

LED ZIGBEE Controller series specifications

DW CW RGB RGBW RGBWC



Product profile

It has the advantages of convenient wiring, simple use, memory storage, mode select by remote control, adjusting brightness, speed, static color and dynamic change effect, according to the actual needs of customers. This product is suitable for any lighting occasion with LED as the light source, such as: LED module, LED light belt, LED point light source, LED wall washer, glass curtain wall lamp, etc.

Product Parameter

Product name: LED ZIGBEE Controller

Operating voltage: 5~24V

Output current: 6A / CH

Working mode: ZIGBEE

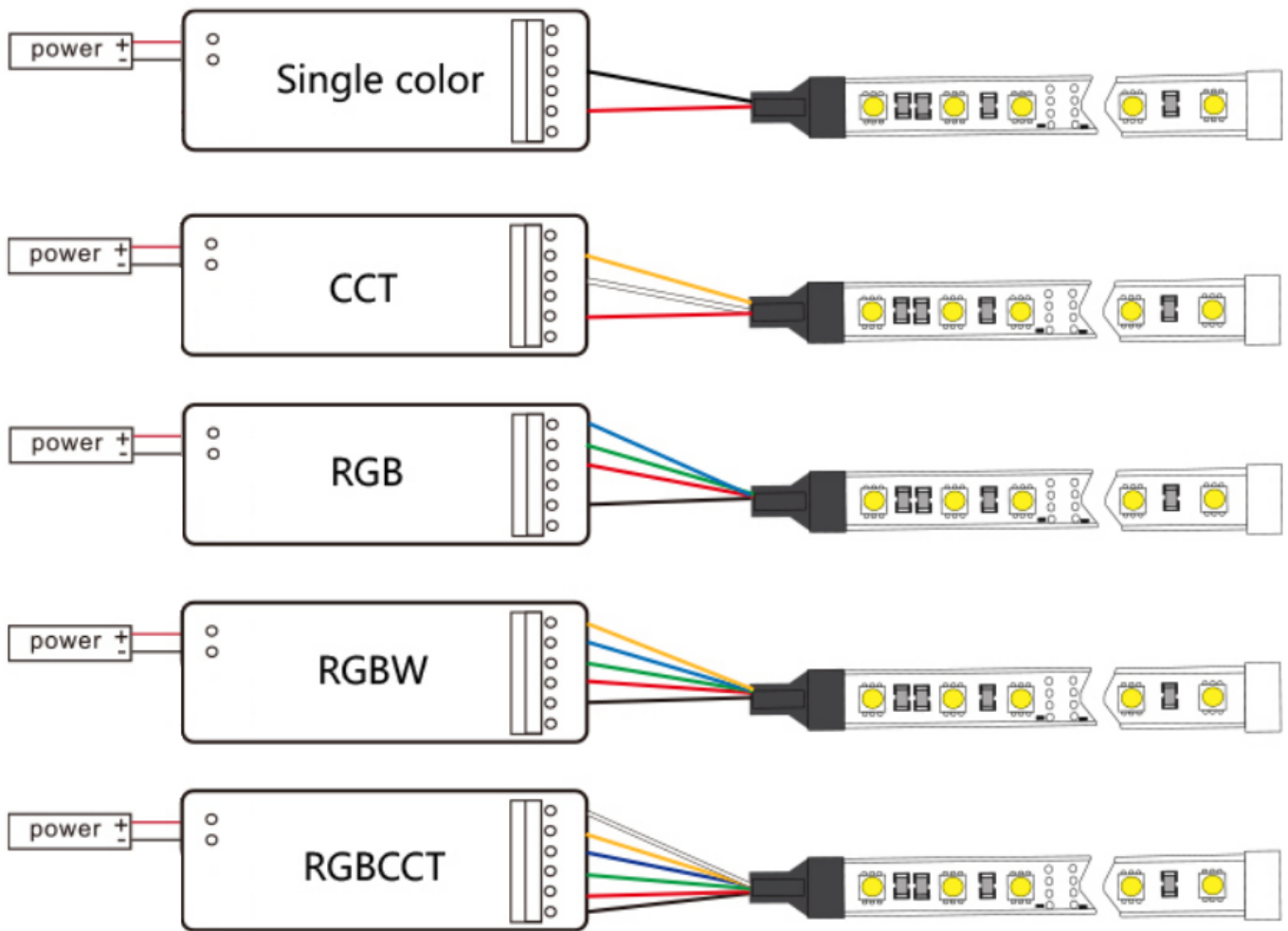
Operating temperature: -20-60°

Net weight: 47g

Product features

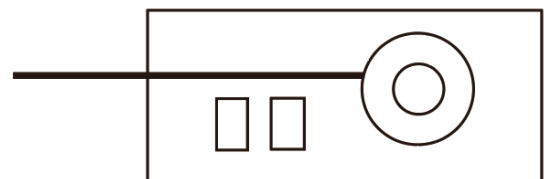
1. Strong scalability: ZIGBEE technology supports a variety of network topologies and can achieve many-to-many communication.
2. Short-distance communication: The communication distance of ZIGBEE technology is generally between 10-75 meters, which is suitable for the short-distance communication requirements in domestic and industrial environments.
3. High stability: ZIGBEE technology adopts multi-hop communication mode, which has strong anti-interference and stable data transmission ability
