Wulian®

内嵌式两位开关

适用于WL-ZGCENPW-S082-01

产品使用说明书



©2015 南京物联传感技术有限公司

出版号：2015-0610.V01

欢迎您使用Wulian内嵌式两位开关产品说明书

● Wulian® 是南京物联传感技术有限公司的注册商标，本说明书中提到的所有其他产品名称或商标是其各自品牌所有者的商标或注册商标。

●使用前请您认真阅读产品使用说明书，确保正确、安全地使用。

●Wulian内嵌式两位开关产品（以下简称“本产品”）为南京物联传感技术有限公司（以下简称“我司”）出品的智能家居控制类产品。本产品需要与智能家居相应的APP客户端同步使用，并须使用本产品自带的配件。如您未正确地安装及使用本产品，而造成的损失，我司将不承担任何责任。

●我司随时可能对本说明书中的产品信息进行更新，恕不另行通知。请您及时关注我司资讯，自行下载最新版APP客户端。

●未经我司的明确书面许可，任何个人及企业不得复制本说明书的全部或部分内容，不得使用我司注册商标。对非法使用我司商标的行为，我司将依法追究行为人及企业法律责任。

●欢迎您登录我司官网www.wulian.cc，了解更多智能家居产品信息。

产品特点

●支持IEEE 802.15.4 ZigBee/SmartRoom协议；

●可直接安装于所有标准墙面开关暗盒中，让普通墙面开关智能化；

●无需布线，安装便捷，操控简单、灵活；

●通过与绑定开关联动，可实现一个开关控制多路设备或多个开关控制一路设备的无线自由控制；

●安装本产品后，配合无线网关产品可轻松实现物联网互联设备的本地及远程控制功能；

●配合智能家居APP软件，可实现定时开关、场景设置、设备联动等功能，尽显智能科技风范；

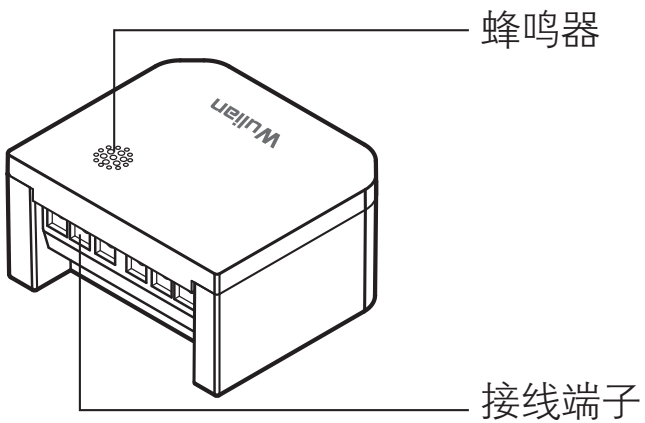
●外形精巧美观，与家装完美融合的同时，带来方便快捷的智能生活。

规格参数

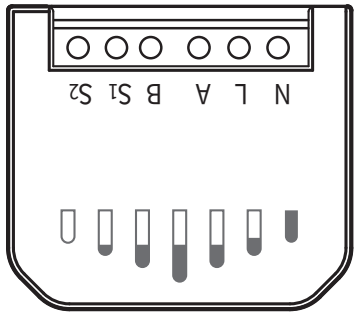
通信协议	IEEE 802.15.4 ZigBee/SmartRoom
天线类型	PCB天线
电源参数	AC 100–250V， 50/60Hz
待机功耗	≤0.75W
输出回路数	2
额定电流	6A
总路数最大阻性负载 （如白炽灯、卤素灯等）	1320W
总路数最大感性、容性负载 （如节能灯、日光灯、LED灯等）	1000W

外形尺寸（长×宽×高，mm）	43×37×18
材质颜色	PC，白色
阻燃等级	UL94 V–0
净重	30g
工作环境温度	–10℃~+45℃
工作环境湿度	≤95%RH（不凝结）

