

# Xiaolei

## Super Smart Link Module

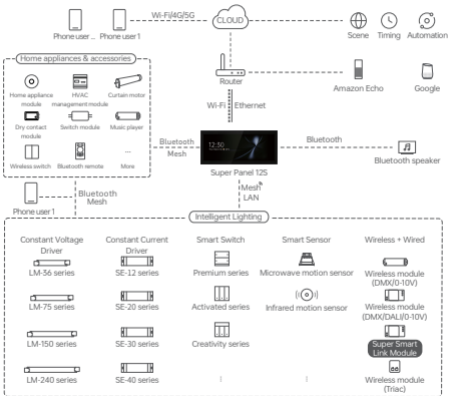
Model: CG-LINK



Manual

[www.xiaolei.com.cn](http://www.xiaolei.com.cn)

# System 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 provides reliable and stable performance.
- Ultra-high compatibility, can be integrated into third-party 485 control systems to expand product flexibility;
- Diversified control, support our smart home system to connect to third-party systems;
- Can record third-party 485 system commands, no input docking, convenient and efficient;
- Support local scenes, network shutdown, controllable network disconnection, faster and more stable;
- Support OTA online upgrade function, with ultra-low power consumption function, can continuously power on and off to restore factory settings;
- Independent isolation circuit, strong signal anti-interference ability, safe and stable;
- It can be used with smart gateways to realize rich cloud scenarios, cloud automation, and local automation control.

## Technical Specs

Model	CG-LINK
Communication Type	Bluetooth 5.0 SIG Mesh, RS485
Operating Voltage	100-240V~
485 Interface	isolated
Wireless Frequency	2.4GHz
Baud Rate	1200-115200bps
Working Temperature	-20°C~55°C
Product Size	L84×W35×H23(mm)
Package Size	L100×W70×H42(mm)

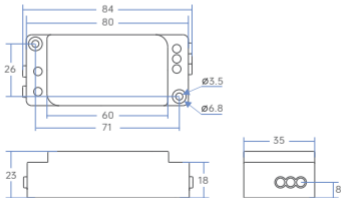


## Product Image



## Product size

Unit: mm



## Connection application diagram

### Third Party 485-LTECH Bluetooth Smart Home System



### L-TECH Bluetooth Smart Home System-Third Party System



## Recommended Applications

1. Our equipment controls third-party equipment.



2. The third-party 485 system controls our equipment.



3. The third-party 485 system controls our scene.



4. Automation: Combined with intelligent gateway, it can realize rich automation control.



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

# App Operating Instructions

## 1. Account Registration

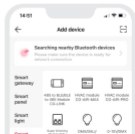
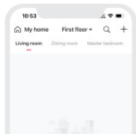
Scan the QR code below with your mobile phone, follow the prompts to complete the APP installation, and then log in/register.



Scan the QR code to download the APP

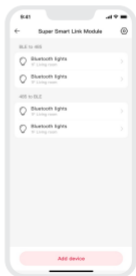
## 2. Pairing operation

After the new user creates a family on the APP, click "+" in the upper right corner of the **【Room】** interface to add it. Select "Smart Module" - "Super Smart Connection Module" in the add device list, and follow the prompts on the interface to complete the addition.



### 3. Add a device

Select the "Super Smart Link Module" card in the room interface, and follow the prompts to select "Custom Bluetooth to 485 Device" and Add the command "Customize 485 to Bluetooth device" and click "Save".



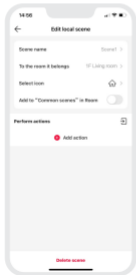
## 4. Scenario

Local scene:

Select "Local scene" in the **[Smart]** interface, and click "+" to create a local scene. Click Add action and select the corresponding device type action.

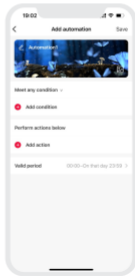
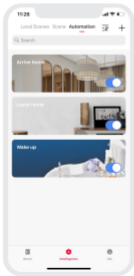
Cloud scene:

Make sure that a smart gateway has been added to the home, such as Super Panel 12S. Select "Cloud scene" in the **[Smart]** interface, and click "+" to create a cloud scene. Click Add action and select the corresponding device type action.



## 5. Automation

Make sure that a smart gateway, such as Super Panel 12S, has been added to your home. Select **[Automation]** in the "Smart" interface and click "+" to create automation. Set trigger conditions and execute actions. When the set trigger conditions are met, a series of device actions are automatically triggered to achieve remote linkage.



## 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 your 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 log in and out of the network?

2.1 Exit the network: Use the power switch to turn it on and off 6 times in a row (off for 5 seconds and on for 2 seconds each time).