4. High security and privacy: ZIGBEE systematic design, can effectively avoid technical cracking, and there is no precedent in the world to ensure home security and privacy.
5. DC5~24V wide voltage input, the power supply has anti-reverse connection function.
6. Power off memory setting: the function of opening or closing the power off saving parameters can be set in the APP interface.
7. Exquisite appearance: light and simple suit, specific plastic suction packaging to improve the protection of product transportation process and reduce product transportation costs.

A Schematic diagram of the product connection



DC power supply interface: directly connect to the power supply

DC 电源接口



Product APP connection

Scan the QR code (or search TUYA' on Google Play or App Store) to download the TUYA App.

2. Open and log in to your application

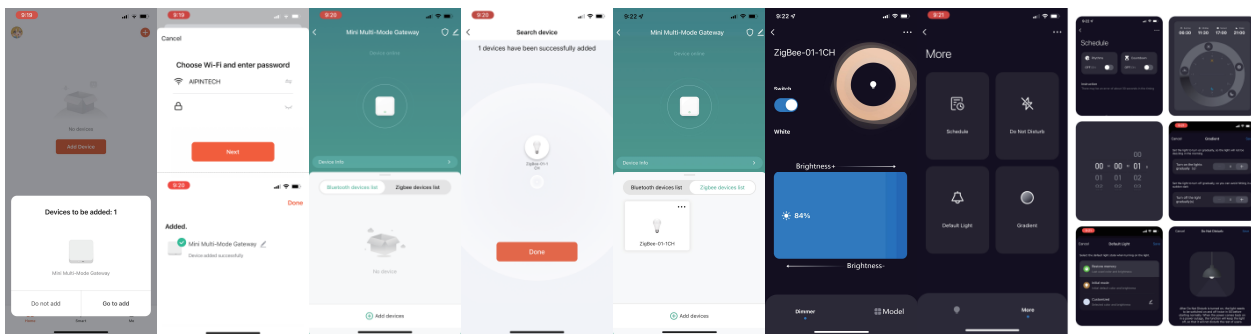


3. Connect the product according to the connection diagram, plug and unplug the power three times, or press and hold the reset button for five seconds to enter the distribution network, so that the light strip is in a slow flashing state of breathing

4. Ensure the Internet status of smart phones. After entering the TUYA APP, the phone will automatically recognize our gateway and click Go to Add to connect