功能图示



内嵌式两位开关主体



主体底部

软件下载

下载方式一：

请扫描本产品包装盒上的二维码，下载最新版本软件客户端。

下载方式二：

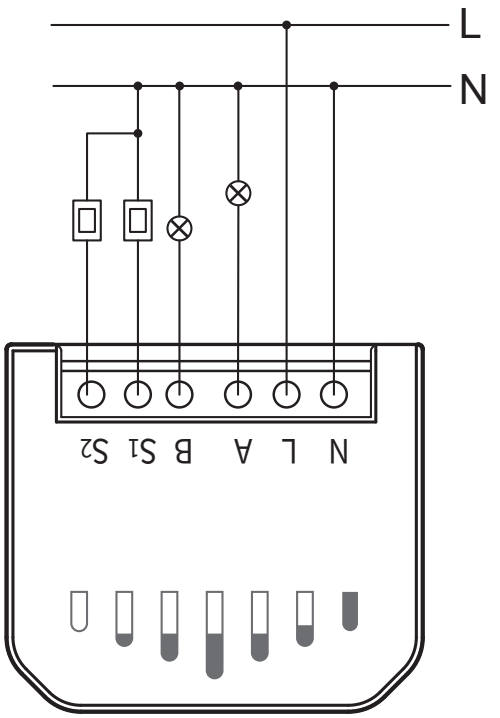
官网下载地址：http://www.wulian.cc/service.shtml

温馨提示：初次使用时，请先安装APP客户端，并仔细阅读产品说明书；请时常关注我司资讯，以便及时更新。

安装指导

① 产品接线

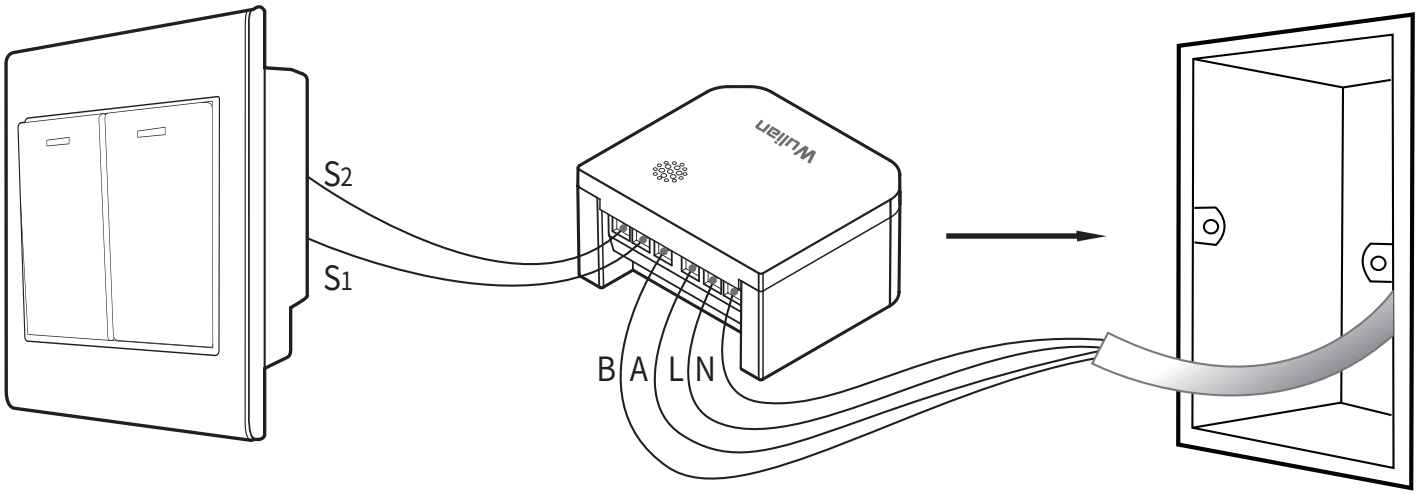
图示如下：



接口	定义
N	零线输入
L	火线输入
A	一路负载火线输出
B	二路负载火线输出
S1	一路负载面板开关
S2	二路负载面板开关

注意：请勿将零、火线反接！电工作业危险，非专业人士不得擅自操作！

② 取下装饰盖，将开关（需自配）、墙面暗盒内的电缆接入本产品;



装饰盖　　内嵌式两位开关　　墙面暗盒

说明：该产品适用于国标、巴西标、澳标及美标暗盒，暂不支持英标、欧标暗盒;

