














Manual Instruction

Zigbee 3.0 LED Controller Series
SKU:6221/6222/6223/6224/6225

Please read the the instructions carefully before using controller.

1. Features

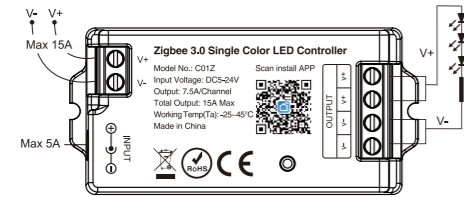
-  16 Millions of colors to choose
-  Color temperature 2700~6500K
-  Dim brightness / Saturation
-  Support music rhythm
-  Tap-to-Run & automation
-  Auto-transmitting & Synchronization
-  Link/Unlink/Reset Button on the control
-  Zigbee wireless control
-  Smart phone APP control
-  Support third party voice control
-  Device sharing
-  Group control
-  Work with Philip Hue Bridge

2. Parameters

Zigbee 3.0 Single Color LED Controller

Model No.:C01Z
Input Voltage: DC5-24V(5.5*2.1mm)
Output: 7.5A/Channel; Total 15A Max
Working Temperature(Ta): -25~45°C
Support: Zigbee 3.0 Standard protocol
Size:74.5*35.6*16.5mm
Control Distance:30M

Connection Diagram:
Input Voltage=Output Voltage

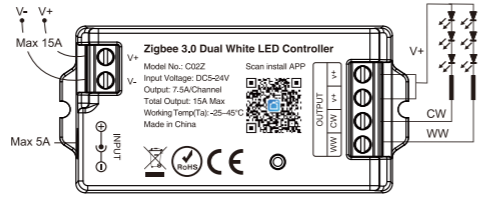


Zigbee 3.0 Dual White LED Controller

Model No.:C02Z
Input Voltage: DC5-24V(5.5*2.1mm)
Output: 7.5A/Channel; Total 15A Max
Working Temperature(Ta): -25~45°C
Support: Zigbee 3.0 Standard protocol
Size:74.5*35.6*16.5mm
Control Distance:30M

Connection Diagram:

Input Voltage=Output Voltage

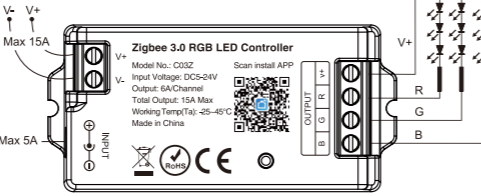


Zigbee 3.0 RGB LED Controller

Model No.:C03Z
Input Voltage: DC5-24V(5.5*2.1mm)
Output: 6A/Channel; Total 15A Max
Working Temperature(Ta): -25~45°C
Support: Zigbee 3.0 Standard protocol
Size:74.5*35.6*16.5mm
Control Distance:30M

Connection Diagram:

Input Voltage=Output Voltage

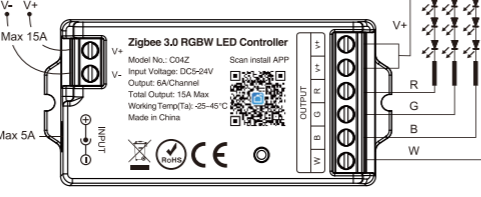


Zigbee 3.0 RGBW LED Controller

Model No.:C04Z
Input Voltage: DC5-24V(5.5*2.1mm)
Output: 6A/Channel; Total 15A Max
Working Temperature(Ta): -25~45°C
Support: Zigbee 3.0 Standard protocol
Size:74.5*35.6*16.5mm
Control Distance:30M

Connection Diagram:

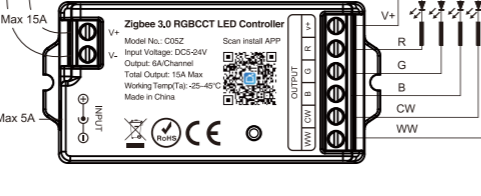
Input Voltage=Output Voltage



Zigbee 3.0 RGB CCT LED Controller

Model No.:C05Z
Input Voltage: DC5-24V(5.5*2.1mm)
Output: 6A/Channel; Total 15A Max
Working Temperature(Ta): -25~45°C
Support: Zigbee 3.0 Standard protocol
Size:74.5*35.6*16.5mm
Control Distance:30M

Connection Diagram:



Zigbee 3.0 APP Control Instruction

1. Download and install [Tuya Smart] APP or [Smart Life] APP

Search for [Smart Life] in Apple or Google store or scan following QR code to download and install the app.

Please click "Register" button to create account while using it in the first time, Log in directly if you already had account.



2. Connect to Smartphone

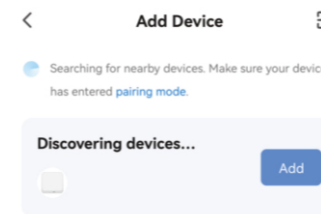
You must link the Tuya Zigbee 3.0 Gateway first to the smartphone, then add the zigbee controller to zigbee gateway for smartphone control.

- How to connect zigbee gateway to smartphone. (Note: All Tuya Zigbee 3.0 gateway in market can works on our Zigbee controller; Here we use our wireless Zigbee 3.0 gateway for example).

First, Power the zigbee gateway, and long press the "SET" button until the red indicating lamp blinking.



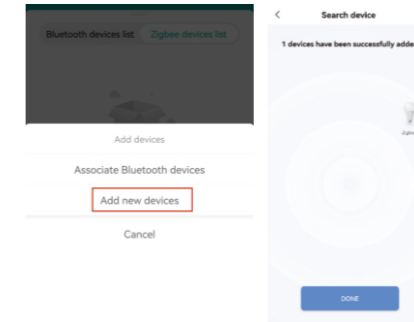
Second, when the red indicating lamp blink, open the Smart Life APP, and press "Add Device". It will discover the new device automatically, then Press "Add" to complete the linking.



- Add the Zigbee controller to the linked zigbee gateway.

First, Power the controller, Short press on "SET" button for 4 times on the controller or switch ON-OFF the power 4 times (ON-OFF-ON-OFF-ON-OFF-ON), when the white light blink 10-15 seconds slowly means the controller come into smart link mode. (Note: Note: when the controller on the smart link mode, please finish the linking within 3 minutes, after 3 minutes, the controller will stop smart link mode, you need to do the above steps again).

Second, Press "Add new devices" on the APP, it will automatically find the zigbee device, then complete the linking. Added device will be displayed on the homepage after added successfully, then Click device you want to control to enter the control interface.



Note: Note: Our Zigbee 3.0 controller also works on Philips Hue Bridge and Samsung Smartthings gateway for smartphone controlling. Please read the Manual instruction of Hue Bridge or Smartthings Bridge if you want to control the device via Hue APP or Smartthings APP.

Attention

- Please check whether the input voltage of the constant voltage power supply is in accordance with the controller, and please check the connection of both the cathode and anode.
- The working Voltage is DC5~24V, the controller will be broken if the voltage is higher than 24V.
- Non-professional user cannot dismantle the controller directly, otherwise, it may cause fire and electric shock.
- The working temperature (Ta) is -25~45°C; Do not use the device to direct sunlight, moist and other high temperature area.
- Please do not use controller around the mental area and high magnetic field, otherwise, it will badly affect the control distance.
- When the device load to 15A, wire diameter must be over 1.5mm².
- When the device load over 10A, the connecting cable must be shorter than 40cm long from DC port to LED strip.



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