

# USER INSTRUCTION

## Tuya WiFi IR 24 Keys RGB(W) CONTROLLER



### 1. Product features:

Tuya Wifi IR 24keys RGB(W) controller is a intelligent LED controller which is compatible with APP control, Voice control and Remote control. It use latest Tuya wifi solution technology to ensure device's stability in LAN control and remote control. Main function are 16 million colors adjustment, dynamic modes, brightness adjustment, speed adjustment, DIY modes, Timer etc.

### 2. Technical Parameters:

#### Controller:

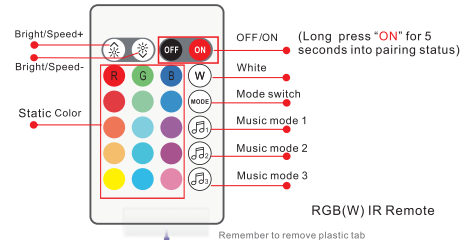
- Working temperature: -30~60℃
- Input voltage: DC 5~24V
- Output: RGB: 3 channels  
RGBW: 4 channels
- Max output current: ≤6A
- Controller size: L61×W35×H22mm
- Net weight: 45g(set) Gross weight: 60g(set)
- Output power: 5V:≤30W, 12V:≤72W, 24V:≤144W
- Connection mode: Common anode

#### Remote control:

- Working voltage: 3V, CR2025 batteries
- External dimension: L85mm\*W52\*H7mm



### 3. Remote control instruction:



### 4. Configuring App and smart device:

#### (1) APP download

- ① Scan QR Code to download Tuya APP via mobile phone.
- ② Other methods to download APP:  
iOS system: search "Tuya Smart" in APP Store.  
Android system: search "Tuya Smart" in Google play.
- ③ Open your phone wifi and connect it to your wifi router.



#### (2) Register an APP account

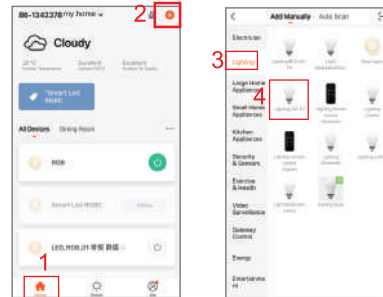
Open the control software APP--"Tuya Smart"  
If you don't have an account, please click "Register" to register an account first; if you already have an account, you can use the existing account to log in directly.

#### (3) Controller device part installation

- ① Connecting controller and output led light first.
- ② Connecting input power supply, to ensure no short circuit between the cables before power on, supply voltage is DC5-24V, do not input on other voltage.

#### (4) Adding Wifi device (1)

log in and enter the homepage "Home", Click "Add Device" or "+" sign in the upper right corner to add a wifi device; Select the "Lighting" line item in the Add Manually column, select the "Lighting (Wi-Fi)" go to the "Add Device" page;



#### (5) Wifi device configuration status setting & Factory reset:

##### How to set wifi device into configuration status?:

- Way 1:** (1) Power off the device.  
(2) Then power on--off--on--off--on (means switch power 3 times), each steps of power on to power off need to within 10 seconds.  
(3) Output light fast blinking means device is ready to pair with app.
- Way 2:** Long press "ON" button on the remote for 5 seconds until the output light fast blinking means setting successfully.

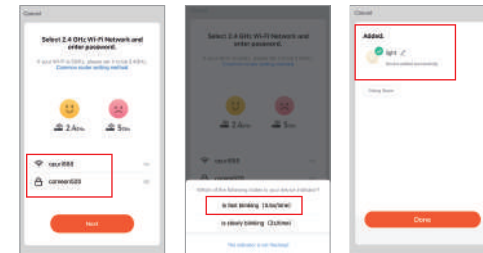
##### Factory reset:

Note: if your device have be configured to one phone, but you want to configure it to new phone, please factory reset it. the steps are same as above 2 ways. or you can delete device and repair it again.



#### (6) Adding Wifi device (2)

Select wifi routing network and input password ----> click "next"----> click "is fast blinking (0.5s/time)"---->, then app will remind "Device add successfully", the output light will stop fast blinking at the same time. now you can customize the naming settings for the controller, and the controller can be assigned to 6 places such as: living room, master bedroom and so on.

