



***Wulian***<sup>®</sup>

LIVING A SMARTER WAY

NANJING IOT SENSOR TECHNOLOGY CO., LTD.



## **About Wulian**

Wulian is a professional manufacturer and supplier for Smart Home products and solutions. Founded in 2009, Wulian has developed into the leader in Smart Home industry worldwide with advanced R&D strength, comprehensive product categories and integrated system. The current products and solutions cover a wide range including Energy-Efficient Lighting, Security Supervision, Home Appliances Management, Environmental Detection, and more. Through years of effort and accumulation, Wulian has reached 10 million customer service capacity and built more than 2000 Smart Home experience centers worldwide.

In 2015, Wulian joined the ZigBee Alliance as Promoter and Director of Board, actively participating in defining and promoting global IoT standards.

## What is Smart Home

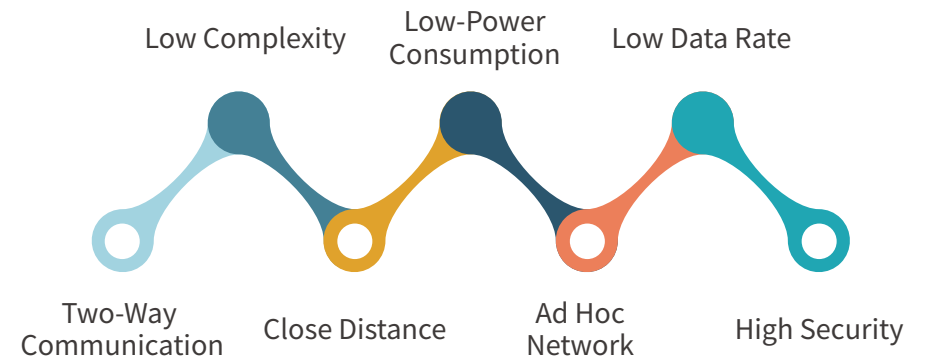
Smart Home system includes smart core center, node devices, communication technology and App. In the system, smart core center is in charge of the control and management of node devices, which correspond to smart home infrastructures and carry out the final orders to achieve harmonious family environment. Communication technology is the information channel which transmits and exchanges data of node devices; App is management platform to realize or trigger the system function or visual control of node devices.

Wulian Smart Home system adopts international advanced technology like ZigBee, cloud computing, big data, etc. It combines the latest IoT technology and creates a compatible operational platform for hardware and software. With smart home infrastructures like Smart Gateway, Smart Lock, Smart Automatic Curtain, Smart Camera, Air Quality Detector, Smart Weight Meter, etc. It improves the safety, efficiency for modern family, and creates a healthy, energy-saving and green life through smart control and management platform.







## Wulian Products Adopt ZigBee Wireless Technology



**ZigBee** is the only global, standards-based wireless solution that can conveniently and affordably control the widest range of devices to improve comfort, security and convenience for consumers.



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## Dream Flower



WL-ZSSMDPT-DMTHNODT-G120-01

### Overview

Multifunctional environment detector with integrated gateway functions. It is recommended to place the product indoors in a flat open place, such as TV cabinet in the living room, screen cabinet in the entryway, bookshelf and other furniture; applies to home, hotel, apartment, club, office, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11a/b/g/n/ac, IEEE 802.3/3u.
2. Multifunctional ZigBee gateway; linkage control by App; Stylish and Elegant Design.
3. Get real-time environmental data of PM2.5/VOC/CO<sub>2</sub>/Noise by App.
4. Gesture & Tapping Control/Voice Broadcasting.
5. With 16 million colors lighting, it can be remote controlled to preset lighting mode and switch color mode according to user's need.
6. 2.4G/5G dual band Wi-Fi, High signal coverage and Penetrating, less signal interference; Provide a standard Ethernet interface to realize secure transmission of data.

### Parameter

Power Parameter:	12V 2A, AC/DC Adapter
Standby Power Consumption:	5W
Hard Disk Capacity:	32-512G (optional)
Noise Decibel Range:	0~199dB
CO <sub>2</sub> Detection Concentration Range:	400-2000PPM
VOC Detection Range:	0-1000ppb
PM2.5 Detection Range:	0~500 μg/m <sup>3</sup>
Installation Method:	Mobile Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Dimensions (diameter x height):	Φ174x378.6 (mm)
Main Body Color/Material:	White, PC+ABS+ Aluminum Alloy
Net Weight:	2230g
Gross Weight:	4184g

## Smart Gateway (LAN)



SR-ZGWMDPB-G100-02

### Overview

Multifunctional ZigBee gateway; Smart hub to realize data transmission; Realize linkage control by custom scene according to actual needs.

It is recommended to place the product indoors in a flat open place; applies to home, hotel, apartment, club, office, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n.
2. Multifunctional ZigBee gateway; Smart hub to realize data transmission; Realize linkage control by custom scene according to actual needs.
3. Control smart devices within LAN even if the Internet fails.
4. Two-way communication, real-time check status of device.
5. Strong networking ability, freely.
6. Support self-help DIY ZigBee+ strategy, energy saving and low power consumption.
7. Anti-interference, suitable for large area network.
8. AES128-bit encryption, safer communication.

### Parameter

Power Parameter:	DC 5V 1A, AC/DC Adaptor
Overall Power Consumption:	≤3W
Communication Distance:	500m (visible)
Wired Access Mode:	10/100M Auto-negotiation Ethernet WAN interface
ROM Type & Capacity:	SPI FLASH & 16MB
Memory Type & Capacity:	DDR2 & 32MB
Installation Method:	Mobile Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, Black
Dimensions (L*W*H):	127*111*56 (mm)
Net Weight:	160g
Gross Weight:	340g



## Smart Gateway (LAN, AP)



WL-ZGWCDPW-G110-03

### Overview

Multifunctional ZigBee gateway; Smart hub to realize data transmission; Realize linkage control by custom scene according to actual needs.

It is recommended to place the product indoors in a flat open place; applies to home, hotel, apartment, club, office, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n.
2. Multifunctional ZigBee gateway; Smart hub to realize data transmission; Realize linkage control by custom scene according to actual needs.
3. Multiple access methods (LAN, AP); Create a WiFi to control devices.
4. WiFi repeater to add coverage.
5. Two-way communication, real-time check status of device.
6. Strong networking ability, freely.
7. Support self-help DIY Zigbee+ strategy, energy saving and low power consumption.
8. Anti-interference, suitable for large area network.
9. AES128-bit encryption, safer communication.
10. Stylish design and can be install in ceiling ,save space.

### Parameter

Power Parameter:	DC 5V 1A, AC/DC Adaptor
Overall Power Consumption:	≤3.5W
Communication Distance:	500m (visible)
Wired Access Mode:	10/100M Auto-negotiation Ethernet WAN interface
Wireless Access Mode:	WiFi
ROM Type & Capacity:	SPI FLASH & 16MB
Memory Type & Capacity:	DDR2 & 128MB
Installation Method:	Ceiling-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (diameter*thickness):	129*39 (mm)
Net Weight:	249g
Gross Weight:	560g

## Smart Gateway (LAN, AP)



**WL-ZGWMDPB-G110-04**

### Overview

Multifunctional ZigBee gateway; Smart hub to realize data transmission; Realize linkage control by custom scene according to actual needs.

It is recommended to place the product indoors in a flat open place, and applies to home, hotel, apartment, club, office, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n.
2. Multifunctional ZigBee gateway; Smart hub to realize data transmission; Realize linkage control by custom scene according to actual needs.
3. Multiple access methods (LAN, AP); Create a WiFi to control devices.
4. WiFi repeater to add coverage.
5. Two-way communication, real-time check status of device.
6. Strong networking ability, freely.
7. Support self-help DIY Zigbee+ strategy, energy saving and low power consumption.
8. Anti-interference, suitable for large area network.
9. AES128-bit encryption, safer communication.

