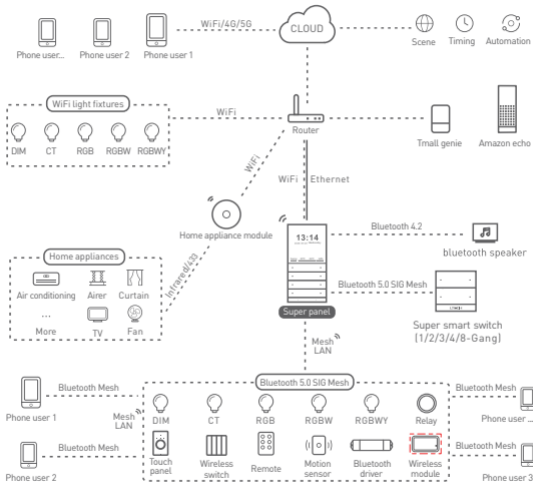




# Application Diagram



## 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

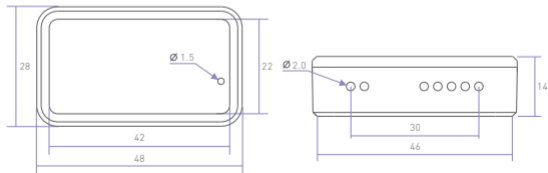
Model	CG-TRIG
Wireless Protocol Type	Bluetooth 5.0 SIG Mesh
Output Channel	4CH
Input Voltage	12~24Vdc
Working Temperature	-20°C~55°C
Product Size[L×W×H]	48×28×14[mm]
Package Size[L×W×H]	52.5×40×30[mm]
Weight [G.W.]	14g

# Product Images



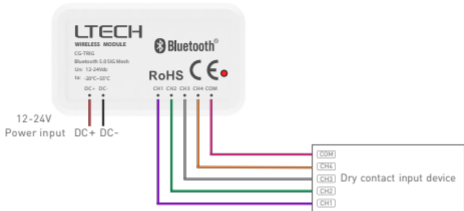
# Product Size

Unit: mm

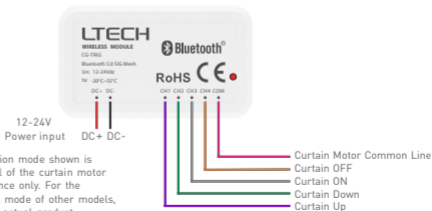


# Wiring Diagram

Connect to a controller

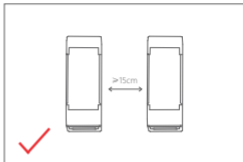
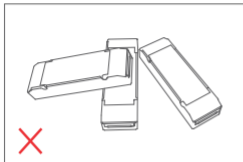


Connect to a curtain motor

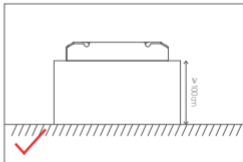
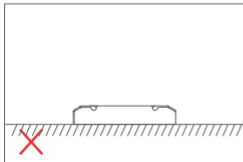


Note: This connection mode shown is for a certain model of the curtain motor and it is for reference only. For the specific connection mode of other models, please refer to the actual product.

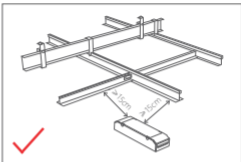
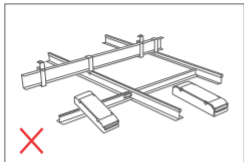
## Installation Precautions



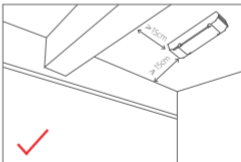
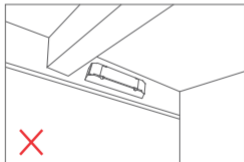
Please do not stack the products. The distance between two products should be  $\geq 15\text{cm}$  so as not to affect heat dissipation and the lifespan of the products.



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.



