

# LTECH

## Wireless Module

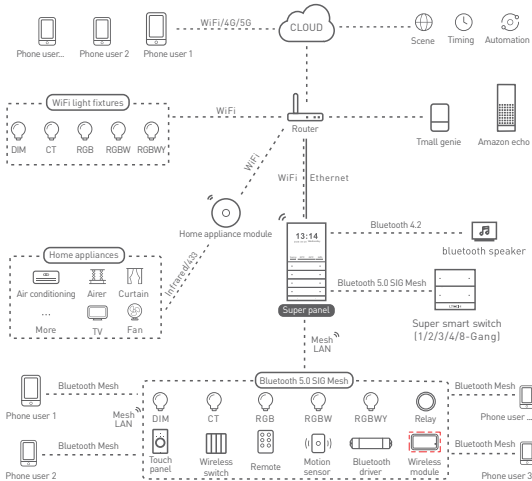
Model: CG-TRIG



Manual

[www.ltech-led.com](http://www.ltech-led.com)

# Application Diagram



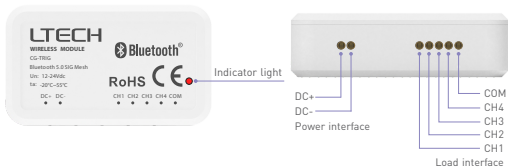
## Product Features

- Small size and light weight. The housing is made from SAMSUNG/COVESTRO's V0 flame retardant PC materials.
- Bluetooth 5.0 SIG Mesh with high networking capacity is reliable and stable.
- 4 output channels, 15 output combinations (15 scenes) in total.
- Wide input voltage range, anti-reverse protection.
- Controlled by third-party smart devices as well.
- Provide multiple status options to meet high-level dimming requirements for different occasions.
- Control it on iOS or Android devices via Bluetooth.
- Support online upgrade. With ultra-low power consumption, it can be continuously powered on and off to reset it to factory defaults.
- Work with Super Panel to achieve voice control, cloud scenes and automation.

## Technical Specs

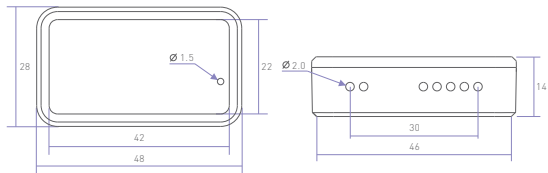
Model	CG-TRIG
Wireless Protocol Type	Bluetooth 5.0 SIG Mesh
Output Channel	4CH
Input Voltage	12~24Vdc
Working Temperature	-20°C~55°C
Product Size[L×W×H]	48×28×14[mm]
Package Size[L×W×H]	52.5×40×30[mm]
Weight [G.W.]	14g

## Product Images



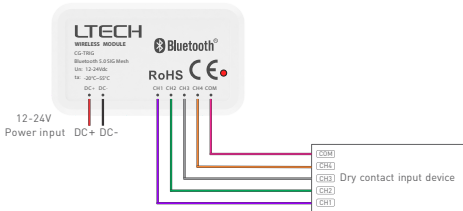
## Product Size

Unit: mm

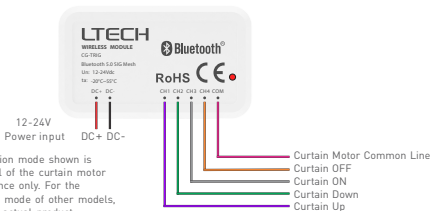


# Wiring Diagram

Connect to a controller

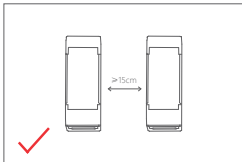
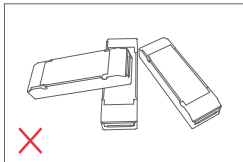


Connect to a curtain motor

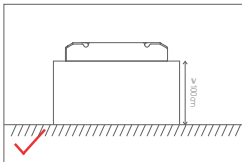
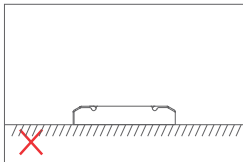


Note: This connection mode shown is for a certain model of the curtain motor and it is for reference only. For the specific connection mode of other models, please refer to the actual product.

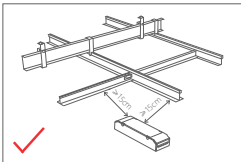
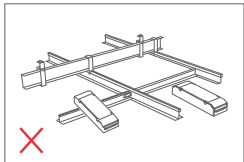
## Installation Precautions



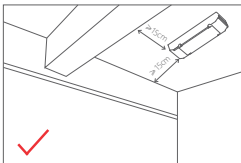
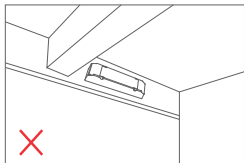
Please do not stack the products. The distance between two products should be  $\geq 15\text{cm}$  so as not to affect heat dissipation and the lifespan of the products.



Please do not place the products on the floor. The distance between the product and the floor should be  $\geq 100\text{cm}$  so as to avoid signal interference.



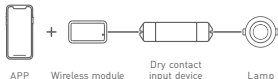
Please do not place the products near a large area of metal objects (such as metal stud ceilings). The distance between the product and the metal object should be  $\geq 15\text{cm}$  so as to avoid signal interference.



