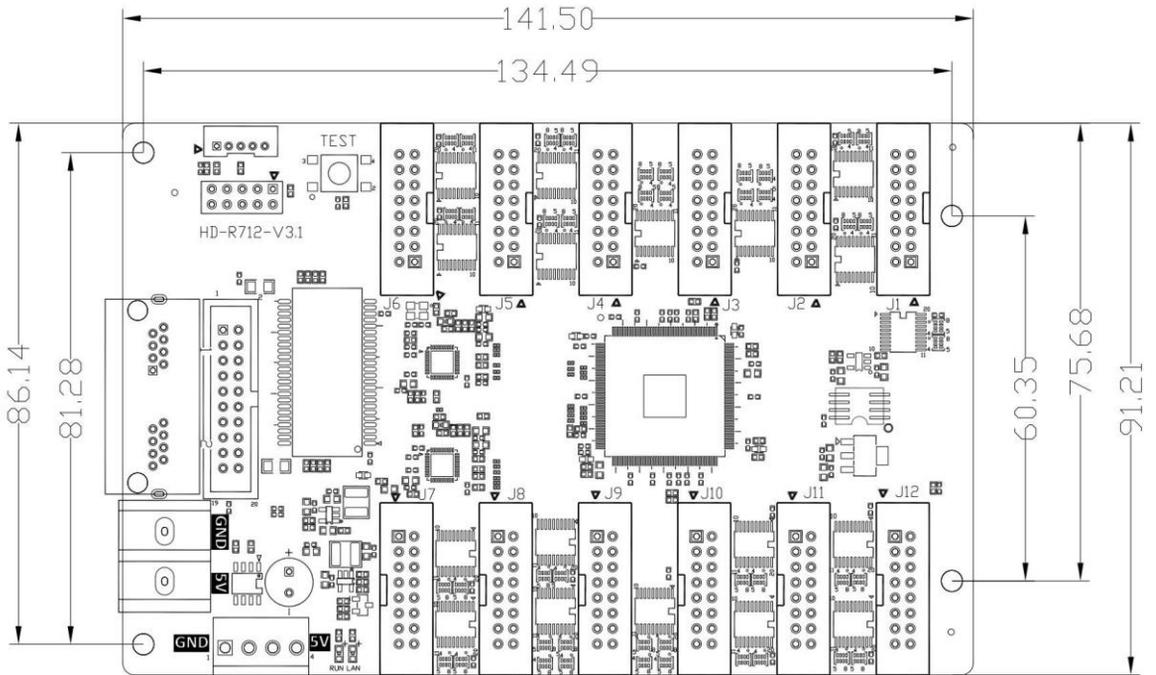| Item	Specification
Compatibility	Compatible with all standard IC modules; supports most PWM IC modules
Scan Mode	Supports static scan up to 1/128 scan
Communication	Gigabit Ethernet
Control Range	Max load: 262,144 pixels (512 × 512)
Recommended Load	Standard IC: 128 × 1024 pixels; PWM IC: 256 × 1024 pixels
Grayscale	256 ~ 65,536 levels
Test Function	Built-in display test function on receiving card
Interfaces / Ports	DC 5V Power ×2; Gigabit Ethernet ×2; HUB75E ×12
Input Voltage	4.0V – 5.5V
Power Consumption	5W

02 CONNECTION METHOD

PC

Sending device

R7   ......   RN

R6   R5   R4

R1   R2   R3

Receiving Card   ●━━━● Net cable(T568B)