2.2 Buzzer: Power on: one beep; Network access successful: one long beep; Network exit successful: three beeps;

## Attentions

- Products shall be installed by qualified professionals.
- LTECH products are and not lightningproof non-waterproof (special models excepted). Please avoid the sun and rain. When installed outdoors, please ensure they are mounted in a water proof enclosure or in an area equipped with lightning protection devices.
- 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.

# Xiaolei

## 超级智联模块

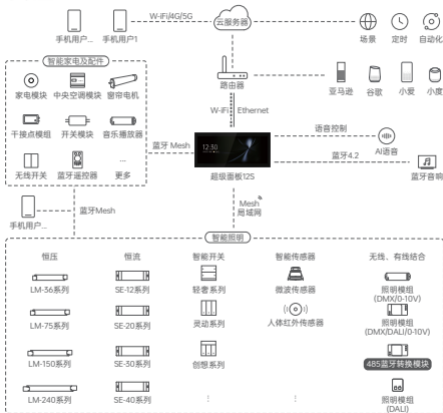
型号: CG-LINK



### 使用说明书

[www.xiaolei.cn](http://www.xiaolei.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；
- 超高兼容性，可融入第三方485控制系统，扩展产品灵活性；
- 多样化控制，支持我司智能家居系统接入第三方系统；
- 可录制第三方485系统指令，免输入对接，便捷高效；
- 支持本地场景，去网关，断网可控，更快更稳定；
- 支持OTA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；
- 独立隔离电路，信号抗干扰能力强，安全稳定
- 可搭配智能网关实现丰富的云场景、云自动化、本地自动化控制。

## 技术参数

产品型号	CG-LINK
通信类型	Bluetooth 5.0 SIG Mesh, RS485
工作电压	100-240V~
485接口	isolated
无线频率	2.4GHz
波特率	1200-115200bps
工作温度	-20°C~55°C
产品尺寸	L84×W35×H23(mm)
包装尺寸	L100×W70×H42(mm)



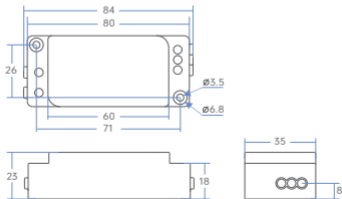
RoHS

## 产品图示



## 产品尺寸

单位: mm



## 连接应用图

### 第三方485-雷特蓝牙智能家居系统方式



### 雷特蓝牙智能家居系统-第三方系统



1. 我司设备控制第三方设备。



2. 第三方485系统控制我司设备。



3. 第三方485系统控制我司场景。



4. 自动化: 搭配智能网关实现丰富的自动化控制。



5. ...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

通过手机扫描下方二维码，按提示完成APP安装后即可进行登录/注册操作。



扫码下载APP

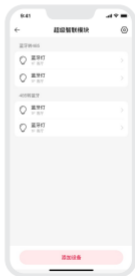
## 2. 配对操作

新用户 在APP上创建家庭后，在【房间】界面点击右上角“+”进行添加，在添加设备列表中选择“智能模块”-“超级智联模块”后，按照界面提示完成添加即可。



### 3. 添加设备

在房间界面选择“超级智联模块”卡片，按照界面提示可选择“自定义蓝牙转485设备”和“自定义485转蓝牙设备”添加指令，点击“保存”即可。



## 4. 场景

本地场景：

在【智能】界面中选择“本地场景”，点击“+”创建本地场景。点击添加动作，选择对应设备类型动作即可。

云场景：

确保家庭内已添加智能网关，如超级面板板12S。

在【智能】界面中选择“云场景”，点击“+”创建云场景。点击添加动作，选择对应设备类型动作设备类型动作即可。



## 5. 自动化

确保家庭内已添加智能网关，如超级面板板12S。

在“智能”界面中选择【自动化】，点击【+】创建自动化。设置触发条件及执行动作，当满足已设置的触发条件时，自动触发一系列设备动作，实现远程联动。



## 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. 如何入网与退网？

- 2.1退网：使用电源开关连续开关6次(每次关5秒开2秒)。
- 2.2蜂鸣器：上电：“滴”一声；入网成功：长“滴”一声；退网成功：“滴”三声；

## 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)不能防水防雷，需避免日晒雨淋。如安装在户外，请使用防水箱和防雷装置；
  - 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科技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；
- 无雷特科技签订的合同或发票凭证。

1. 修理或更换是雷特科技对客户的最唯一补救措施。雷特科技不承担任何附带引起的损害赔偿，除非在适用法律范围之内。
2. 雷特科技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。