### Parameter

Power Parameter:	DC 5V 1A, AC/DC Adaptor
Overall Power Consumption:	≤3.5W
Communication Distance:	500m (visible)
Wired Access Mode:	10/100M Auto-negotiation Ethernet WAN/LAN interface
Wireless Access Mode:	WiFi
ROM Type & Capacity:	SPI FLASH & 16MB
Memory Type & Capacity:	DDR2 & 64MB
Installation Method:	Mobile Type
Working Temperature/Humidity:	-10°C ~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, Black
Dimensions (L*W*H):	74.5*68.5*227 (mm)
Net Weight:	550g
Gross Weight:	938g

## Mini Gateway



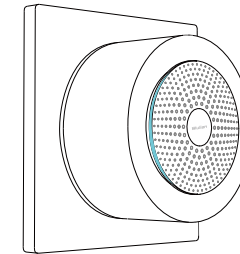
WL-ZGWMNPW-G110-01

### Overview

Multifunctional ZigBee gateway; Smart hub to realize data transmission;  
Realize linkage control by custom scene according to actual needs.  
It applies to home, hotel, apartment, club, office, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n.
2. The hub of Smart Home System.
3. Support LAN to control Smart Home System through gateway-built WiFi even the Internet fails.
4. Small size; Exquisite hidden design.
5. WiFi repeater to expand network coverage.
6. Mood light with various lighting modes.
7. Voice broadcasting.
8. Multi-country standard supported.



### Parameter

Power Parameter:	100-240V AC, 50/60Hz
Overall Power Consumption:	Max. 4.5W
ROM Type & Capacity:	SPI FLASH & 16MB
Memory Type & Capacity:	DDR2 & 128MB
Installation Method:	Portable Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color: PC+ABS, White	PC+ABS, White
Dimensions (diameter*thickness):	65.2*53 (mm) (with national standard power plug)
Net Weight:	160g
Gross Weight:	450g

## Smart Repeater



WL-ZRPMNPW-G11-01

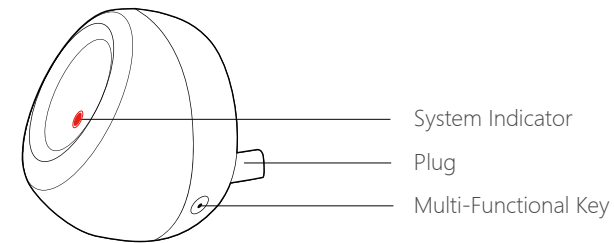
### Overview

Expand ZigBee signal coverage; Can be installed in the region where signal needs to be transmitted;

It applies to large apartment, plug and play.

### Features

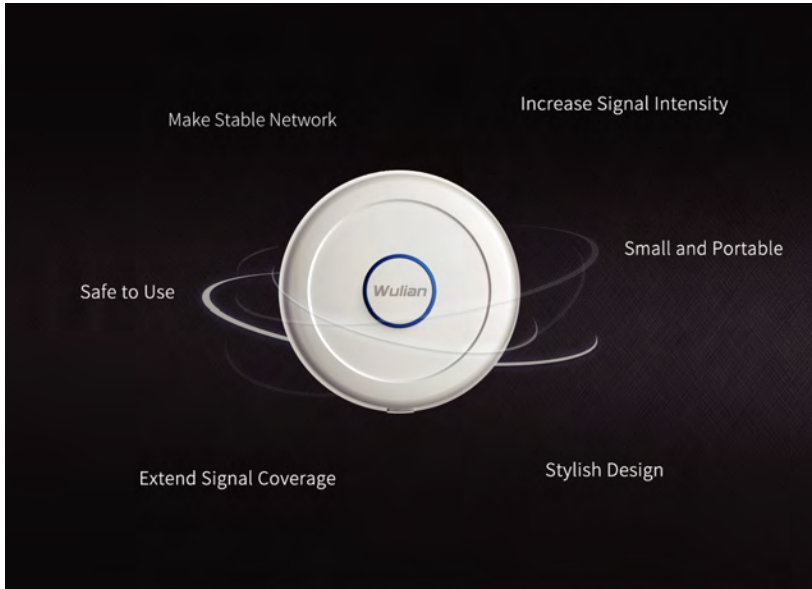
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom)
2. Extend gateway communication coverage.
3. Stable signal transmission.
4. Direct plug-in power supply, space-saving.
5. Small size and delicate.



### Parameter

Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.5W
Wireless Communication Distance:	500m (visible)
Installation Method:	Portable Type
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	54*54 (mm)
Net Weight:	35g
Gross Weight:	180g

## Smart Repeater (Ceiling Type)



**WG-ZRPCNPW-G22-01**

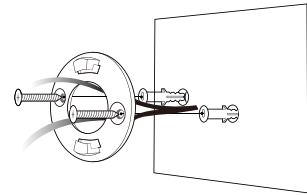
### Overview

Expand ZigBee signal coverage; can be installed in the region where signal needs to be transmitted.

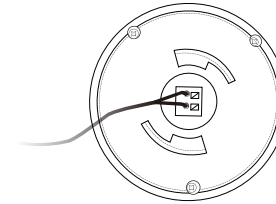
It applies to large apartment; It needs to be installed in ceiling and connected to the power.

### Features

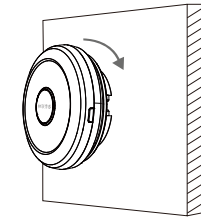
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Extend gateway communication coverage.
3. Stable signal transmission.
4. Easy to be installed in ceiling, space saving.



Step 1: Install the base



Step 2: Connect with power line



Step 3: Attach main body to base

### Parameter

Power Parameter:	100-240V AC, 50/60Hz
Wireless Communication Distance:	500m (visible)
Installation Method:	Ceiling-mounted Type, Wall-hanging Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	98*46 (mm)
Net Weight:	108g
Gross Weight:	320g



## Cylincam



WL-ZAVMDMS-C322121-01

### Overview

It is a FHD camera integrating gateway and environment monitor, which applies to family care, classroom monitoring, shop care, etc.

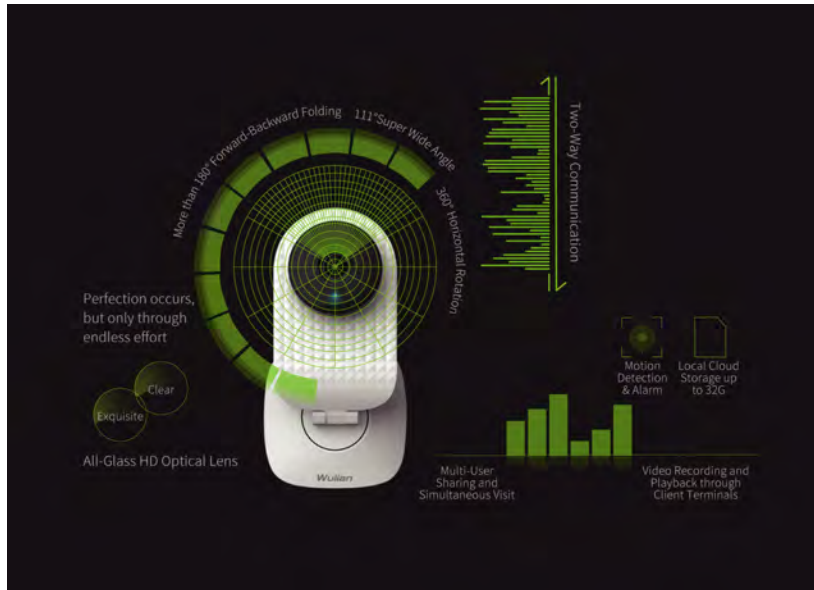
### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n.
2. 1080P camera with gateway function: wide-angle all glass lens and, horizontal angle 100 °, night-vision; Support video recording locally or via App; Users can check and playback the video.
3. 360 ° unlimited rotation; Free setting of rotating directions via App; four presetting directions; choose important locations you want to monitor, and restore to the chosen location with one-button control.
4. Support motion detection: once exception happens, send alarming message to user's mobile phone.
5. Voice intercom: Users can talk with family without any delay and get closer with family members.
6. Intelligent family control center: control household smart devices like lightings, electrical appliances, cameras, thermostat, air purifier, etc.
7. Family environment monitor: real-time monitor temperature and humidity, CO2, VOC, PM2.5. Support air quality broadcasting locally or message push via App.
8. Smart lighting: change colors and indicate air quality level and also vivify user's life. Users can switch on or off this function.