③ 正确接线后,请检查本产品接线和墙面其他裸铜线有无短路现象。确认无误后， 将本产品放置墙面暗盒内，卡上装饰盖，安装完成。

联网设置

① 设置---连接ZigBee网络

本产品通电后，可自动申请加入ZigBee网络。搜索网络时，蜂鸣器鸣叫（最长搜网时间18秒）；当成功加入网络后，蜂鸣器长鸣2秒后停止。

② 设置---绑定

说明：本设备可以和场景开关等遥控器类设备绑定。

连续按开关键3次，蜂鸣器鸣叫，表示发出绑定请求，同时操作另一端需要被绑定设备（20s内完成）。绑定成功后，蜂鸣器鸣叫3次；如绑定不成功，蜂鸣器鸣叫6次。

③ 设置---退出ZigBee网络

连续按任意开关键10次(单次间隔时间不超过1秒)恢复为出厂设置，蜂鸣器长鸣5秒后停止，同时退出ZigBee网络。

说明：按开关键2次即完成一次通断电操作。

注：

●设置前，请确认无线网关（需另外购买）正常工作，本产品处于网关有效通信距内；

●如需远程控制，请将网关接入广域网；

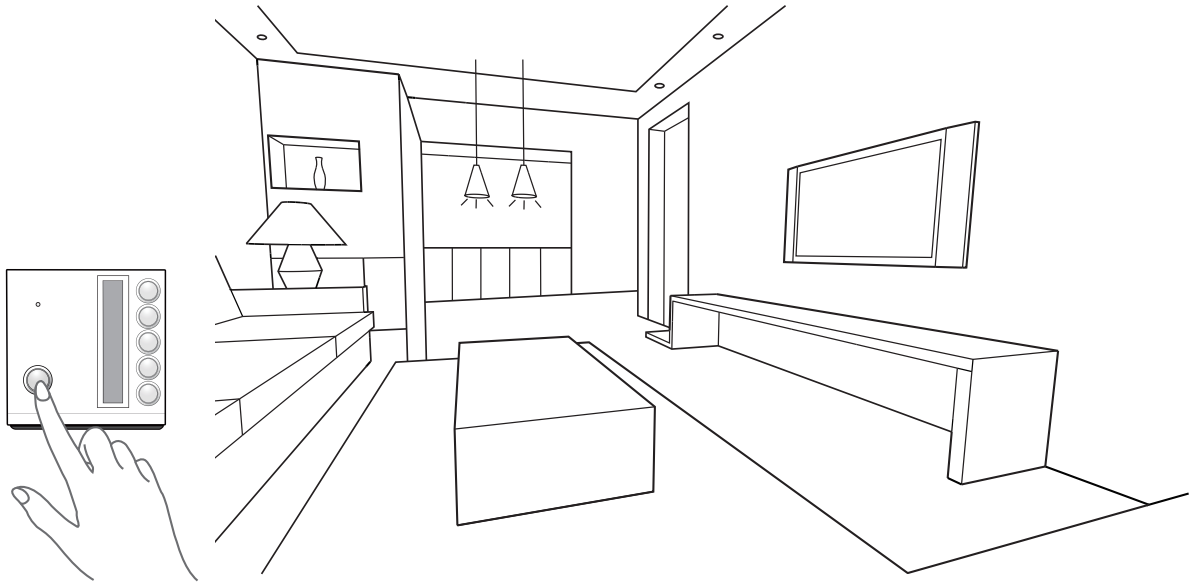
●当本产品需要加入到其他网关时，请先退出当前网关，再进行联网设置。

使用指南

配合场景开关（另购产品），进行操控。

说明：使用前确保场景开关加入ZigBee网络，具体操作参照场景开关说明书；

将本产品和场景开关绑定之后，操作场景开关即可随意控制室内负载。



注意事项

●安装前请先切断电源！带电作业危险，非专业人士不得擅自操作！

●建议使用优良品质、正规品牌的开关及灯具。如使用不合标产品或伪劣产品，可能会导致本产品性能降低。

●本产品务必安装在塑料暗盒中！如安装在金属暗盒，则可能会削弱无线通信信号，同时可能会影响绝缘效果，从而降低通讯效率。

●建议将该产品放置在远离洗衣机、微波炉、冰箱、路由器等具有干扰源的区域，否则将可能会影响产品通信灵敏度及其工作性能。

订购信息

产品名称	Wulian内嵌式两位开关
产品型号	WL–ZGCENPW–S082–01
材质颜色	PC，白色
货号	WLPN141018018

版权所有，翻版必究
www.wulian.cc
客服热线：400-928-9288
南京市雨花台区凤集大道15号创业创新城-北柚11栋

Wulian®

Smart Embedded Switch (Two-Gang)

Model: WL-ZGCENPW-S082-01

User Manual



©2015 Nanjing IOT Sensor Technology Co., Ltd (Wulian Co., Ltd)

Publication Number：2015-0610.V01

Thank you for using the user manual of Smart Embedded Switch (Two-Gang)

●***Wulian***® is a registered trademark of Nanjing IOT Sensor Technology Co., Ltd. All the other products or service names mentioned in this manual are trademarks or registered trademarks of their respective companies.