5. Input WIFI password for connection (incorrect WIFI password will lead to connection failure)

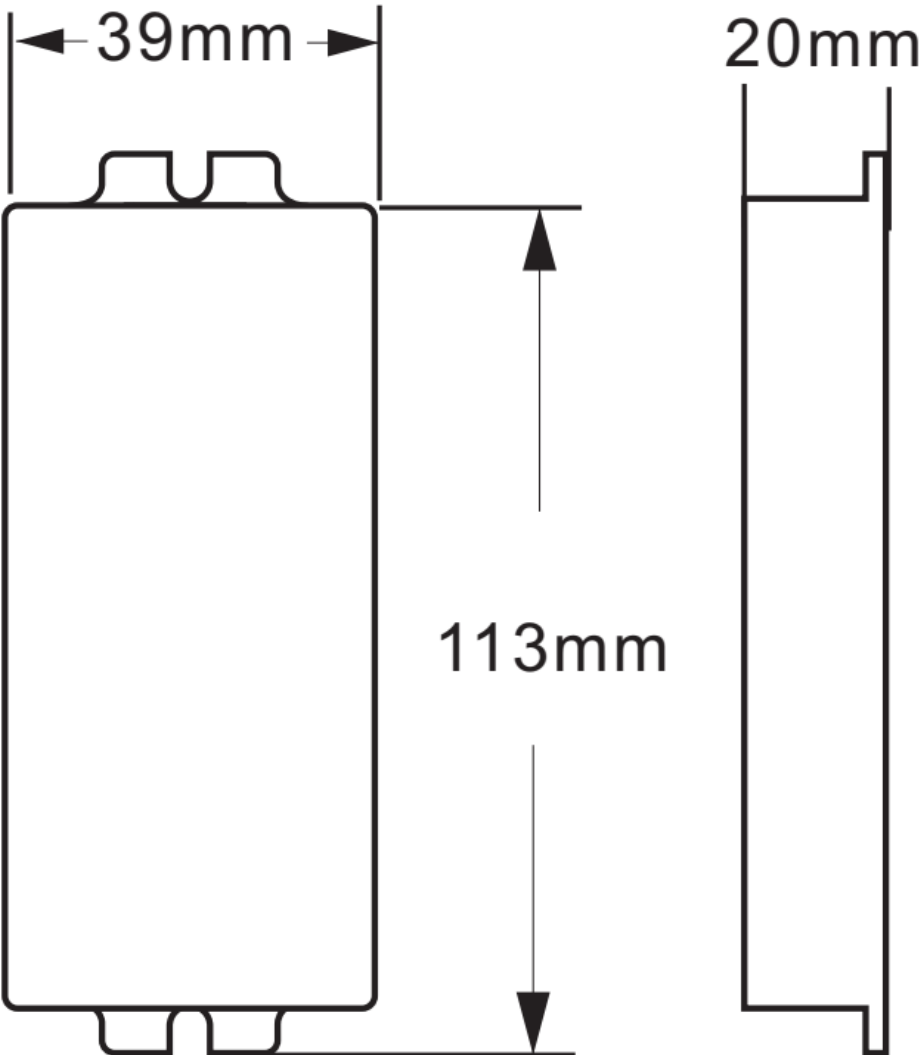
6. Click Done to enter the gateway control interface
7. Click Add Devices to Add controller (please place gateway, controller and smart phone close to each other for quick pairing identification)
8. The smart device has recognized it. Click Done to enter the next interface
9. Click the lamp to enter the control page
10. On the Static Color Control page, you can combine any static color using the brightness
11. Freely name the lamp products for more comfortable use
12. This product has timing function, can be set freely to turn on and off the light, more comfortable and convenient
13. This product has memory lighting, initial lighting and DIY lighting functions, making it more convenient to use.
14. You can freely set the power-off memory mode on or off within the APP Interface



APP Connection Notes

1. If the device is not found in the APP, plug the power again three times and turn on the power or press the reset button for five seconds
2. If the device is not found on the mobile phone APP, please check whether the WIFI is on status
3. The product connection light belt is not bright. Please check whether the output end of the product input end is well connected and whether it is a 5-24 power supply

product size



product packaging

| White box size | Weight / set | Carton size | Weight / box (50 sets) |
|------------------|--------------|-------------|------------------------|
| L 116*W45*H 25mm | g | L *W *Hm m | kg |

Installation precautions

1. This product should be tested and installed by professional qualified personnel.
- 2, this product can not be waterproof, need to avoid the sun and rain, if installed outdoors, please use a waterproof box.
- 3, good heat dissipation conditions will prolong the service life of the LED controller, please install the product in a well-ventilated environment.
4. Please do not install such products in lightning, strong magnetic field or high voltage occasions.
5. Please check whether the output voltage of the used LED power supply meets the product voltage range requirements.
6. The diameter of the wire used must be able to load enough to connect the LED lamps, and ensure that the wiring is firm, so as to avoid overheating or bad contact triggered accident.
7. Before power commissioning, ensure that all wiring should be correct to avoid damage to the lamps due to wiring errors.

after-sale service

1. Our LED controller products provide lifetime technical support and warranty services:

Free warranty: This product will have free maintenance or replacement service within one year after purchase; our company will have any quality problems.

Paid warranty: the products beyond the free warranty period will be charged a certain cost of maintenance materials.

2. The following conditions are not covered by the free warranty or replacement services:

Artificial damage caused by excessive voltage, overload and improper operation.

Any wrong wiring, water flooding (non-waterproof products) and unauthorized repair.

Any serious damage or, deformation of the shape due to transportation, knocking.

The product shape is seriously damaged or deformed.

Damage caused by natural disasters and force majeure, such as earthquake, flood, fire, etc.

3. The company's maximum responsibility for the factory products is to replace the same model and quantity of products.
4. In order to speed up the time of maintenance or replacement, repair the products, please indicate the fault phenomenon, use environment and the operation done when the fault occurs, so as to ensure that the maintenance situation is handled quickly.