### Parameter

Power Parameter:	DC 12V 2A, AC/DC Adapter
Image Resolution:	1080P (max)
Camera Angle:	Horizontal 100°
Infrared Radiation Distance:	5m
Storage:	TF card (max 128G)
Installation Method:	Installation Method: Mobile Type
Working Temperature and Humidity:	-20°C~60°C, < 85%RH (noncondensing)
Material & Color:	Aluminum Alloy+PC, Silver
Dimensions (diameter*height):	Φ70*150 (mm)
Net Weight:	493g
Gross Weight:	900g

## Smart Lookever Camera (720P, White Plus)



WL-ZAVMDPW-C411121-06

### Overview

As a HD camera with gateway function, it supports two-way voice; User can view real-time condition via App; It applies to looking after family members and also can be used for home security.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n.
2. Smart gateway and camera.
3. HD optical lens, 720P, stable image.
4. Support infrared night vision, local storage, client terminal video recording and playback.
5. Support Two-way voice.
6. Support motion detection and alarm.
7. High quality image compression, clear remote viewing.
8. Support multi-user sharing and visit.

### Parameter

Power Parameter:	AC/DC Adapter, DC 5V 1A
Overall Power Consumption:	≤3W
Resolution:	720P
Rotation Angle:	Horizontal 360°, Back & Forth > 180° (manual)
IR Night Vision Distance:	5m
Local Storage:	TF card (max 128G)
Image Rollover:	180°
Wireless Access Mode:	WiFi
Installation Method:	Mobile Type, Ceiling-mounted Type, Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White+Blue Silicone Ring
Dimensions (L*W*H):	70*70*114 (mm)
Net Weight:	140g
Gross Weight:	370g



## Smart Cloud Camera (720P)



**WL-ZAVCDPW-C321121-01**

### Overview

As a HD camera with gateway function, it supports two-way voice; User can view real-time condition via App; It applies to looking after family members and also can be used for home security.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n.
2. Smart ZigBee gateway.
3. HD optical lens, clear graphics, 720P; Support client terminal video recording and playback.
4. Support Two-way voice.
5. Support motion detect; Smart terminal will receive alarm message when detecting unusual break in.
6. Realize omni-directional monitoring remotely (horizontal 335°, vertical 120°).
7. Support multi-user check and visit.

### Parameter

Power Parameter:	DC 12V 1A, AC/DC Adapter
Overall Power Consumption:	≤6W
Resolution:	720P
Rotation Angle (PTZ):	Horizontal/335°, Vertical/120°
Lens Focal Length:	3.6mm
IR View Distance:	5m-6m
Local Storage:	TF card (max 128G)
Image Reversal:	180°
Wireless Access Mode:	WiFi
Installation Method:	Mobile Type, Ceiling-mounted Type, Wall-mounted Type
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	95*95*146 (mm)
Net Weight:	420g
Gross Weight:	790g

## Smart Digital Video Recorder (8 Channels)



WL-NAVMD-V8-01

### Overview

Multiple video management.

### Features

Support video recording and playback.

### Parameter

Power Parameter:	12V/1A, AC/DC Adapter
Power Consumption (excluding HD):	≤10W
Case:	1U small case
Working Temperature/Humidity:	-10°C~ +45°C/≤85%RH (noncondensing)
Dimensions (W*D*H):	315*230*45 (mm)
Net Weight (without HD):	1110g
Gross Weight:	1750g

## Smart Weather-Proof Camera



WL-ZAVWDMW-C221121-01

### Overview

It is a 1080P outdoor HD Monitor which supports ZigBee gateway, and applies to outdoors, such as yard, city streets, supermarket, etc. Widely applied in building smart community and smart city.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11b/g/n, IEEE 802.3af
2. Support PTZ rotation and 1080P HD video recording. Horizontal 150° electrical movement, vertical 85° manual movement.
3. Intercom (optional): Speaker, MIC, etc. for external access.
4. ZigBee Gateway.
5. Dustproof/Waterproof Level: IP66.
6. Support WiFi Direct.
7. Support ONVIF.
8. Support Motion Detection and Send Alarming Messages to Mobile Terminal.
9. Support Video Storage and Playback.
10. Support ICR Day-Night Switching.
11. Image Sensor: 1/2.9" Sony CMOS.
12. Multifocal adaptation for 6mm, 8mm, 12mm focal length.

### Parameter

Power Parameter:	DC 12V-2A/PoE 12V-1.25A
Overall Power Consumption:	≤10W
Image Resolution:	Max. 1920x1080P (2 million Pixel)
PTZ Angle:	Horizontal 150°(electric), Vertical 85°(manual)
IR Night View Distance:	10m-50m
Local Storage:	Support TF card (max 128G)
Networking Mode:	Wired/WiFi (prioritize wired)
Installation Method:	Ceiling-mounted Type, Wall-mounted Type
Working Temperature/Humidity:	-10°C~ +45°C/≤80%RH (noncondensing)
Material & Color:	Aluminum Alloy (nylon back cover + glass fiber front cover), White
Dimensions (L*W*H):	287*185*100.5 (mm)
Net Weight:	2200g
Gross Weight:	2655g

## Smart PIR Motion Detector



WL-ZSPWBPW-PI11-02

### Overview

As a security device, preset alarm will be triggered when detected break-in and sent to phone at the same time;

It widely applies to smart community, hotel apartment and office, convenient and safe.

### Features

1. Alarm in time at the detection of moving objects.
2. Link with other security devices for multiple defenses.
3. Wireless alarm, quick response.
4. Strong anti-interference ability with low false alarm rate.
5. Free adjustment of detecting range.

### Parameter

Power Parameter:	DC 3V
Battery Type:	CR2 battery*1
Standby Current:	≤15μA
Detection Angle:	Ellipse with a Major Axis of 4m and a Minor Axis of 3.5m
Detection Sensitivity:	One-shot
Detection Speed:	0.2 ~ 3.5m/s
Installation Height:	2-4m
Installation Method:	Base-fixed
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	64*38 (mm)
Net Weight:	35g
Gross Weight:	160g

## Smart Multifunctional Detector



WL-ZSPCBPW-PI13THAL-01

### Overview

As a security device, alarm will be triggered when detected break-in and sent to phone at the same time.

It widely applies to smart community, hotel apartment and office, convenient and safe.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. As a security device, alarm will be triggered when detected break-in and sent to phone at the same time.
3. As a human detector, it can be linked to turn on the lights, play background music and so on.
4. Pyroelectric infrared detecting, timely sense environmental temperature change.
5. Detect light intensity.
6. Support group linkage and defense with security devices.
7. Low power consumption, energy saving.
8. Strong anti-interference ability, stable detection signal.

### Parameter

Power Parameter:	DC 3V
Battery Type:	CR2 battery*1
Standby Current:	53μA
Detection Angle:	Circumference with a Radius of 3m when the Height is 2.4m
Detection Sensitivity:	One-shot
Installation Height Range:	2.3~6m
Installation Method:	Base-fixed
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	98*52 (mm)
Net Weight:	70g
Gross Weight:	350g

## Smart Contact Sensor



WL-ZSPDBPW-MT-02

### Overview

As a security device, once it is opened illegally, preset alarm devices will be triggered, and send alarm message to phone.

It widely applies to smart community, hotel apartment and office, convenient and safe.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. As a security device, once it is opened illegally, preset alarm devices will be triggered, and send alarm message to phone.
3. As a trigger device, it can be linked to turn on the lights, play background music and so on.
4. Remote monitor the opening/closing state of door/window.
5. Alarm in wireless way, strong anti-interference ability.
6. Low power consumption, energy saving.