●Please read this product manual before using to ensure proper and safe use.

●Smart Embedded Switch (Two-Gang) (hereinafter referred to as the“product”is a kind of smart home control device of Nanjing IOT Sensor Technology Co., Ltd. (Hereinafter referred to as "our company"). This product need to be used with corresponding APP and accessories come with this product. We are not responsible to any loss or damage by incorrect installation and misuse.

●Our company may update the product information of this manual at any time without prior notice. Please follow our company information in time and download the latest version APP by yourself.

●Without the written permission of our company, any individuals and companies cannot copy all or part of this manual and use the trademark of our company. Anyone who use or disguise our trademark will be pursued their legal responsibility without the written approval from Wulian.

●Welcome to our official website www.wulian.cc/english to learn more information of smart home products.

Features

●Supports IEEE 802.15.4 ZigBee / SmartRoom protocol;

●Can be installed directly to all standard wall switch junction box, change the ordinary switch to smart one;

●No wiring, easy to install;

●Able to link with the binding switch, enabling one switch controls multiple devices or multi-switches control one device remotely;

●After installation, connected devices can be easily controlled locally and remotely with smart gateway;

●Timing/Scene/Linkage features can be realized after work with Smart Home APP, to show the smart life;

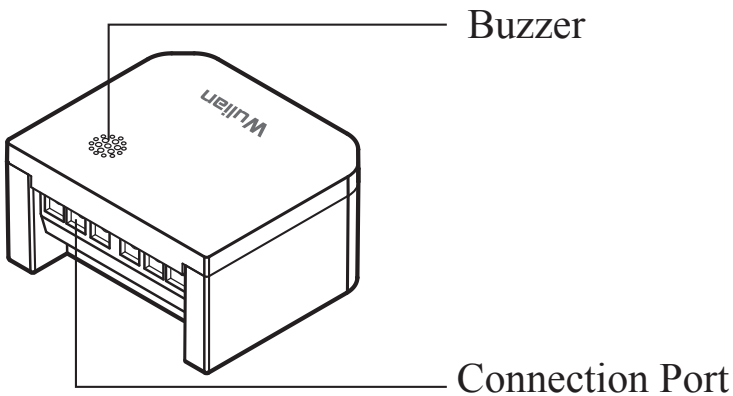
●With delicate and beautiful appearance, the product not only perfectly merges with home improvement, but also brings convenient intelligent life.

Specifications

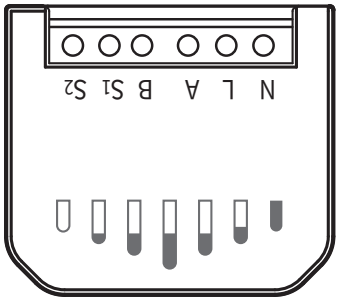
Communication Protocol	IEEE 802.15.4 ZigBee/SmartRoom Protocol
Antenna Type	PCB Antenna
Power Supply	AC 100-250V, 50/60Hz
Standby Power Consumption	≤0.75W
No. of Output Loop	2
Rated current	6A
Total Loop Maximum Resistive Load (Such as incandescent, halogen lamps, etc.)	1320W
Total Loop Maximum Inductive and Capacitive Load (Energy-saving lamps, fluorescent lamps, LED lights, etc.)	1000W

Dimension(length×width×height, mm)	43×37×18
Material Color	PC, White
Flame Retardant Grade	UL94 V-0
Net Weight	30g
Working Temperature	-10℃~+45℃
Working Humidity	≤95%RH（Noncondensing)

Function Illustration



Body of the Switch



Bottom of the Body

Software Download

Option A: Download the latest smart APP by scanning QR code on the package box of this product.