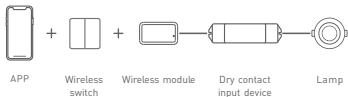
Please do not install the products on beams or near the corners. The distance between the product and the beam or the corner should be  $\geq 15\text{cm}$  so as to avoid signal interference.

# Recommended Applications

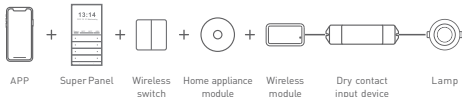
## 1. Wireless control.



## 2. Both App and remote can control the wireless module after connecting the remote to wireless module via App.



## 3. Visual control + remote control of traditional panels.



## 4. More applications of intelligent control are waiting for you to set up.



# App Operating Instructions

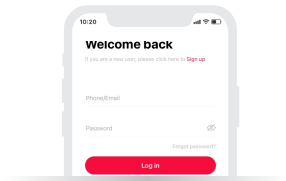
## 1. Register an account

1.1 Scan the QR code below with you mobile phone and follow the prompts to complete the app installation.



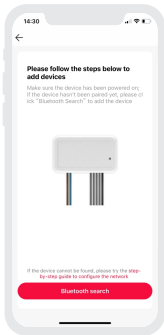
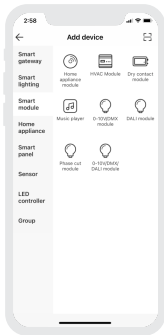
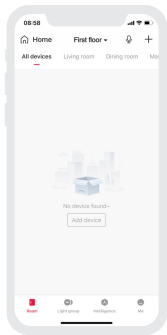
Scan and download the App

1.2 Open the App and log in or register an account.



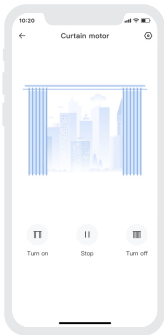
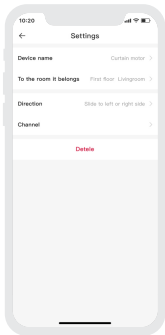
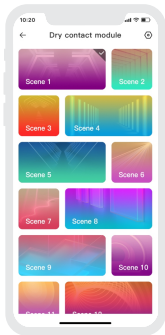
## 2. Pairing instructions

Create a home if you are a new user. Click “+” icon in the upper right corner and access the “Add device” list. Follow the prompts to add the Bluetooth wireless module first, then select “Dry contact module” from the device list. Follow the prompts to power on the device first and make sure the device is not connected to the network, then click “Bluetooth search”. Follow the prompts to add the device and select the device type (Scene/Curtain), then click “Save”.



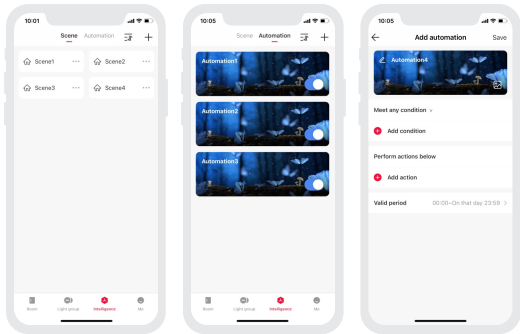
### 3.Control interface settings

When you select "Scene" in "Device Type", click the Bluetooth wireless module you add to access the control interface. The scenes of the Bluetooth wireless module will be displayed. With one tap, you can execute multiple scenes (15 scenes in total). When you select "Curtain" in "Device Type", click the curtain icon you add to access the control interface. Click "Settings" in the upper right corner of the control interface, you can change the direction for opening and closing the curtain (From left to right or top to bottom or vice versa) and channel settings.



## 4. Advanced functions

This product can be linked up with a gateway device (such as Super Panel) to achieve advanced functions, such as cloud scenes, automation.



## FAQs

### 1. What should I do if I fail to search the device via APP?

Please check below:

- 1.1 Please make sure the device is powered on normally and is in the activated state.
- 1.2 Please keep you mobile phone and device as close as possible.The recommended distance between them is no more than 15 meters.
- 1.3 Please make sure the device hasn't been added yet.If it has,please reset the device to factory defaults manually.

### 2. Howto reset the device to factory defaults?

Turn the Bluetooth wireless module off with the switch. After 5s,turn it on.After 2s, turn it off again.Repeat the same operation 6 times.When the lamp flashes 5 times , reset it to factory defaults successfully.

## Attentions

- Products shall be installed by qualified professionals.
- LTECH products are non-waterproof (special models excepted).Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- Good heat dissipation will extend the working life of products. Please ensure good ventilation.
- Please check if the working voltage used complies with the parameter requirements of products.
- The diameter of wire used must be able to load the light fixtures you connect and ensure the firm wiring.
- Before you power on products, please make sure all the wiring is correct in case of incorrect connection that causes damage to light fixtures.
- If a fault occurs, please do not attempt to fix products by yourself. If you have any question, please contact your suppliers.

\* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

# Warranty Agreement

Warranty periods from the date of delivery : 2 years.

Free repair or replacement services for quality problems are provided within warranty periods.

## **Warranty exclusions below:**

- Beyond warranty periods.
  - Any artificial damage caused by high voltage, overload, or improper operations.
  - Products with severe physical damage.
  - Damage caused by natural disasters and force majeure.
  - Warranty labels and barcodes have been damaged.
  - No any contract signed by LTECH.
1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
  2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.