### Parameter

Power Parameter:	DC 3V
Battery Type:	CR2 battery*1
Standby Current:	4μA
Door Opening/Closing Current:	1.2μA at Opening, 4μA at Closing
Alarm Distance:	20 (mm)
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Installation Method:	Fixed by screws
Dimensions (L*W*H):	Body 63*23*21(mm) Magnetic Parts 63*10*15 (mm)
Net Weight:	35g
Gross Weight:	80g

## Smart Panic Button



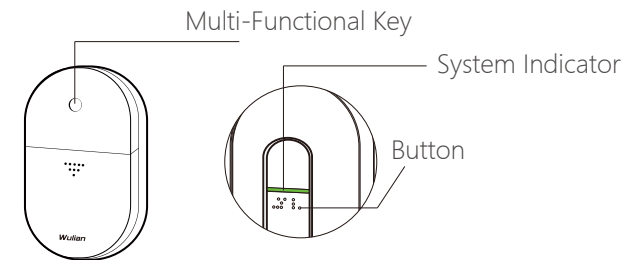
WL-ZSPBPW-IB-03

### Overview

It supports emergency alarm and remote push notification, and widely applies to Smart Elder Care and Children Guardian, safe and convenient.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Support emergency alarm and remote push notification.
3. Small size, no wiring, portable.
4. Low power consumption and energy saving.
5. Adopt high impact-resisting materials solid and durable.



### Parameter

Power Parameter:	DC 3V, CR2450*1
Standby Current:	≤0.5μA
Installation Method:	Wall-hanging Type, Portable Type
Working Temperature/Humidity:	-10°C ~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	92*54*20 (mm), 63*37*14.5 (mm)
Net Weight:	30g
Gross Weight:	180g

## Smart Sound Warner



**WL-ZSPCNPW-AL-01**

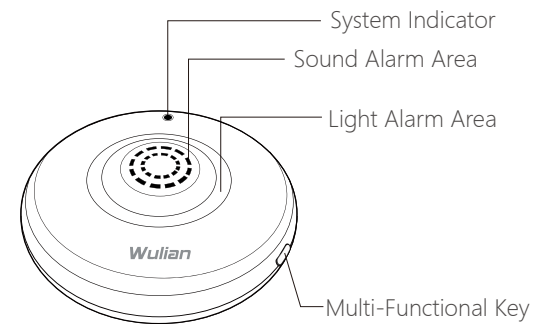
### Overview

As a device in security system, it can bind with other devices to send sound and light alarm when the signal is triggered.

Apply to ZigBee Smart Home Network.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can set up defense with other security devices through scene management and alarm in sound and light.
3. Alarm through wireless transmission, quick response.
4. Strong anti-interference ability, low false alarm rate.
5. Set up or withdraw defense through local or remote control.



### Parameter

Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption/Max Power Consumption:	≤0.3W/2W
Alarm Decibel:	≥85dB@1m
Installation Method:	Base-fixed
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	98*32 (mm)
Net Weight:	90g
Gross Weight:	330g



## Smart Smoke Detector



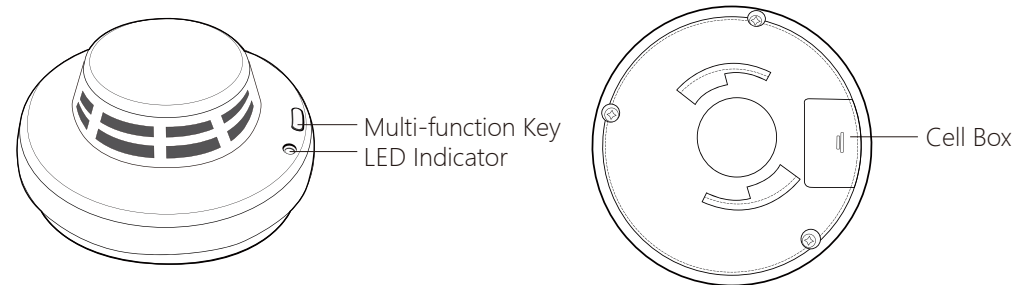
WL-ZSPCNPW-SK-01

### Overview

It is a smoke detecting, support linkage control with other devices, and apply to ZigBee Smart Security System.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can apply to ZigBee Smart Security System. Push notifications can be seen on App.
3. Work with Smart Sound warner for local alarm while sending messages via App.
4. Support tamper alarm.
5. Strong anti-interference ability with low false alarm rate.



### Parameter

Power Parameter:	DC 3V
Standby Current:	< 10μA
Battery Type:	CR2 battery*1
Alarm Current:	75mA
Alarm Decibel:	70dB@3m
Installation Method:	Base-fixed
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	98*43 (mm)
Net Weight:	84g
Gross Weight:	211g

## Smart Smoke Detector



JTYJ-GD-2690/W

### Overview

It is a smoke detector for family use; can be used independently as a photoelectrical smoke detector.

When smoke concentration exceeds alarming value, send light and sound warning locally.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Smoke detector for family use; can be used independently as a photoelectrical smoke detector; when smoke concentration exceeds alarming value, send light and sound warning locally.
3. Can be connected into alarming sirens; When one siren rings alarm, others will ring together to make dangerous situation be notified.
4. Easy for onsite testing. Press test switch, light and sound signal will be sent if the device works well.
5. Work independently by 9V battery; send reminding message in low battery or when battery is not installed.

### Parameter

Power Parameter:	DC 9V
Power Supply:	Alkaline battery*1—— (Energizer)
Model:	ENERGIZER 522
Quiescent Current:	≤ 15 μ A
Alarm Current:	Max. 40mA (relay operation, audio output)
Installation Method:	Mobile Type
Working Temperature/Humidity:	-10°C ~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	135*55 (mm)
Net Weight:	200g
Gross Weight:	275g

## Smart Gas Detector



WL-ZSPCNPW-CG-03

### Overview

It can realize linkage alarm with other devices to detect gas leakage and applies to kitchen, bathroom where needs gas.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can realize linkage alarm with other devices to detect gas leakage.
3. Send alarm information in time.
4. Reliable operation, stable performance and low false alarm rate.
5. Strong anti-interference ability, automatic adjustment of sensitivity.

### Parameter

Power Parameter:	100-240V AC, 50/60Hz
Maximum Power Consumption:	< 5W
Standby Power Consumption:	< 3W
Alarm Decibel:	> 80dB@1m
Alarm Concentration:	9%LEL±1%
Detecting Gas type:	Natural Gas, Liquefied Gas
Detection Mode:	Catalyst Combustion Type Sensor
Communication Distance:	300m (depend on specific environmental conditions)
Installation Method:	Ceiling-mounted Type, Wall-hanging Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	98*45 (mm)
Net Weight:	90g
Gross Weight:	320g

## Smart Automatic Manipulator



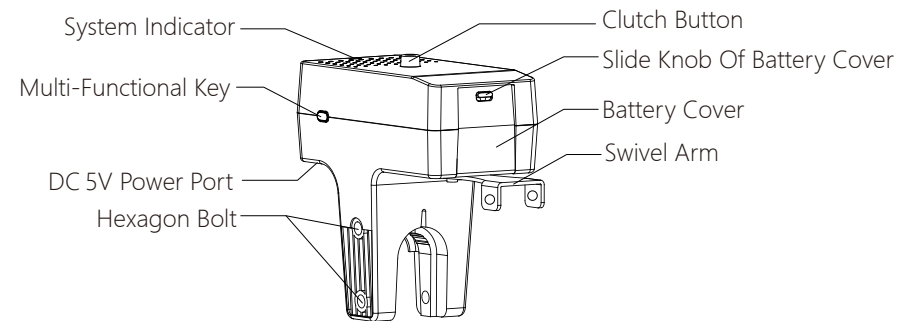
WL-ZSPOBPW-MA-01

### Overview

It can work with water/gas leakage sensor to turn on/off the valve to protect family.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Work with water/gas leakage sensor to turn on/off the valve.
3. Easy maintenance, accurate control with manual calibration function.
4. Accurate structure with excellent air tightness and high safety level.
5. Stylish design.



### Parameter

Power Parameter:	6V (4*AA Battery) ; DC 5V 1A (AC/DC Adapter)
Standby Power Consumption:	8.3μA
Working Current:	330mA
Torque:	35kg·cm
Installation Method:	In the gas pipe
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	161*70*140 (mm)
Net Weight:	380g
Gross Weight:	755g

## Smart Water Leakage Sensor



WL-ZSSMBPW-FD-01

### Overview

When there is water leakage, it can be linked with other devices and send warning message. It applies to bathroom, kitchen, balcony, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Wireless design, small size, easy to install.
3. Check monitoring data remotely.
4. Equipped with high-sensitive water contact probe.
5. Real-time detect indoor water leakage and timely alarm.
6. Group linkage with relevant smart devices like smart water valve to take timely measures.

