多模工程(BLE+ZigBee)网关

产品使用说明书及三包卡

警告:

在居住环境中,运行此设备可能会造成无线电干扰

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	○	○	○	○	○	○
金属	○	○	○	○	○	○
PCBA	○	○	○	○	○	○

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所有均质材料中的含量均在GB/T 26572-2011规定的限量要求以下;

X: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。

本标示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。

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

1、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;

2、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;

3、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。

非保修条例

1、未经授权的维修、误用、碰撞、疏忽、滥用、进液、事故、改动、使用非本产品配件，或撕毁、涂改标贴、防伪标记;

2、已超过三包有效期,

3、因不可抗力造成的损坏,

4、其它非产品本身设计、技术、制造、质量等问题而导致的损坏或故障。

凭证可沿此剪下

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

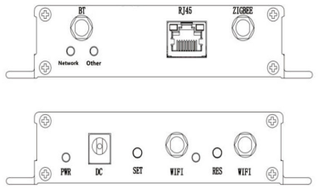
客户姓名_____(先生/小姐)　联系电话_____

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高集成度的无线WI-FI模块、一个低功耗无线蓝牙模块、一个Zigbee模块和一块主板构成。通过集智光控App，用户可实现设备添加、设备重置、第三方控制和蓝牙群组控制，满足智能场景的需求。



BT	BLE antenna
ZIGBEE	ZIGBEE antenna
WIFI	WIFI antenna
RJ45	Network port terminals
DC	Power connector
Other	Obligate indicator
Network	Distribution network indicator
PWR	Power LED
SET	Settings button
RES	Reset button

使用说明

1.在应用商店搜索“集智光控”或扫描下方二维码，下载安装App并注册账号；
2.设备上电等待30s，直至蓝灯闪烁，设备进入待配网状态；
3.打开“集智光控”App，按如下提示进行配网操作：

【无线配网】
a.点击右上角“+”，待设备自动发现或手动添加“网关及其他－无线网关（蓝牙）”；
b.长按RES键5s，确认网关“Network”蓝灯闪烁，点击下一步；
c.App自动搜索到“多模工程网关”，点击设备名右侧“+”；
d.输入WIFI账号及密码，点击下一步；
e.设备名右侧显示绿色“√”，点击下一步，点击完成，将设备分配到您所指定的空间内，绑定完成。

【有线配网】
a.使用网线，将网关接到路由器上，确保手机WIFI和网关在同一局域网内；
b.点击右上角“+”，手动添加“网关及其他－有线网关（Zigbee）”；
c.长按RES键5s，确认网关“Network”蓝灯闪烁，点击下一步；
d.App自动搜索到“多模工程网关”，点击设备名右侧“+”；
e.设备自动进行配网操作，完成注册后，设备名右侧显示绿色“√”，点击下一步，点击完成，将设备分配到您所指定的空间内，绑定完成。

【添加子设备】
短按SET键，网关自动绑定可搜索的BLE或ZigBee子设备

集智光控

设备状态	按键操作及指示灯状态说明
未激活状态上电	所有灯长亮至程序启动后熄灭，蓝灯快闪，进入待配网状态
待配网	蓝灯快速闪烁（500ms/次）
配网成功	设备连接网络成功，蓝色灯带常亮 5s，然后熄灭；若设备未连接成功，会一直处于待配网状态
搜索到但是未连上 Wi-Fi	蓝灯快速闪烁（500ms/次）直至连上后熄灭
已激活状态断电再上电	所有灯长亮至程序启动后熄灭，直至设备连云成功后，蓝色灯带常亮 5s 后熄灭
已激活状态重置	长按RES按键 5s 后蓝灯长亮，待设备启动完成进入待配网后快速闪烁（500ms/次）
添加子设备	短按SET按键，蓝灯闪烁（1500ms/次），设备自动添加子设备

产品规格

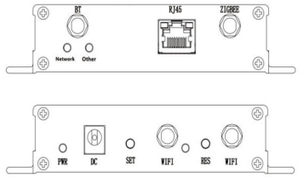
产品名称	多模工程网关
产品型号	UX18
电源输入	5V═1A
工作温度	-10℃~55℃
工作湿度	10%~90%RH(无冷凝)
无线协议	Wi-Fi 2.4G
	蓝牙4.2、zigbee
产品尺寸	127*131.5*29.3mm
产品净重	约280g

包装清单

- 多模工程网关x1
- 产品说明书x1
- 适配器x1
- 外置天线x4
- 螺钉包x1

Product introduction

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



BT	BLE antenna
ZIGBEE	ZIGBEE antenna
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Instructions for use

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

【Wireless Pairing 】

a. Click "+" in the upper right corner to be automatically discovered by the device or manually add "Gateways and Others – Wireless Gateway (Bluetooth)";
b. Press and hold the RES key 5s, confirm that the gateway "Network" blue light flashes, and click Next;
c. The App automatically searches for "Multimode Engineering Gateway", click "+" on the right side of the device name;
d. Enter your WiFI account and password, and click Next;
e. 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 complete.

【Wired Pairing】

a. 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;
b. Click "+" in the upper right corner to manually add "Gateways & Others – Wired Gateways (Zigbee)";
c. Press and hold the RES key 5s, confirm that the gateway "Network" blue light flashes, and click Next;
d. App automatically searches for "multi-mode engineering gateway", click "+" on the right side of the device name;
e. 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 BLE 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℃~55℃
Operating humidity	10%~90%RH(No condensation)
Wireless protocol	2.4G Wi-Fi
	BT4.2、ZigBee
Size	127*131.5*29.3mm
Net weight	280g

Packing list

Equipment*1 Instructions*1 Adapter*1

Antenna*4 Screw pack*1

Multimode Engineering(BLE+ZigBee) Gateway

Product instruction manual and three packs of cards

WARNINTG:
Operation of this equipment in a residential environment could causeradio interference.

Declaration of toxic and harmful substances in electronic information products

Part	Toxic and harmful substances or elements					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Plastics	○	○	○	○	○	○
Metal	○	○	○	○	○	○
PCBA	○	○	○	○	○	○

This table has been prepared in accordance with the provisions of SJ/T11364-2014.

○: 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;

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

The environmental protection period of the digital identification products in the normal use state in this label is 10 years, and some components may also have environmental protection service life identification, 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 8-15 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 packs 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.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna. -Increase the separation between the equipment and receiver. -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. -Consult the dealer or an experienced radio/TV technician for help. To assure continued compliance, any changes or modifications not expressly approved by the party. Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices). This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. FCC Radiation Exposure Statement: The equipment complies with FCC Radiation exposure limits set forth foruncontrolled enviroment. This equipment should be installed and operated withminimum distance 20cm between the radiator and your body.

Three-pack voucher

Name..... TEL .....

Add ..... SN .....

Model ..... Date .....

Three-pack voucher

Name ..... TEL.....

Add ..... SN .....

Model..... Date .....