

# 多模工程(BLE+ZigBee)网关

产品使用说明书及三包卡

## 警告:

在属性环境中运行此设备可能会造成无线电干扰。



本标志内数字标识产品在正常使用状态下的环保使用期限为10年。某些部件也可能有环保使用期限标识，其环保使用年限以标识内的数字为准。

## 电子信息产品有毒有害物质申明

部件 名称	有毒有害物质或元素					
	铅 Pb	汞 Hg	镉 Cd	六价铬 Cr(VI)	多溴联苯 PBB	多溴二苯醚 PBDE
塑料件	<input type="radio"/>					
金属	<input type="radio"/>					
PCBA	<input type="radio"/>					

本表依据SJ/T11364-2014的规定编制。

○表示该有毒有害物质在该部件的所有均质材料中的含有一均在GB/T 26572-2011  
规定的限量要求以下;

×表示该有毒有害物质至少在该部件的某一均质材料中的含量超过在GB/T  
26572-2011标准规定的限量要求。

## 保修政策

多模工程网关的售后服务严格依据《中华人民共和国消费者权益保护法》、《中华  
人民共和国产品质量法》实行售后三包服务，服务内容如下：

- 自您签收日起7日内，本产品出现产品性能故障，可免费享受退货或者换货服  
务；
- 自您签收日起8日-15日内，本产品出现产品性能故障，可免费享受换货或者维  
修服务；
- 自您签收日起12个月内，本产品出现产品性能故障，可免费享受维修服务。

## 多模工程网关三包凭证

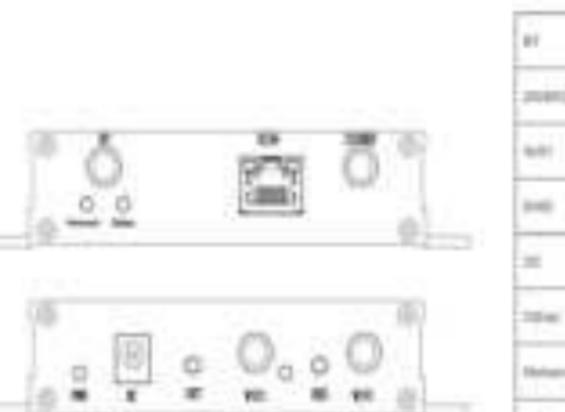
客户姓名	(先生/小姐)	联系电话
客户地址	序列号(SN)	
产品型号	购机日期	

## 多模工程网关三包凭证

客户姓名	(先生/小姐)	联系电话
客户地址	序列号(SN)	
产品型号	购机日期	

## 产品介绍

多模工程网关由一个采集模块和无线Wi-Fi模块、一个低功耗无线蓝牙模块、一个zigbee模块和一张主板组成，通过专用开发的App，用户可实现设备单机、设备配置、第三方控制和第三方数据采集，满足对数据采集的需求。



1	RJ45 antenna
2	USB antenna
3	Wi-Fi antenna
4	Bluetooth and zigbee antenna
5	Power connector
6	Emergency indicator
7	Network connection indicator
8	Power LED
9	Setting button
10	Reset button

## 使用说明

1. 运用扫描识别“魅智光控”或扫描下方二维码，下载安装App并开启服务；
2. 插入SIM卡，打开蓝牙功能，设备进入待配网状态；
3. 打开“魅智光控”App，按如下图示进行配网操作：

### 【王维联网】

4. 点击右上角“+”，待设备自动连接成功后添加“网关连接-王维网关（需配）”；
5. 长按右侧键，确认网关“Network”蓝牙连接，点击下一步；
6. App自动搜索到“多模工程网关”，点击设备右侧“√”；
7. 点入App的输入框内，点击下一步；
8. 将设备右侧颜色打勾“√”，点击下一步，点击完成：将设备分配到需要绑定的空间内，绑定完成。

### 【齐橙联网】

9. 长按右侧键，确认网关连接成功；
10. 点击右上角“+”，手动添加“网关连接-齐橙网关（Rj45）”；
11. 点击右侧键，确认网关“Network”蓝牙连接，点击下一步；
12. App自动搜索到“多模工程网关”，点击设备右侧“√”；
13. 将设备右侧颜色打勾“√”，点击下一步，点击完成：将设备分配到需要绑定的空间内，绑定完成。

### 【添加子设备】

短按SET键，网关当连接蓝牙搜索到以下zigbee子设备



● 魅智光控

## 产品规格

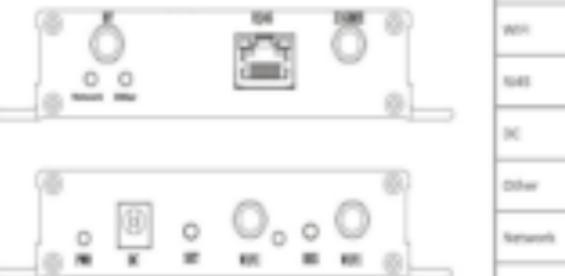
产品名称	多模工程网关
产品型号	LS11B
电源输入	DC12V~1A
工作湿度	-10℃~55℃
工作温度	10%~90RH(无冷凝)
无线协议	Wi-Fi 2.4G 蓝牙4.2、zigbee
产品尺寸	127*131.6*29.3mm
产品净重	约290g

## 包装清单

- 多模工程网关x1
- 产品说明书x1
- 外置天线x4
- 螺钉套x1
- 遥控器x1

## Product introduction

The multimode engineering gateway consists of a highly integrated wireless WiFi, a module, a low-energy wireless Bluetooth module, a Zigbee module, and a motherboard. Through the Joli Light Control App, users can realize device addition, device reset, third-party control and Bluetooth group control to meet the needs of intelligent scenes.



