

# Xiaolei

## Super Smart Control Module

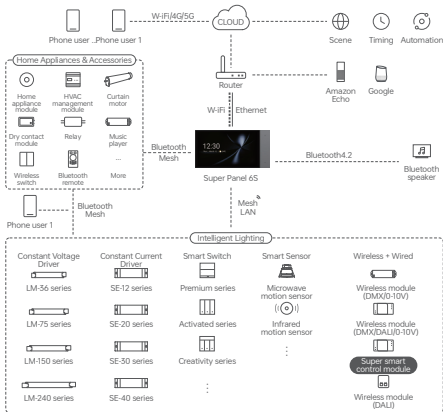
Model: RS8



Manual

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

# System Diagram



# Product Introduction

The Super Intelligent Control Module RS8 is a control module for 485 curtain motors. It integrates the protocols of 485 curtain motors from leading brands in the market, enabling quick and convenient integration of 485 curtain motors from third-party brands into the LTECH Smart Home System. It supports various types of motors such as dream curtains, sliding curtains, and roller blinds, and enables single control, group control, remote control, and timing control. When paired with a smart gateway, it can be linked with other smart devices to create more intelligent living scenarios and enhance the user's quality of life.

- \* Supported motor types: Roller blinds, sliding curtains, dream curtains.  
Supported brands: Vistar, Aoke, Bofu, Chuangming, Lewu, Dooya, etc.

## Technical Specs

|                     |                                         |
|---------------------|-----------------------------------------|
| Model               | RS8                                     |
| Communication Types | Bluetooth 5.0 SIG Mesh, RS485(Isolated) |
| Operating Voltage   | 100-240V~                               |
| Wireless Frequency  | 2.4GHz                                  |
| Baud Rate           | 1200-115200bps                          |
| Working Temperature | -20°C~55°C                              |
| Dimensions          | L84×W35×H23(mm)                         |
| Package Size        | L100×W70×H42(mm)                        |

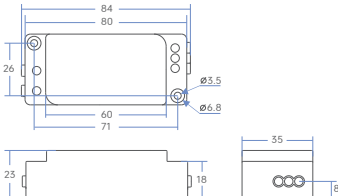


## Product Overview



### Product Size

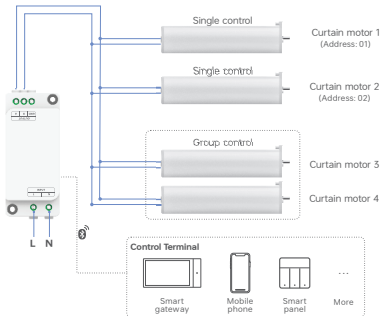
Unit: mm



# Wiring Application

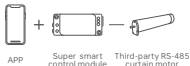
**Single control:** One or more RS-485 curtain motors can be connected. To achieve single control of the curtains, it is necessary to write an address for each motor.

**Group control:** One or more RS-485 curtain motors can be connected. There is no need to write an address. When the motors receive the group control instructions, they will perform the same action.

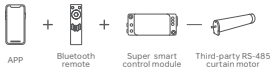


# Recommended Applications

1. Control the curtains wirelessly.



2. After setting up the association between the Bluetooth remote control and the Super Smart Control Module through the APP, you can control the curtains in two ways: via the APP and the remote control.



3. It supports local scenarios. It can be controlled even without a gateway or when the network is disconnected.



4. When paired with a smart gateway, it enables visual control, and realizes the linkage of cloud scenarios, cloud automation, and local automation.



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

# App Operating Instructions

## 1. Register an account

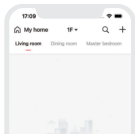
Scan the QR code below with your mobile phone. After completing the APP installation according to the prompts, you can proceed with the login/registration operation.



Scan the QR code to download the APP  
iOS/APK

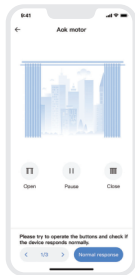
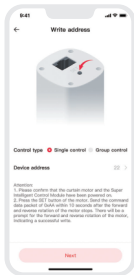
## 2. Pairing operation

After new users create a home on the APP, click the "+" in the upper right corner on the [Room] interface to add. Select "Smart module" - "Super smart control module" from the device addition list, and then complete the addition according to the interface prompts.



### 3. Add Curtains

Select the "Super smart control module" card on the room interface. Follow the prompts on the interface to select the curtain type and brand, and enter the address (required for single control, not required for group control) and perform other operations. Try to control the device and check whether it can respond normally. If the control fails, it is necessary to check whether the curtain is wrongly wired or whether the selected brand does not match the actual curtain.



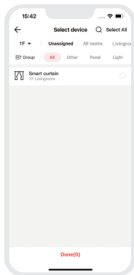
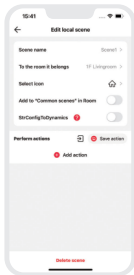
## 4. Scene

### Local Scene:

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

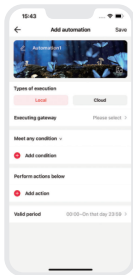
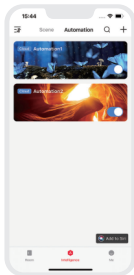
### Cloud Scene:

Ensure that a smart gateway has been added to the home, such as the Super Panel 6S. Select "Cloud Scene" in the [Smart] interface, and click the "+" sign to create a cloud scene. Click "Add Action" and select the action corresponding to the device type.



