

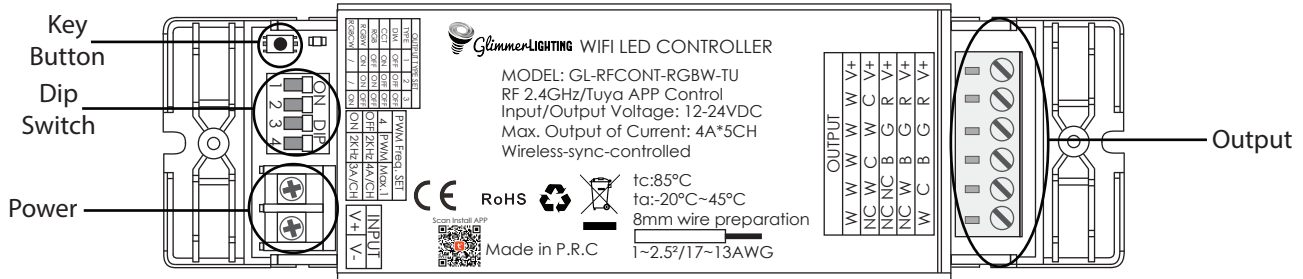
**Operation Instructions of WIFI Controller**

**1. Specifications**

Working temperature: -20°C to 60°C  
 Output: 3-5 channels  
 Grayscale: 1024 levels  
 External dimension: L160\*W46\*H25 mm  
 (L6 1/4\*W1 3/4\*H1 in)  
 RF frequency: 2.4GHz  
 Short circuit protection: Yes  
 PWM frequency: 2KHz, 21.6KHz  
 TUYA APP for IOS/Andriod

Supply voltage: DC12~24V  
 Connecting Mode: Common anode  
 Speed stage: 1024 levels  
 Net weight: 110g  
 RF distance: <20m  
 Memory function: Yes  
 Max. Output current: PWM=2KHz:4A/CH, PWM=21.6KHz:3A/CH  
 Max. Output power: 12V: <240W, 24V:<480W  
 Or at 12 volts 48 watts/channel  
 24 volts 96 watts/channel

**2. Controls, indicators and connections**



**Fig. 1**

1. Signal indicator status and description: it will light up when operating the remote control; it will stay on after a successful WIFI connection.

2. DIP switches 1 through 3 are used to set the load output type, corresponding to the following:

DIM				CCT				RGB				RGBW				RGBCW			
ON		DIP		ON		DIP		ON		DIP		ON		DIP		ON		DIP	
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
OFF	OFF	OFF	X	ON	OFF	OFF	X	OFF	ON	OFF	X	ON	ON	OFF	X	X	X	ON	X

Note: After setting the load output type, the WIFI control function needs to be reset, and the “add device” operation should be preformed again in the APP. If the type is switched in the power-on state, the contoller will automatically reset, and will directly enter the EZ distribution network state after the load light flashes quickly. For more connection instructions, please refer to the “Direction for use - WIFI Network Operation” section.

3. DIP switch 4 is used to set the PWM frequency of the load output: OFF-2KHz (factory default value), ON-21.6KHz as per the following diagram

PWM=2KHz				PWM=21.6KHz			
ON		DIP		ON		DIP	
1	2	3	4	1	2	3	4
X	X	X	OFF	X	X	X	ON
Default							

**3. Direction for use**

**1) WIFI controlled by Tuya Application for smart control. ie: group control, scene control, timer control, music control and so on.**

Scan QR code from controller to download Tuya application (page 4)

Create an account or register your controller to an existing account

WiFi- Smart Controller can be added using "EZ Mode" - Auto Scan or "AP Mode" - Add Manually.

**EZ Mode:** Press and hold the "Key" button for 5s to restore to the factory setting and enter EZ mode (Rapid Blinking). (See fig 1, page 1)

**AP Mode:** Unplug and reconnect the power supply and the Wi-Fi Smart Controller 5 times in a short period to enter AP mode (Slow Blinking).

**Tips:**

1. If the Wi-Fi signal is weak or cannot connect with the device using "EZ Mode", please tap the "EZ Mode" on the top right corner and tap "AP Mode" to enter the AP mode to add the device and follow the App instructions to connect the Wi-Fi Smart Controller to your network.


2. After setting the load output type, the WIFI control function also needs to be reset, and the "add Device" operation should be preformed again in the APP.

1) If the load type is reset in the power-on state, the controller will automatically reset, and will directly enter the EZ distribution network state after the load light flashes quickly. At this time, the load light will keep flashing, and the network connecting operation can be performed, or you can press any button on the remote control to exit the network connecting status; if there is no operation, it will exit automatically after 3 minutes.

2) If the load type is reset in the power-off state, please refer to the above instruction to connect the network be EZ Mode or AP Mode.

**2) Controlling with an RF 2.4 GHz remote control as below:**

Controller is compatible with 16 item RF remote controls for options, for different applications. Please find some options from the recommended selection below.

LED Type	RF Remote Control
<b>RGBW/ RGB+W</b>	 GL-RFREMOTE-RGBW-TU

1. This controller is also compatible with other remote controls, please contact us for more information.
2. Please refer to the remote control specifications for features and functions.