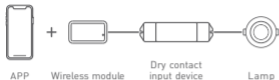
Please do not place the products near a large area of metal objects (such as metal stud ceilings). The distance between the product and the metal object should be  $\geq 15\text{cm}$  so as to avoid signal interference.



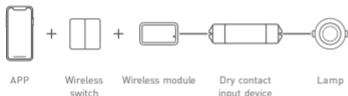
Please do not install the products on beams or near the corners. The distance between the product and the beam or the corner should be  $\geq 15\text{cm}$  so as to avoid signal interference.

# 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

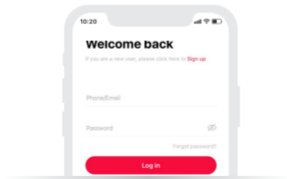
## 1. Register an account

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



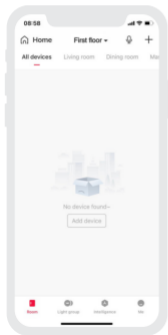
Scan and download the App

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



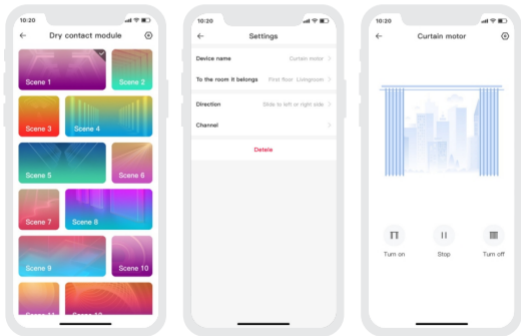
## 2. Pairing instructions

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”.



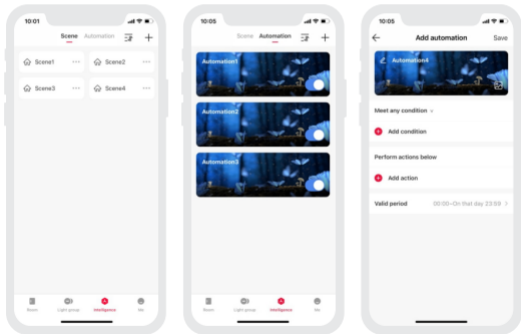
### 3.Control interface settings

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. How to 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.

# LTECH

## 蓝牙无线模组

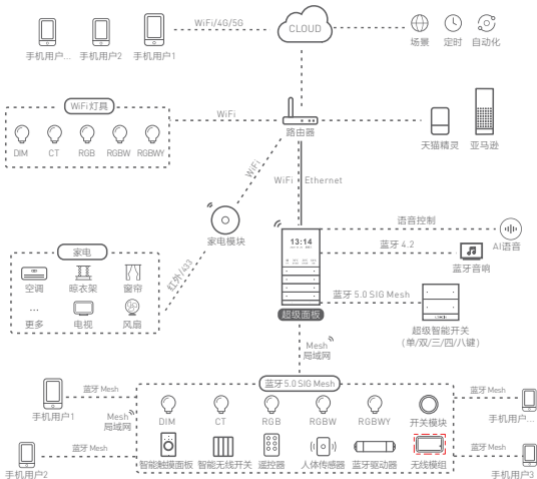
型号: CG-TRIG



### 使用说明书

[www.ltech.cn](http://www.ltech.cn)

# 系统图





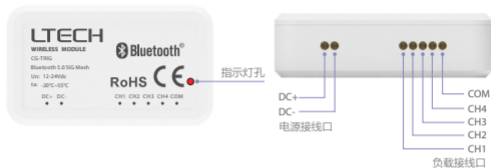
## 产品介绍

- 体积小、重量轻，外壳采用科思创/三星PC阻燃V0级原料；
- Bluetooth 5.0 SIG Mesh 通信协议，组网能力强，可靠稳定；
- 输出4通道共15个逻辑输出控制；
- 宽输入电压设计，防反接保护；
- 可实现第三方智能设备控制；
- 提供多项上电状态设置，满足各种高要求调光场合；
- 支持IOS和安卓智能设备蓝牙直连控制；
- 支持在线升级功能，具有超低功耗功能，可连续断上电恢复出厂设置；
- 可搭配超级面板实现语音控制、云场景、云自动化控制。