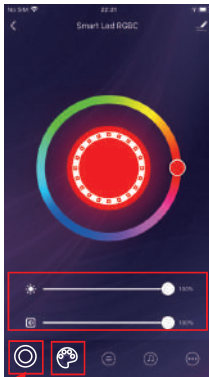


## 5. APP Instruction:

There are several options of "Colour Mode" "Scene Mode" "Schedule" "Timer" etc to control the lights differently

### (1) White mode and color mode

**Colour Mode:** Touch the color ring to select any color, can adjust the "Brightness" and "Saturation" of light from 1%(0%)~100% through the two below bars.

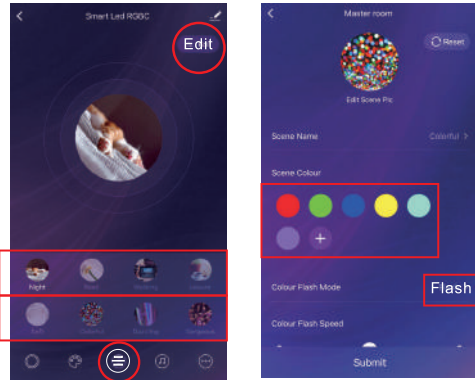


(White mode)

Colour Mode

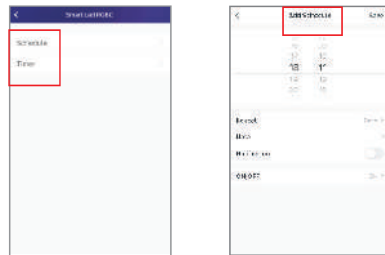
### (2) Scene mode.

There are 8 default modes in total, the above 4 modes are static color scenes, The following 4 modes are dynamic scene modes, can be "Set" and "edited" separately. You can easy to DIY set different colors, modes, brightness, and speed etc.



### (3) Schedule and Timer

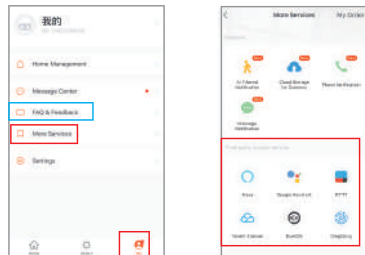
Can set the ON/OFF status of the light according to the actual required timing. (Note: After setting the time, the APP on the mobile phone exits or disconnects the wifi, the schedule also works).



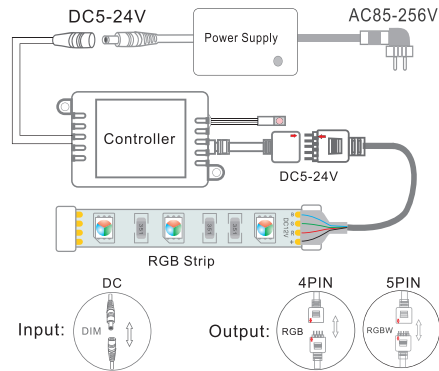
### (4) Voice assistant service & FAQ

① This controller is compatible with **Alexa**, **Google Assistant**, Rokid, Tmall Genie, Ding Dong, Tencent Xiaowei and other intelligent voice devices. For detailed connection methods and instructions, please follow the corresponding device instructions. As shown by Alexa: Other services: The controller is also compatible with various services such as **IFTTT**.

② If you have any questions, please enter "FAQ & Feedback" of "My" interface to check.



## 6. Connection diagram



## 7. Cautions

- (1). This product only use on supply voltage DC5-24V, do not input on other voltage.
- (2). The lead wire shall be according to the wiring diagram of the color and label, connect correctly. Please don't reverse the power input connection of both cathode and anode.
- (3). Please do not overload, the total max output current is 6A.
- (4). Do not put the controller in a wide range of use metal area, or near a strong electromagnetic wave area, otherwise it will seriously affect the communication distance.
- (5). If you have any questions, such as how to reset the device, router question etc, please enter "FAQ & Feedback" of "My" interface to check.