03 DIMENSIONS

141.50

134.49

86.14

81.28

60.35

75.68

91.21

HD-R712-V3.1

TEST

J6   J5   J4   J3   J2   J1

J7   J8   J9   J10   J11   J12

GND   5V

GND   5V

RUN LAN
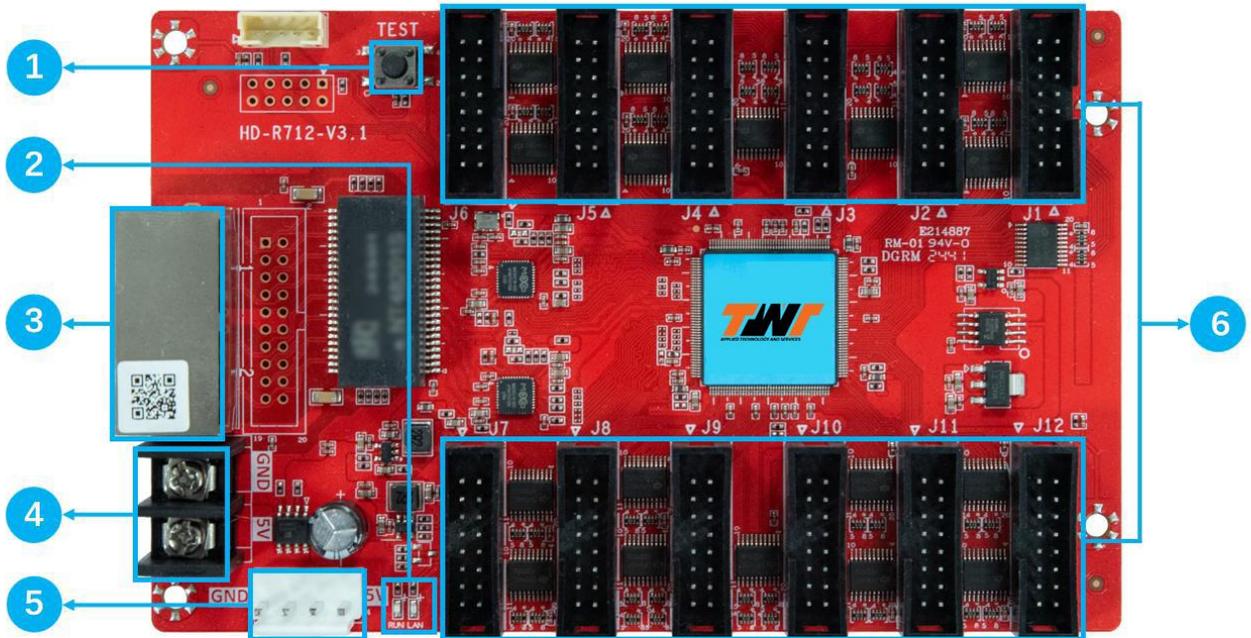
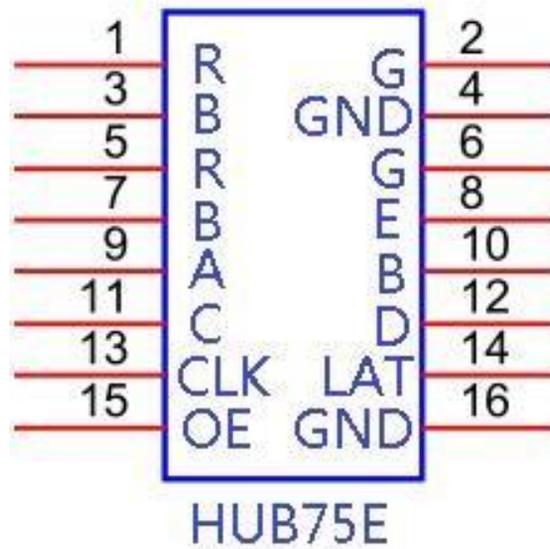| No.	Interface	Description
1	Test button	Used to test display brightness uniformity and display module flatness.
2	Work indicator	RAN flashes to indicate that the control card is running normally. LAN flashes quickly to indicate that Gigabit has been recognized and data is being received.
3	Gigabit 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.
5	Power interface	Can be accessed with 4.0V ~ 5.5V DC voltage.
6	Flat cable interface	12 HUB75E interface, connect to the LED modules by flat cable.

05 INTERFACE DEFINITION

Pin	Signal	Signal	Pin
1	R	G	2
3	B	GND	4
5	R	G	6
7	B	E	8
9	A	B	10
11	C	D	12
13	CLK	LAT	14
15	OE	GND	16

HUB75E

06 TECHNICAL PARAMETERS

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

TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD

TWT reserves the right to change products' dimensions and specifications without notice.
TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD reserves the ultimate right to the interpretation of this catalogue.

ADDRESS: 71 BUKIT BATOK CRESCENT #09-04 PRESTIGE CENTRE SINGAPORE 658071

EMAIL: info@twt-technology.sg