

WiFi-104 WiFi Lighting Control System



WiFi-104 is a versatile office/home lighting control system. Through WiFi function build-in mobile devices could control various types of LED lighting products after installing related software on our iOS or Android phones, tablet PCs and other mobile devices. It makes the LED lighting control more intelligence, networking and humanization.

WiFi-104 lighting control system integrated with four functional controls including dimming, color temperature adjusting, RGB and RGBW, which could be set as single color, color temperature(nature white + warm white and nature white + warm white + cool white), RGB and RGBW five types. Easy to control installed various of LED lights on WiFi Software. Meanwhile, it supports max 12 zones control. We could do what you think!

WiFi-104 control system supports connection directly or by router:

In directly connection, mobile phone, pad can directly control the WiFi-104 controller + R4-5A/R4-CC wireless control, without any third party of network equipment ;

Connection by a router, in addition to reach all the functions of direct connection and will not affect the normal Internet function at the same time, the most important part is to support the software interface to switch multi-control systems, control independent of each other systems more convenient, for example, supporting 24 zones in two systems.

In addition, you can DIY the lighting on software according to your habits. You can DIY any color, any changing you like. It will let yourself relish in your sense of accomplishment for your special life color.

You can also use our 2.4G RF remote M12 if there is no software, more options for you.

1. Product Parameter:

WiFi-104 Controller

- Communication Standard: 2.4GHz Wi-Fi, 802.11b/g/n Protocol
- Input Voltage: DC12V~DC24V
- Max Current Load: 4A x4CH Max 16A
- Max Output Power: 192W/384W(12V/24V)
- WiFi Control Distance: 100m(Distance of cross-eyed)

- Working Temperature: -20°C~50°C
- Product Size: L128*W73*H45mm
- Package Size: L135*W80*H50mm
- Weight(G.W.): 290g

R4-5A Constant Voltage Zone Receiver

- Wireless Frequency: 2.4GHz
- Input Voltage: DC5V~DC24V
- Max Current Load: 5A x 4CH Max 20A
- Max Output Power: 100W/240W/480W(5V/12V/24V)
- Remote Distance: 50m(Distance of cross-eyed)
- Working Temperature: -20°C~50°C
- Product Size: L175*W44*H30mm
- Package Size: L178*W48*H33mm
- Weight(G.W.): 110g

R4-CC Constant Current Zone Receiver

- Wireless Frequency: 2.4GHz
- Input Voltage: DC12V~DC48V
- Output Voltage: DC3V~DC46V
- Output Current: CC350/700/1050mA*4CH (3 in 1)
- Output Power: 1.05W~48.3W*4CH Max 193.2W
- Remote Distance: 50m(Distance of cross-eyed)
- Working Temperature: -20°C~50°C
- Product Size: L175*W44*H30mm
- Package Size: L178*W48*H33mm
- Weight(G.W.): 110g

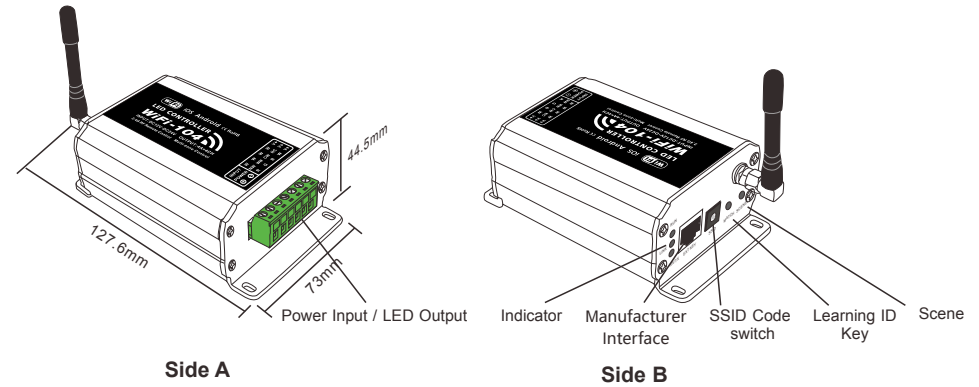
M12 Remote Control

- Working Voltage: DC3V(CR2032 button battery)
- Transmitting Frequency: 2.4GHz
- Remote Distance: 30m(Distance of cross-eyed)
- Dimensions: L104x W60x H9mm
- Weight (G.W): 42g

Software Technology Parameters

- Operation Platform: No Lower Than Android 2.3 or iOS6.0
- Screen Resolution: Above 960*640
- WiFi Function: Must Have WiFi Function
- Byte: Android Edition (932K); iOS Edition (2.8MB)
- Language: English
- Category: Appliance
- Other: Free, No Plug-ins

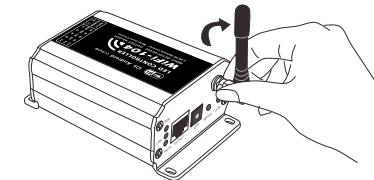
2. Configuration Diagram



3. Controller Operating Instructions

(1) Install / Uninstall ANT

Install the WiFi antenna clockwise,
Uninstall anticlockwise



ANT installation instruction

(2) Indicator Light Instructions

Indicator light	Instructions
● RUN	It flashes quickly about 25s during the electric initialization. Flashes once per second after initialization
● LINK	It keeps on when the mobile device connected with WiFi controller, and turns off when disconnected.
● RX/TX	It turns on when the controller receives or transmits the WiFi data. Turns off in the free time.

(3) SSID Number Setting

Set the controller's SSID number with code switch, SSID number range from WiFi-104-SSID-0 to WiFi-104-SSID-F, total 16 No. which means our product could set 16 isolated LAN in the same area. The controller will re-enter initialization status once the code switch changes. RUN indicator light will flash quickly about 25 seconds, mobile device need to search and connect WiFi again after Initialization finished.