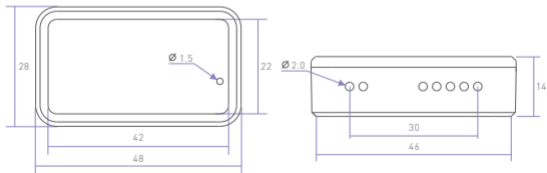
## 技术参数

型号	CG-TRIG
无线类型	Bluetooth 5.0 SIG Mesh
接点通道	4CH
输入电压	12~24Vdc
工作温度	-20°C~55°C
产品尺寸	L48×W28×H14(mm)
包装尺寸	L52.5×W40×H30(mm)
重量(毛重)	14g

# 产品图示

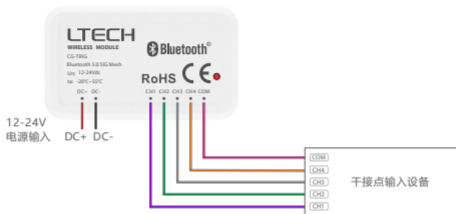


# 产品尺寸 单位: mm

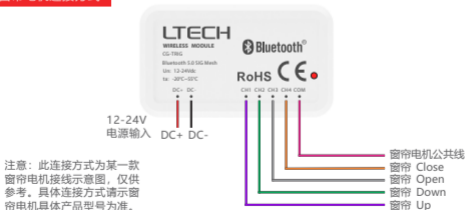


# 连线图

## 控制器连接方式

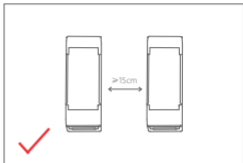
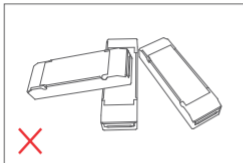


## 窗帘电机连接方式

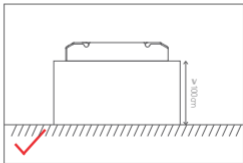
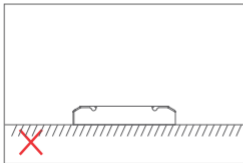


注意：此连接方式为某一款窗帘电机接线示意图，仅供参考。具体连接方式请示窗帘电机具体产品型号为准。

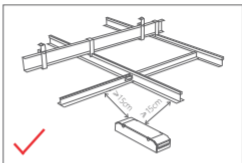
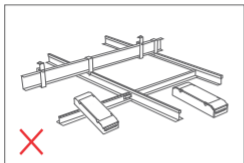
## 安装注意事项



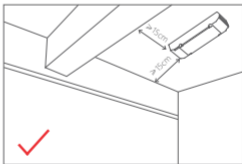
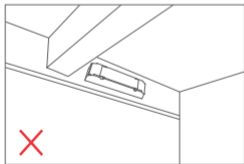
请勿将产品推叠摆放，产品与产品间隔距离应 $\geq 15\text{cm}$ ，避免影响产品散热和使用寿命。