### Parameter

Communication Mode:	IEEE 802.15.4 (ZigBee/SmartRoom)
Power Parameter:	DC 3V
Standby Current:	≤2μA
Power Supply:	CR2 battery*1
Water Height:	≥1mm
Installation Method:	Mobile Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	69*29 (mm)
Net Weight:	38g
Gross Weight:	155g



## Smart Retina Doorlock



WL-ZLSDBMS-A110101-01

### Overview

It integrates smart lock, camera and door bell .Semiconductor fingerprint identification, adopting Sweden FCP Fingerprint Biometrics Solution; Capacitance sensors in Fingerprint Capturing Zone exceeds 1 million; 1.45 seconds or so needed for fingerprint identification; Accurate identification, with low false reject rate below 1/1000;and widely applies to family, hotel and office, smart and convenient.

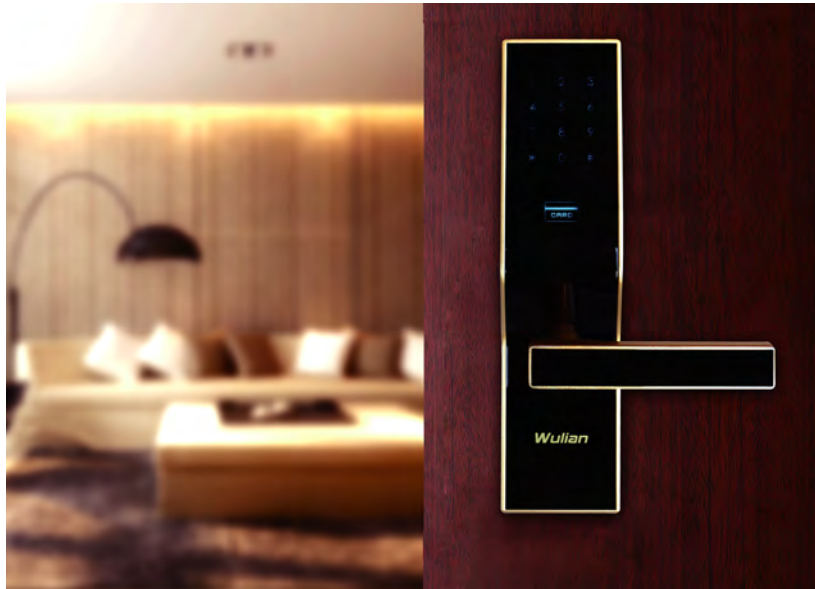
### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Smart Door Bell to notify users of visiting info via App.
3. Smart night-vision camera ensures the clarity of pictures; Enable users to check family surrounding safety via App and have video intercom with visitors; Unlock the door for visitors via App.
4. When people approach and linger longer than presetting time (above 30s), night-vision camera will take video recording (10s), and push warning message to user App.
5. With One-button control mode: Press leave-home button on the lock to turn off all the household appliances and set up defense for home security.
6. Smart glass interface for touch operation. Integrated with fingerprint and NFC door unlocking methods.
7. Support different account permissions: Users can assign passwords to visitors remotely and make restrictions on when and how many times it can be used.
8. Traditional key unlocking way reserved; Lock cylinder of the highest security level in the industry; Lock hole at the bottom of whole lock for hidden design. Fingerprint door handle for users' convenience.

### Parameter

Power Parameter:	DC 6V
Battery Type:	8*AA Battery (4 for backup)
Standby Current:	< 80μA
Emergency Power Supply:	9V Laminated Cell, USB TYPE C
Unlocking Method:	Fingerprint, Password, NFC, App, Key
Image Quality:	720P
Installation Method:	Fix by screws
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	Zinc Alloy+ABS, Silver
Packing Dimensions (L*W*H):	440*333*108 (mm)
Net Weight:	3730g
Gross Weight:	6700g

## Smart Lock (Cards & Passwords)



WL-ZLSDBMT-B110-02

### Overview

Smart lock with multiple unlocking methods. It widely applies to home, hotel apartment and office, smart and convenient.

### Features

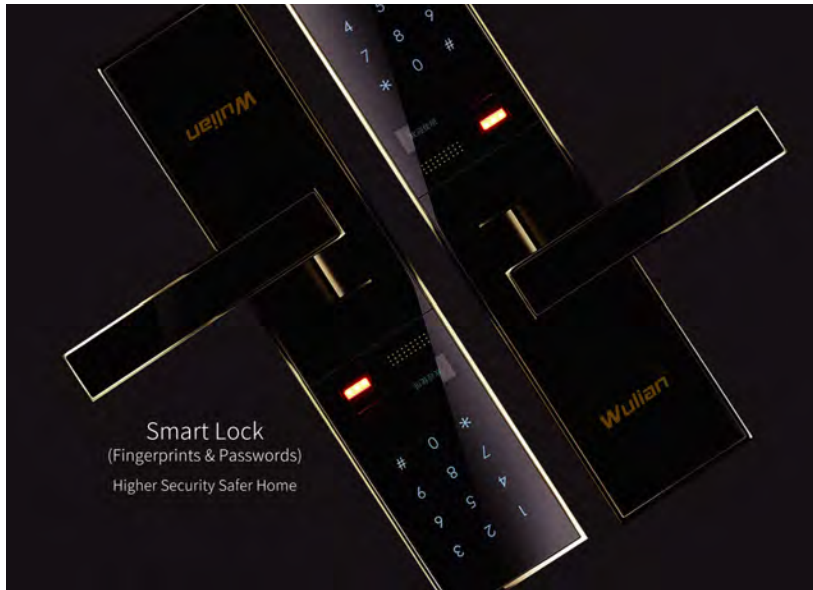
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Support multiple unlocking methods:  
Remote method: smart phone / NFC / Remote controller;  
Local method such as passwords / cards / keys; DIY door open method: users can set double safe protection, [door open with both fingerprint and passwords]
3. Support Linkage control: link certain Scenes, [Door open, back home scene / Door close, leave home scene]
4. Support touch wake and illegal operation locked to ensure security.
5. Super B lock cylinder; AN2 stainless steel lock bolt.
6. Ultra-low power consumption, long endurance.
7. Traditional key unlocking way reserved;

### Parameter

Power Parameter:	DC 6V
Battery Type:	8*AA Battery (4 for backup)
Standby Current:	< 45μA
Emergency Power Supply:	9V Laminated Cell
Unlocking Mode:	Key, Password, Card
Maximum Number of Cards:	64
Password Capacity:	One Set
Installation Method:	Fix by screws
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	Zinc Alloy, Black
Packing Dimensions (L*W*H):	430*265*125 (mm)
Net Weight:	3500g
Gross Weight:	5470g



## Smart Lock (Fingerprints & Passwords)



WL-ZLSDB-A110-03

### Overview

Smart lock with multiple unlocking methods. It widely applies to home, hotel apartment and office, smart and convenient.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Support multiple unlocking methods:  
Remote method: smart phone / NFC / Remote controller;  
Local method such as passwords / fingerprints / keys;  
DIY door open method: users can set double safe protection, [door open with both fingerprint and passwords]
3. Support Linkage control: link certain Scenes, [Door open, back home scene / Door close, leave home scene]
4. Support touch wake and illegal operation locked to ensure security.
5. Super B lock cylinder; AN2 stainless steel lock bolt.
6. Ultra-low power consumption, long endurance.
7. Traditional key unlocking way reserved.

### Parameter

Power Parameter:	DC 6V
Battery Type:	8*AA Battery (4 for backup)
Standby Current:	< 45μA
Emergency Power Supply:	9V Laminated Cell
Unlocking Method:	Password, Card, Fingerprint
Maximum Number of Fingerprints:	99
Password Capacity:	One Set
Installation Method:	Fix by screws
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	Zinc Alloy, Black
Packing Dimensions (L*W*H):	430*265*125 (mm)
Net Weight:	3500g
Gross Weight:	5470g

## Smart Door Guardian (720P)



WL-ZSPDBMA-PI13-01

### Overview

It integrates visual door bell and smart camera. After determining the identity of the visitor, user can unlock remotely.