## 5. Automation

Ensure that a smart gateway has been added to the family, such as the Super Panel 6S. Select "Automation" in the [Smart] interface, and click the "+" sign to create an automation. You can choose the local/cloud execution method, and set the triggering conditions and execution actions. When the set triggering conditions are met, a series of device actions will be automatically triggered to achieve remote linkage.



# FAQs

## 1. What should I do if the device can't be found all the time?

Please check the following options:

1.1 Ensure that the device is properly powered on.

1.2 Ensure that the mobile phone and the device are as close to each other as possible.

It is recommended that the distance between them does not exceed 15 meters.

1.3 Ensure that the device has not been added before. If it has been added, please manually restore it to the factory settings.

## 2. How to restore to factory settings?

Make sure the device has been powered on. Continuously turn it on and off 6 times with a power switch (turn it off for 5s and turn it on for 2s). When the buzzer makes three beeps, it indicates that the device has been restored to the factory settings.

# Attentions

- Product installation and commissioning should be done by a qualified professional.
- LTECH products are not lightningproof or 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 prolong 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.

# Warranty Agreement

- Warranty periods from the date of manufacture: 2 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

Following conditions are not within the guarantee range of free repairing or replacement services:

- 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 or invoice 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. The warranty that issues in writing shall prevail.
- \* 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.

# Xiaolei

## 超级智控模块

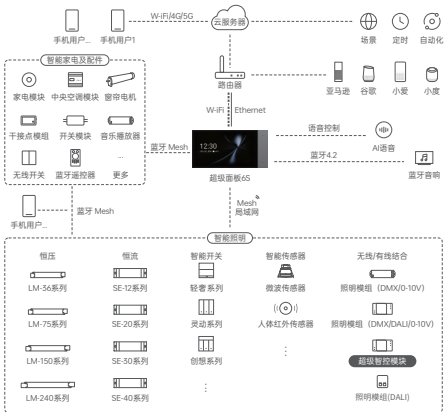
型号: RS8



使用说明书

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

# 系统图



## 产品介绍

超级智控模块RS8是一款485窗帘电机的控制模块，集成了市面上一线品牌的485窗帘电机协议，可以快速方便的把第三方品牌的485窗帘电机接入到雷特智能家居系统，支持梦幻帘、开合帘、卷帘等各类型电机，实现单控、群控、远程控制，定时控制。搭配智能网关与其它智能设备联动，实现更智能的生活场景，提升用户生活品质。

\*支持的电机类型：卷帘、开合帘、梦幻帘。

支持的品种：威仕达、奥科、博孚、创明、乐屋、杜亚等。

## 技术参数

|      |                                   |
|------|-----------------------------------|
| 产品型号 | RS8                               |
| 通信类型 | Bluetooth 5.0 SIG Mesh, RS485(隔离) |
| 工作电压 | 100-240V~                         |
| 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)                  |

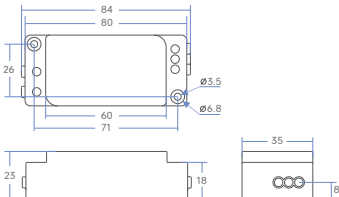


## 产品图示



## 产品尺寸

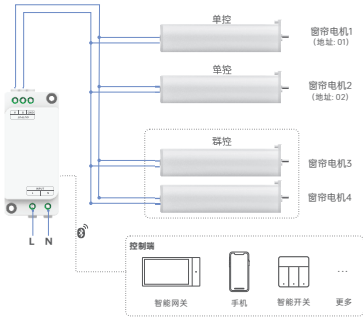
单位: mm



## 接线应用

单控：可以接1台或多台485窗帘电机，需要给每个电机写入地址即可实现窗帘单控。

群控：可以接1台或多台485窗帘电机，不需要写入地址，电机接收到群控指令时，执行相同的动作。



# 应用组合

## 1. 无线控制窗帘



## 2. 通过APP设置蓝牙遥控关联超级智控模块后，可实现APP与遥控两种方式控制窗帘。



## 3. 支持本地场景,去网关,断网可控。



## 4. 搭配智能网关,实现可视化控制,云场景、云自动化、本地自动化联动。



## 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  
iOS/APK

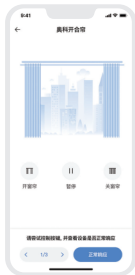
## 2. 配网操作

新用户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”-“超级智控模块”后，按照界面提示完成添加即可。



### 3. 添加窗帘

在房间界面选择“超级智控模块”卡片，按照界面提示进行选择窗帘类型和品牌，写入地址（单控需要，群控不需要）等操作，尝试控制设备，查看是否能正常响应；若控制失败，则需要检测窗帘是否接错线或是否选择的品牌与实际的窗帘不符。



## 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6S。

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6S。

在【智能】界面中选择“自动化”，点击“+”创建自动化。可选择本地/云端执行方式，以及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. 如何恢复出厂？

确保设备处于上电状态，使用电源开关连续开关6次（每次关5秒，开2秒），直到蜂鸣器“滴”三声后，即表示设备已恢复到出厂设置状态。

# 注意事项

- 请由具有专业资格的人员进行调试安装。
- 雷特产品（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。
- 请检查使用的工作电压是否符合产品的参数要求。
- 使用的电线直径大小必须能够负载连接的 LED 灯具，并确保接线牢固。
- 通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
- 如果发生故障，请勿私自维修；如果有疑问，请联系供应商。

# 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：

- 已经超出保修服务期；
- 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。

\* 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。