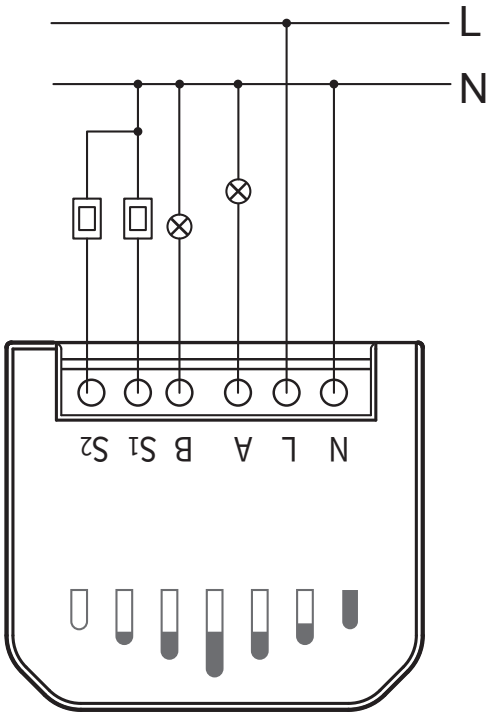
Option B: iOS user can download the APP by searching "Wulian Smart home" in "APP Store". Android user can download the APP by searching "Wulian Smart home" in "Google Play".

Warm Promt: Please download Smart Home APP and read user manual at first use. In addition, please follow Wulian lastest news to upgrade the APP timely.

Installation Guide

① Wires Connection

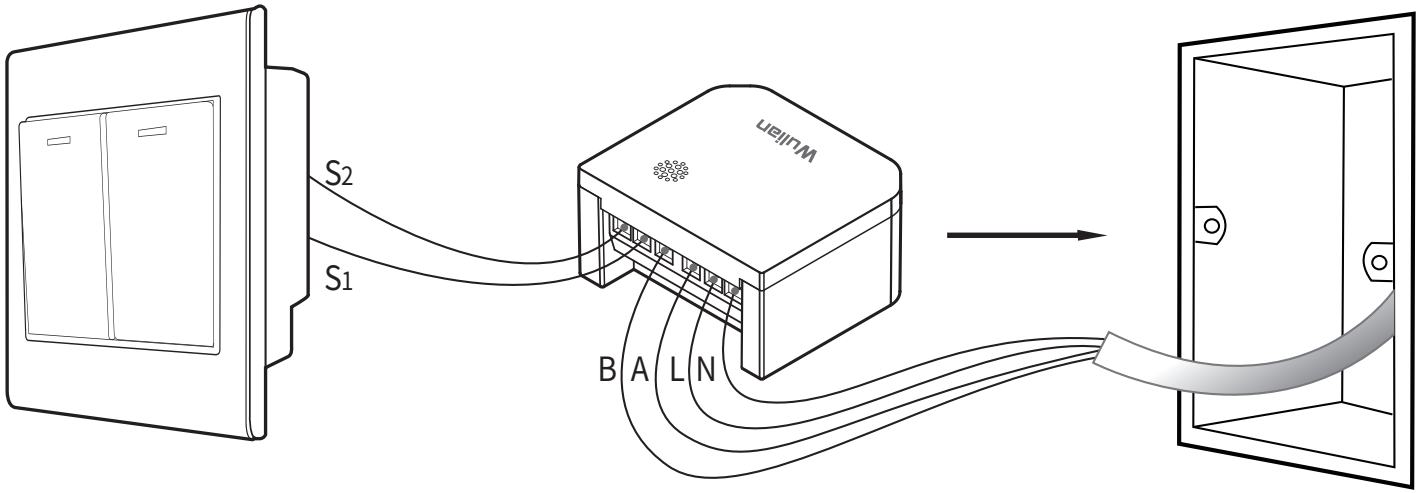
Instruction as follow：



Interface	Definition
N	Null Line Input
L	Live Line Input
A	One-Gang Load Output
B	Two-Gang Load Output
S1	One-Gang Load Switch
S2	Two-Gang Load Switch

Note: Do not reverse null and live wire! Electrical work is dangerous, non-professionals are not allowed to operate!

② Take off the decorative cover, connect the wires of wall box and switch(self-prepare) to the device.



Decorative Cover　　Smart Embedded Switch　　Wall Box

Note: This device is applicable to Chinese Standard, Brazil Standard, Australian Standard and American Standard junction box, does not support the British and European standard junction box.

③ After the correct wiring, please check if the wire of this product and other bare copper wire in the wall have short-circuit phenomenon, if no, put the product into the wall box and attach the decorative cover and then the installation is complete.

Network Setting

① Join ZigBee Network

After powering up the device, it can automatically add to the ZigBee Network. The buzzer sounds when searching the network (18 seconds at maximum on network searching); the buzzer will stop sound after sounding for 2 seconds when join the network successfully.

② Binding

Note: The scene switch and other remote controller can be bound with this product.

Buzzer sounds and send out the binding request after press the ON/OFF Key at 3 times, then operate the other devices which need to be bound within 20s. The buzzer sounds at 3 times after succeeded bounded and 6 times if failed.