It widely applies to smart community, hotel apartment and office, smart and convenient.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Unlike common smart door peepholes, which need display screen to co-work, Wulian door guardian is a hybrid of traditional door peephole and smart camera.
3. When used as door bell, users can receive visiting info even far away from home via phones and can view video to check who is coming. Users can also have the freedom to choose whether to receive visiting info under "Leave-Home Mode" or "Security Mode".
4. Smart camera: professional security camera, 120 ° wide angle; 100W HD pixels; support remote check and video talk; once receiving visiting info, users can choose video talk or voice intercom.
5. Night vision: 120°infrared light compensation; Can be used in dark nights.
6. Motion detection: take video recording for 10s when unknown people approach within 2 meters; Push monitoring video into mobile phone immediately.
7. Low power consumption and ultra-long battery life which is 3-10 times longer than common smart door peepholes.
8. High strength zinc alloy cover, smooth and wear resistant; Compression casting, solid and durable.

### Parameter

Power Parameter:	DC 4.2V
Battery Type:	Lithium Battery
Standby Current:	< 333μA
Networking Mode:	WiFi
Image Quality:	720P
Detecting Range:	Sector Domain (3m in front of the probe)
Infrared Night Vision:	Support
Installation Method:	Fix by screws or 3M rubber
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	Zinc Alloy+ABS+PC, Rose Gold
Packing Dimensions (L*W*H):	294*119*82 (mm)
Gross Weight:	1110g

## Smart Door Bell Button



WL-ZOEWBPW-D-02

### Overview

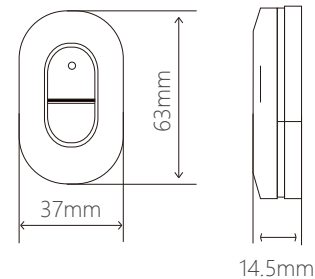
It can be used together with Smart Door Bell and controlled remotely.

Visit information will be pushed to App as well.

It widely applies to smart community, hotel apartment and office, smart and convenient.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Can be used together with Smart Door Bell and controlled remotely.
3. Small size, no wiring, portable.
4. Low power consumption, energy saving.
5. Timely local and remote receipt of information.
6. Adopt high impact-resisting materials, solid and durable.



### Parameter

Power Parameter:	DC 3V, CR2450*1
Standby Current:	≤0.5μA
Installation Method:	Wall-hanging Type, Portable Type
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	92*54*20 (mm), 63*37*14.5 (mm)
Net Weight:	35g
Gross Weight:	70g

## Smart Door Bell



**WL-ZOECNPW-B-01**

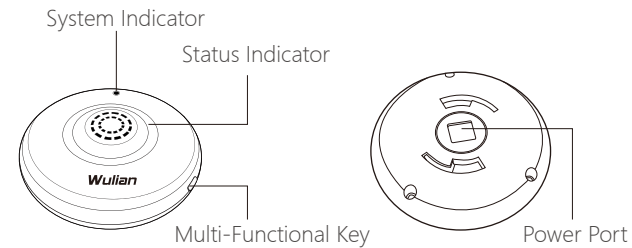
### Overview

It can be used together with Smart Door Bell Button and mobile terminals will receive message in time.

It widely applies to smart community, hotel apartment and office, smart and convenient.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Used with door bell button; Get prompts on phone.
3. Can bind with other devices to realize linkage.
4. Easy to install and operate.
5. A variety of ringtones to select.



### Parameter

Power Parameter:	100-240V AC, 50/60 Hz
Standby Power Consumption:	≤0.6W
Max Power Consumption:	2W
Alarm Decibel:	Adjustable
Installation Method:	Ceiling-mounted Type, Wall-hanging Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	98*45 (mm)
Net Weight:	90g
Gross Weight:	330g



## Smart CO2 Detector



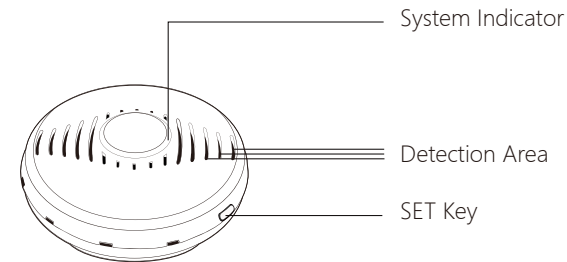
WL-ZSSCNPW-DM-01

### Overview

It can detect concentration of CO<sub>2</sub> and work with other devices, and applies to bedroom, study room, kitchen, bathroom, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can detect concentration of CO<sub>2</sub> and link with Window Opener or other air cleaning facility to keep indoor with fresh air, which all can be seen on App.
3. Shell adopts high impact-resisting materials, solid and durable.



### Parameter

Power Parameter:	100-240V AC, 50/60Hz
Detection Range:	400~2000 ppm
Alarm Threshold:	1200 ppm (default)
Detecting Gas Type:	CO <sub>2</sub>
Maximum Power Consumption:	< 13W
Standby Power Consumption:	< 8W
Communication Distance:	300m (depend on specific environmental conditions)
Installation Method:	Ceiling-mounted Type, Wall-hanging Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimension (diameter*thickness):	98*45 (mm)
Net Weight:	85g
Gross Weight:	305g

## Smart Light Sensor



WL-ZSSWBPW-AL-01

### Overview

Apply to monitor indoor illumination;  
Support linkage control with other devices in the place where has requirement for lighting. For example, it can be installed in front of window to realize group linkage with curtain by detecting the light.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Wireless design, small size, easy to install.
3. Real-time detect indoor light intensity.
4. Low power consumption, energy saving.
5. Advanced circuit and control chip can keep the device linked and prevent it from dropping.
6. Group linkage with relevant devices like smart switches or curtain motor to realize scene control.
7. Stylish and exquisite design.

### Parameter

Power Parameter:	DC 3V, CR2*1
Standby Current:	< 2μA
Communication Distance:	100m (depend on specific environmental conditions)
Anti-visible Light:	≥8000LUX
Effective Light Receiving Angle:	±60°
Light Range:	1-65535 lx
Installation Method:	Portable Type, Base-fixed
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimension (diameter*thickness):	64*36 (mm)
Net Weight:	30g
Gross Weight:	153g

## Smart Temperature & Humidity Sensor



Support Group Linkage with Smart Devices  
Bring Ease and Comfort in a Second

**WL-ZSSWBPW-TH-01**

### Overview

Apply to detect temperature & humidity indoors;  
Support linkage control the places where have requirement for temperature and humidity, such as kitchen, bathroom, baby room, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom)
2. It can detect temperature & humidity and send the data to App by ZigBee protocol. So that user can control linked devices remotely to keep the indoor environment healthy.
3. When the voltage of battery is too low, mobile terminals will receive undervoltage alarm to remind user of replacing battery.
4. Low power consumption, energy saving.
5. Wireless design, small size, easy to install.
6. Stylish and exquisite design.

### Parameter

Power Parameter:	DC 3V, CR2*1
Standby Current:	< 2μA
Detection Power Consumption:	< 10mA
Communication Distance:	100m (depend on specific environmental conditions)
Measuring Temperature Range / Precision:	(-10°C~0°C /±1°C) (0°C~+60°C /±0.5°C) (60°C~70°C /±1°C)
Measuring Humidity Range / Precision:	5%~95%RH/±4.5
Installation Method:	Base-fixed
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimension (diameter*thickness):	64*32 (mm)
Net Weight:	34g
Gross Weight:	170g



## Smart control

Through appliance control system, you can use smart phones to control electrical appliances remotely, such as turning on/off, timing, linkage with other sensors and scene management. Various remote controllers that you always can't find will be instead now.

## Smart IR Transmitter (Top Emitted)



WL-ZTPWBPW-I001-02

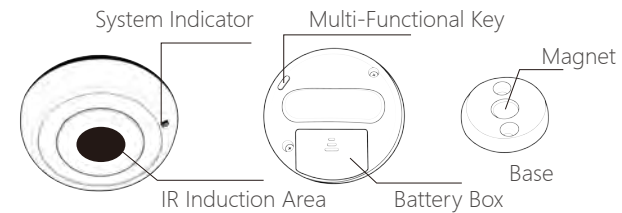
### Overview

It can convert IR signal into ZigBee signal, add traditional home appliances to ZigBee smart home system, and replace IR remote controllers to control appliances like TV/AC/Projector.