BLF	BLF antenna
ZGATE	ZGATE antenna
WIFI	WIFI antenna
RS485	Network port terminals
RS232	Power connector
Other	OBIGate Indicator
Network	Distribution network indicator
PWR	Power LED
SET	Settings button
RES	Reset button

## Instructions for use

- Search for "Light+Space" in the app store or scan the QR code below, download and install the App and register an account;
- Wait for 30s on the device until the blue light flashes and the device enters the state of the network to be distributed;
- Open the "Light+Space" App and follow the following prompts for network distribution operations:

### Wireless Pairing 1

- Click "+" in the upper right corner to be automatically discovered by the device or manually add "Gateways and Others - Wireless Gateway (Bluetooth)";
- Press and hold the RES key 5s, confirm that the gateway "Network" blue light flashes, and click Next;
- The App automatically searches for "Multimode Engineering Gateway", click "+" on the right side of the device name;
- Enter your WiFi account and password, and click Next;
- The right side of the device name displays a green "√", click Next, click Finish, assign the device to the space you specified, and the binding is completed.

### Wired Pairing 2

- Use the network cable to connect the gateway to the router to ensure that the mobile phone WiFi and the gateway are in the same LAN;
- Click "+" in the upper right corner to manually add "Gateways & Others - Wired Gateways (Zigbee)";
- Press and hold the RES-key 5s, confirm that the gateway "Network" blue light flashes, and click Next;
- App automatically searches for "multimode engineering gateway", click "+" on the right side of the device name;
- The device automatically distributes the network operation, after completing the registration, the right side of the device name displays a green "√", click Next, click Finish, assign the device to the space you specified, and the binding is completed.

### [Add sub-device]

Press the SET key, and the gateway automatically binds searchable BLF or Zigbee sub-devices.



Light+Space

device status	Description of key operation and indicator light status
Inactive state power up	All lights stay on until the program is started, then go out, and the blue lights flash to enter the state of waiting for distribution network.
Pending distribution network	The blue light flashes rapidly (500ms/ time)
Distribution network success	The device is successfully connected to the network, and the blue light belt is always on for 5s, and then goes out; If the equipment is not connected successfully, it will always be in the state of waiting for distribution network.
Searched for but not connected to Wi-Fi	The blue light flashes rapidly (500ms/ time) until it is connected and goes out.
Active state Power off and power on again.	All lights stay on until the program starts and goes out, and the blue lights stay on for 5s and then go out after the equipment is successfully connected to the cloud.
Status reset has been activated.	Long press the RES button for 5s, and the blue light will be on for a long time, and it will flash quickly (500ms/ time) after the equipment starts up and enters the network to be distributed.
Add child device	Press the SET button briefly, the blue light flashes (1500ms/ time), and the device automatically adds sub-devices.

## Product specifications

Name	Multimode Engineering Gateway
Model	UX18
Power input	5V=2A
Operating temperature	-10°C~55°C
Operating humidity	10%~90%RH(No condensation)
Wireless protocol	2.4G WiFi
	BT4.2、ZigBee
Size	127*131.5*29.3mm
Net weight	280g

Packing list  
Equipment\*1  
Antenna\*4

Instructions\*1  
Adapter\*1  
Screw pack\*1

# Multimode Engineering(BLE+ZigBee) Gateway

Product instruction manual and three packs of cards

## WARNING:

Operation of this equipment in a residential environment could cause radio interference.

### Declaration of toxic and harmful substances in electronic information products

Part	Toxic and harmful substances or elements					
	Pb	Hg	Cd	Cr(VI)	BBB	PCDE
Plastics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Metal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
PCBA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

This table has been prepared in accordance with the provisions of SJ/T11309-2006.

: Indicates that the content of the toxic and harmful substance in all homogeneous materials of the part is below the limit requirements stipulated in GB/T26572-2011;

: Indicates that the toxic and harmful substances are at least contained in a homogeneous material of the component that meets the limit requirements specified in the GB/T26572-2011 standard.



The environmental protection period of the digital identification products in the normal use mode is included is 10 years, and some components may also have environmental protection service life limitation, and the environmental service life is subject to the number in the logo.

### Warranty Policy

The after-sales service of the multi-mode engineering gateway is strictly based on the "Law of the People's Republic of China on the Protection of Consumer Rights and Interests" and the "Product Quality Law of the People's Republic of China", and the after-sales three guarantee service is implemented, and the service content is as follows:

1. Within 7 days from the date of your signature, if the product has a product performance failure, you can enjoy the return or exchange service for free.
2. Within 8-33 days from the date of receipt, the product has a product performance failure, and you can enjoy free replacement or maintenance services.
3. Within 12 months from the date of receipt, the product has a product performance failure, and you can receive free maintenance services.

### Non-warranty regulations

1. Unauthorized repair, misuse, collision, negligence, abuse, liquid intake, accident, alteration, use of parts other than this product, or tearing or altering labels or security marks;
2. The validity period of the three pack has exceeded;
3. Damage caused by force majeure;
4. Other damage or failure caused by other problems such as design, technology, manufacturing, and quality of the product itself.

### Three-pack voucher

I

Name \_\_\_\_\_

TEL \_\_\_\_\_

I

Add \_\_\_\_\_

SN \_\_\_\_\_

I

Model \_\_\_\_\_

Date \_\_\_\_\_

### Three-pack voucher

I

Name \_\_\_\_\_

TEL \_\_\_\_\_

I

Add \_\_\_\_\_

SN \_\_\_\_\_

I

Model \_\_\_\_\_

Date \_\_\_\_\_

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