③ Quit ZigBee Network

Press any ON/OFF Key continuously 10 times (single intervals are not more than one second) to default to factory settings.

The buzzer stops after sounds 5 seconds, then product quit ZigBee network.

Note: Press the ON/OFF Key twice to complete a power on and off operation

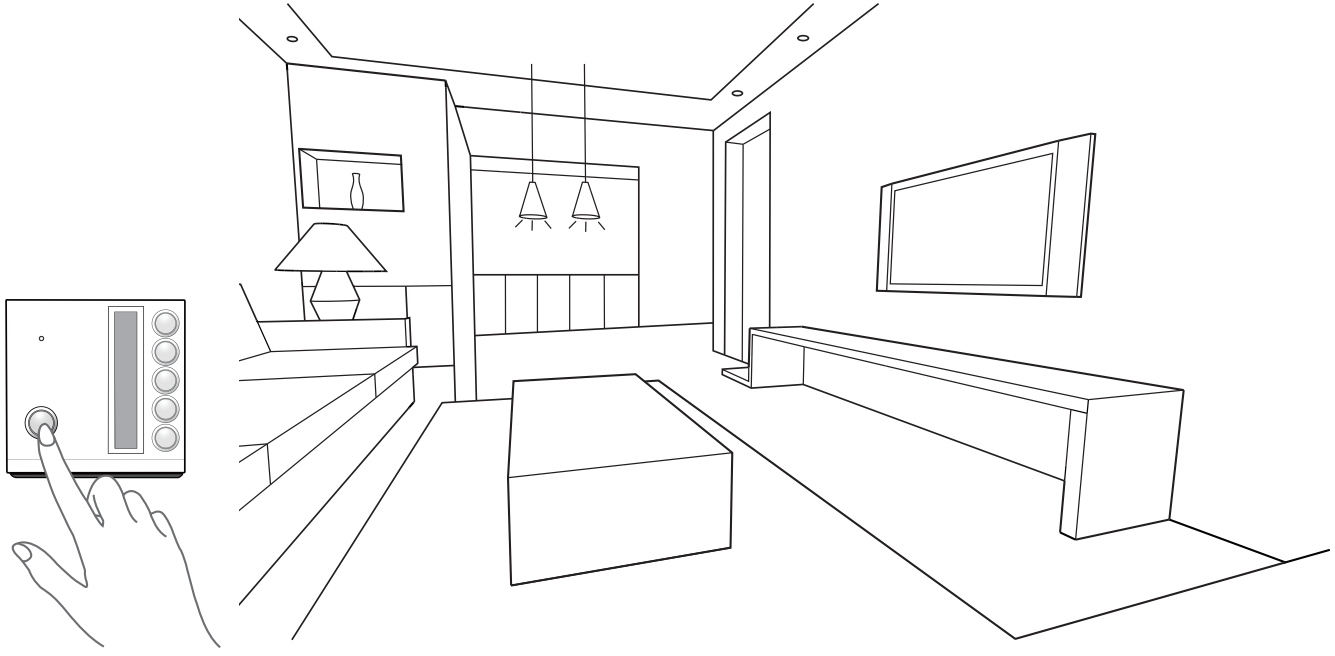
Note:

● Please ensure the gateway(additional purchase) works properly before setting and this product is within valid communication distance of gateway; connect the gateway to the Internet to do remote control.

●When the product needs to be added to other gateways, please quit the current gateway, and reset network.

Use Guide

Note: Please make sure the scene switch already join the ZigBee network and operation details refer to scene switch manual.



Cautions

●Please cut off the power before installation! Electrical work is dangerous, non-professionals are prohibited to operate without authorization.

●Suggest to use regular brands switches or lamps at good quality. Product performance may be reduced with substandard switch or lamp.

●This product should be installed in the plastic wall box. The metal box may weaken the communication signals and reducing communication efficiency.

●Please do not put this product in the areas of interference sources, like washing machine, microwave, refrigerator, routers and so on. Otherwise the sensitivity and performance of product may be affected.

Order Information

Product Name	Smart Embedded Switch（Two-Gang，8A)
Model	WL-ZGCENPW-S082-01
Material and Color	PC,White
Art. No.	WLPN141018018

B11 Software Valley，No.15, Fengji Road, Yuhuatai District, Nanjing
Postcode: 210039
Service hotline：400-889-2891
http://www.wulian.cc/english