It widely applies to villa, smart community, hotel apartment and office, convenient and safe.

### Features

1. Communication Mode: IEEE802.15.4 (ZigBee/SmartRoom)
2. Replace IR remote controllers, control appliances like TV/AC/Projector.
3. Delicate design, easy to install.
4. Support remote control.
5. Support time setting/linkage control/scene management.



### Parameter

Power Parameter:	DC 3V, CR2 battery*1
Standby Power Consumption:	7μA
Control Distance:	5m
Control Angle:	45°
Installation Method:	Portable Type, Base-fixed
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	64*32 (mm)
Net Weight:	35g
Gross Weight:	80g

## Smart IR Transmitter (Full Direction)



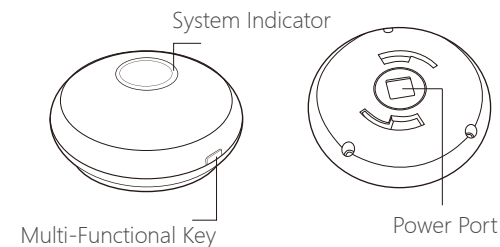
WL-ZTPCNPB-I020-01

### Overview

It can link ZigBee/SmartRoom wireless signal and IR wireless signal to control devices which are controlled by IR remote controller, such as TV, air conditioning, electric curtain and so on, and widely applies to villa, smart community, hotel apartment and office, convenient and safe.

### Features

1. Communication Mode: IEEE802.15.4 (ZigBee/SmartRoom).
2. Replace IR remote controllers, control appliances like TV/AC/Projector.
3. Launch IR signal in 360 degree, high accuracy.
4. High safety factor, stable signal transmission.
5. Realize time setting/linkage control/scene management.



### Parameter

Power Parameter:	100-240V AC, 50-60Hz
Standby Power Consumption:	≤0.5W
Control Distance:	5m
Control Angle:	360° (Full Direction)
Installation Method:	Ceiling-mounted Type, Wall-hanging Type
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC, Dark Red
Dimensions (diameter*thickness):	98*52 (mm)
Net Weight:	95g
Gross Weight:	350g

## Smart Thermostat (USA Standard)



WL-ZTCWNPW-H2-01

### Overview

It can replace the traditional temperature control panel to realize time setting/linkage control/scene management, and widely applies to villa, smart community, hotel apartment and office, convenient and safe.

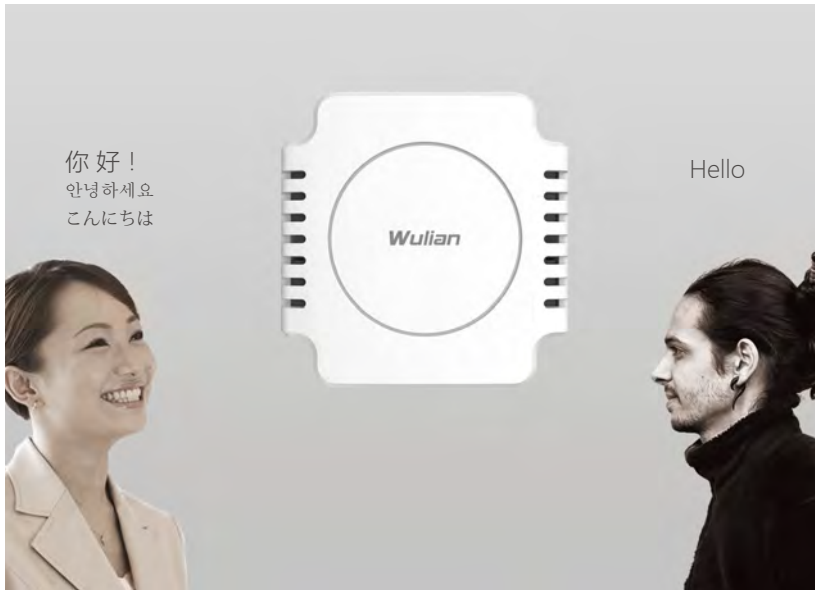
### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom)
2. LED dot matrix display screen.
3. Touch control.
4. Support near field wake-up of the operation screen.
5. Crisp beep sound and slight touch vibration combined.
6. Metallic Frame, 2.5D Tempered Glass, E2C Coating.
7. Well-matched for American Standard HVAC System.

### Parameter

Power Parameter:	AC 24V 50-60Hz or 2*AAA battery (1.5V)
Standby Current:	< 60mA
Communication Distance:	Max. 100m in open area (depend on specific environmental conditions)
Range of Temperature Control:	50°F~90°F/10°C~32°C
Sensor Precision:	±1°C
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, Black
Dimensions (L*W*H):	112*138*37 (mm)
Net Weight:	235g
Gross Weight:	430g

## Smart Translator (Serial Port)



WL-ZWWWDPW-0101-01

### Overview

It can convert wired transmission signal into wireless output signal by ZigBee protocol to control Daikin central VRV series air conditioning, and widely applies to villa, smart community, hotel apartment and office, convenient and safe.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Convert wired transmission signal into wireless output signal by ZigBee protocol.
3. Support 232/485 protocol to control docking and realize systemic integration of central air-conditioning and background music. such as control the Daikin central VRV series air conditioning.
4. Support controlling dry contact.

### Parameter

Power Supply:	DC 12V
Standby Power Consumption:	0.5W
Serial Interface Type:	RS-232, RS-485
Installation Method:	Wall-hanging Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	51*51*20 (mm)
Net Weight:	30g
Gross Weight:	150g

## Smart Touch Curtain Switch



WL-ZCCWNGW-C111211-02

### Overview

With the use of AC motor, it can realize local/remote check and control following devices:

1. Electrical roller blinds
2. Shutter in hotel, villa, flats
3. Lift shutter in the hall
4. Electrical sunshade curtain
5. Electronic shutter
6. Honeycomb blinds & Pleated blinds
7. Shangri-La blind
8. Roman blind
9. roller shutter door

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. With the use of AC motor, it can realize local/remote check and control.
3. Open or close the curtain by a touch or press on the switch panel or via App, free your hand.
4. Support time setting and linkage control to bring convenience.
5. Touch button design, simple and stylish.

### Parameter

Power Parameter:	100-240V AC ,50/60Hz
Load Type:	AC Curtain Motor
Motor Power:	125W, 50/60Hz
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	Tempering Glass, White
Base Dimensions (L*W*H):	65*49*28 (mm) (Please refer to dimension drawing for details)
Dimensions (L*W*H):	86*87*38 (mm)
Net Weight:	191g
Gross Weight:	350g

## Smart Curtain Controller (Tempering Glass)



SR-ZCCWNPW-C111111-02

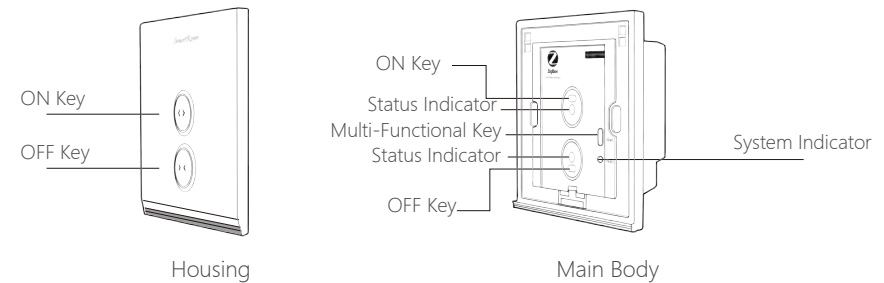
### Overview

With the use of AC motor, it can realize local/remote check and control following devices:

1. Electrical roller blinds
2. Shutter in hotel, villa, flats
3. Lift shutter in the hall
4. Electrical sunshade curtain
5. Electronic shutter
6. Honeycomb blinds & Pleated blinds
7. Shangri-La blind
8. Roman blind
9. roller shutter door

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. With the use of AC motor, it can realize local/remote check and control.
3. Open or close the curtain by a touch or press on the switch panel or via App, free your hand.
4. Support time setting and linkage control to bring convenience.