请勿将产品放置地面，与地面间隔距离应 $\geq 100\text{cm}$ ，以免信号干扰影响使用。



请勿将产品大面积接触金属物体（如：龙骨架），间隔距离应 $\geq 15\text{cm}$ ，以免信号干扰影响使用。



请勿将产品安装在横梁、墙角等位置，间隔距离应 $\geq 15\text{cm}$ ，以免信号干扰影响使用。

## 应用组合

### 1.无线控制灯具。



### 2.通过APP设置遥控关联蓝牙无线模组后，可实现APP与遥控两种控制方式控制设备。



### 3.可视化控制+传统调光面板遥控控制。



### 4....智能控制，更多应用搭配等您来设置。

# APP操作说明

## 1. 账号注册

1.1 通过手机扫描下方二维码，按提示完成APP安装。



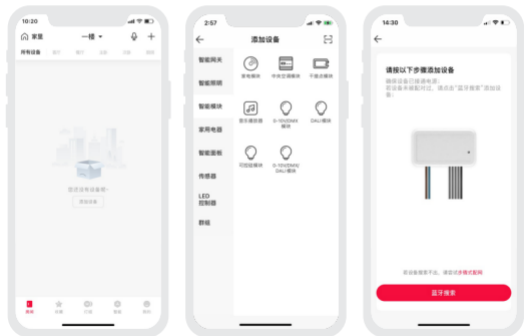
扫码下载APP

1.2 打开APP进行登录/注册操作。



## 2. 配对操作

新用户创建家庭后，点击右上角“+”进入添加设备列表，先将蓝牙无线模组按照提示添加完成后，在添加设备列表选择“干接点模块”后，按照界面提示，先将设备接通电源，确保设备处于未入网状态，然后点击“蓝牙搜索”后，按照提示完成添加设备，选择设备类型（场景/窗帘）后保存即可。





### 3. 控制界面设置

当设备类型选择的是场景时，点击已添加的蓝牙无线模组进入控制界面，则显示蓝牙无线模组场景，点击即可一键执行多种场景(共15个场景)。

当设备类型选择的是窗帘时，点击已添加的窗帘卡片进入控制界面，即可一键执行开/关/暂停窗帘。点击控制界面右上角“设置”，可按需修改窗帘开合方向(左右运行或上下运行)及通道设置。



## 4. 高级功能

本产品可以通过与具有网关功能的设备联动（如超级面板），可实现云场景、自动化等高级功能。



## 常见问题

### 1. 设备一直搜索不到怎么办？

请检查以下选项：

- 1.1 确保设备正常通电状态；
- 1.2 确保手机与设备两者尽量靠近，建议不超过15米；
- 1.3 确保设备未被添加过，如被添加过，请手动恢复出厂。

### 2. 如何恢复出厂？

使用开关让蓝牙无线模组连续通断电6次（每次断电时间5秒，通电2秒），第六次通电2秒，指示灯闪烁5次，即表示蓝牙无线模组已恢复到出厂设置状态。

## 注意事项

- 本产品请由具有专业资格的人员进行调试安装；
- 本产品(专有型号除外)不能防水，需避免日晒雨淋。如安装在户外，请使用防水箱；
- 良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境；
- 安装时，避免靠近大面积金属物体，或堆叠摆放，以免信号干扰影响使用；
- 避免安装在雷区、强磁场和高压区域；
- 请检查使用的工作电压是否符合产品的参数要求；
- 通电调试前，确保所有接线正确且牢固，以免短路损坏部件，触发事故；
- 如果发生故障，请勿私自维修；如果有疑问，请联系供应商。

\* 本说明书的内容如有变更，恕不另行通知。若内容与您使用的功能有所不同，则以实物为准。  
如有疑问，欢迎向我司授权的经销商咨询。

## 保修条例

- 自出厂之日起保修服务期为2年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

### 非保修条例：

#### 属下列情况不在免费保修或更换服务范围之内：

- 已经超出保修期限的；
  - 过高电压、超负载、操作不当等人为造成的损坏；
  - 产品外形严重损坏或变形；
  - 自然灾害以及人力不可抗拒原因造成的损坏；
  - 产品保修标签和产品唯一条形码损坏。
  - 无雷特签订的合同或发票凭证。
1. 修理或更换是雷特对客户的最唯一补救措施。雷特不承担任何附带引起的损害赔偿  
责任，除非在适用法律范围之内。
  2. 雷特享有修正或调整本保修条款的权利，并以书面形式发布为准。