### Parameter

Power Parameter:	100-240V AC ,50/60Hz
Load Type:	AC Curtain Motor
Motor Power:	125W, 50/60Hz
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Base Dimensions (L*W*H):	65*49*28 (mm) (Please refer to dimension drawing for details)
Dimensions (L*W*H):	86*87*40 (mm)
Net Weight:	145g
Gross Weight:	330g

## Smart Curtain Motor



SR-ZCCENPW-M142011-02

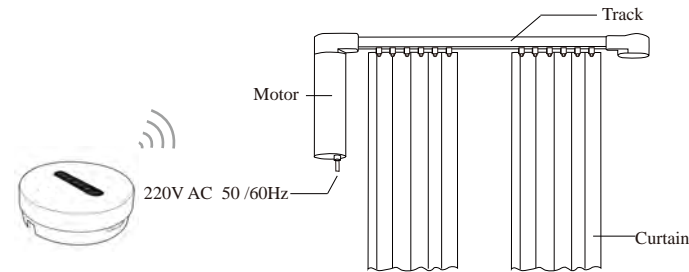
### Overview

Smart Curtain Motor, supports remote/local control, time setting, scene management and linkage control. It can control following devices:

1. Shutter in the bedroom
2. Shutter in the high windows
3. Shutter on the balcony

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Open or close the curtain by a touch or press on the switch panel or via App, free your hand.
3. Support time setting and linkage control to bring convenience.
4. Design of noiseless; Stop when facing with obstacles.
5. Keep the traditional operation method.



### Parameter

Power Parameter:	AC 220V±10% ,50/60Hz
Standby Power Consumption:	≤0.1W
Input Power:	75W
Load Capacity:	100kg
Rotate Speed:	112r/min
Rated Current:	0.34A
Installation Method:	Clamping Hold
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	250*53*71 (mm)
Net Weight:	1100g
Gross Weight:	1240g



## Smart Water Valve



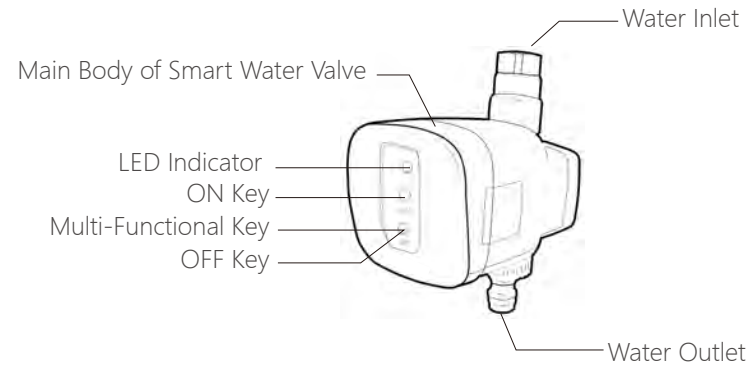
WL-ZGPGBPG-W-01

### Overview

Smart Water Valve, control the water-use in the kitchen and bathroom, Can be used irrigation system in the garden.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Remotely turn on/off water valve and set working time (say 25 min), will turn off automatically in its default working time (10 min) .
3. Can be linked by light sensor / temperature & humidity sensor /Rain Sensor.
4. Timing: user can set exact working time (say every 7:00 a.m.)



### Parameter

Power Parameter:	6V, AA battery*4
Standby Current:	<40μA
Water Pressure:	0.02~0.8Mpa
Water Flow:	0.02Mpa≥3L/min; 0.1Mpa≥12L/min; 0.8Mpa≥32L/min
Installation Method:	Floor-Mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, Gray
Dimensions (L*W*H):	76*108*87 (mm)
Net Weight:	528g
Gross Weight:	900g

## Smart Switch (32A)



WL-ZGCRNPW-S3011-02

### Overview

It applies to smart transform of electrical engineering in traditional industry.

1. Lighting, HVAC, security, electric curtains, water heater, TV, environmental monitoring, etc.
2. Intelligent office area;
3. Hotel, dormitory, apartment;
4. Distributed property.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Maxim power detection chip: more accurate and sensitive in detection of high power electrical appliance.
3. More advance algorithm for peak hour power detection, saving energy and create green living style.
4. Encrypted transmission executing parts to upgrade air-circuit breaker, ensuring high safety of power use.
5. User-friendly operation like time setting, scene management, to maximally manage power use.
6. Energy statistics management to get real-time feedback pf power consumption. Users can turn off family power consumption remotely via App.
7. Can be adopted by energy control system to apply into distributed and centered property management system like apartments, hotels, offices or commercials.

### Parameter

Power Parameter:	100-240V AC ,50/60Hz
Standby Power Consumption:	≤0.5W
Rated Current:	32A
Installation Method:	Guide Rail
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Base Dimensions (L*W*H):	90*36*66 (mm)
Net Weight:	219g
Gross Weight:	258g

## Smart Wall Socket-Outlet (UK Type)



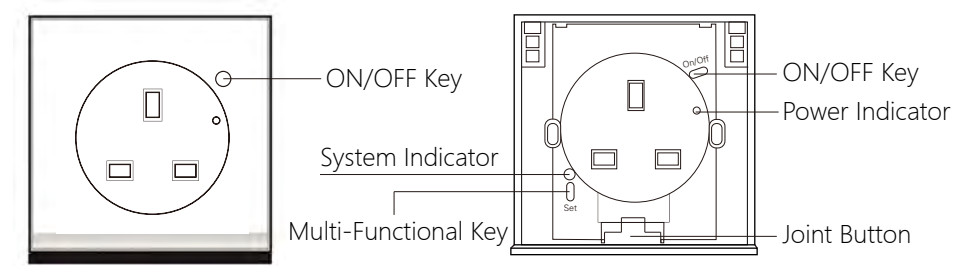
WL-ZSKWNPW-W3160-01

### Overview

Conform to the UK standard; Support remote controlling the socket power; Provide power for electrical appliances with smart control via App, efficient and energy-saving.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Conform to the UK standard; supply or cut off power remotely via smart phone to save energy.
3. Real-time feedback, see the status of home appliance to avoid fire disaster.
4. Support customized scene modes and realize linkage control with other devices.
5. Timing the smart socket to supply power or cut off power at certain time to realize smart control on home appliance
6. Overload protection, safe for use.



### Parameter

Power Parameter:	250V AC, 50/60Hz
Rated Current:	13A
Maximum Resistance Load:	2500W
Maximum Inductive & Capacitive Load:	1500W
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC, White
Base Dimensions (L*W*H):	68*62*28 (mm) (Please refer to dimension drawing for details)
Dimensions (L*W*H):	86.8*87*40 (mm)

## Smart Wall Plug (UK Type, Metering Type)



WL-ZSKMNPW-M3161-02

### Overview

Conform to the UK standard; Support remote controlling the socket power, and get real-time data of power consumption.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Conform to the UK standard; Support remote controlling the socket power.
3. Mobile type, plug and play.
4. Metering type, get real-time data of power consumption.
5. Support customized scene modes and linkage control.
6. Manager the electricity by time setting, linkage control and peak-power limitation, saving your time.
7. Overload protection, safe for use.

### Parameter

Power Parameter:	250V AC, 50/60Hz
Maximum Rated Current:	13A
Standby Power Consumption:	≤0.5W
Maximum Resistance Load:	2500W
Maximum Inductive & Capacitive Load:	1500W
Installation Method:	Portable Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	112*57*65 (mm)
Net Weight:	144g
Gross Weight:	360g

## Smart Wall Plug (European Type, Metering Type) Features



WL-ZSKMNPW-M3131-03

### Overview

Conform to the European standard; Support remote controlling the socket power, and get real-time data of power consumption.

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Conform to the European standard; Support remote controlling the socket power.
3. Mobile type, plug and play.
4. Metering type, get real-time data of power consumption.
5. Support customized scene modes and linkage control.
6. Manager the electricity by time setting, linkage control and peak-power limitation, saving your time.
7. Overload protection, safe for use.

### Parameter

Power Parameter:	250V AC, 50/60Hz
Maximum Rated Current:	16A
Standby Power Consumption:	≤0.5W
Maximum Resistance Load:	2500W
Maximum Inductive & Capacitive Load:	1500W
Installation Method:	Portable Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	112*57*78 (mm)
Net Weight:	140g
Gross Weight:	357g

## Smart Wall Socket-Outlet (USA Type)



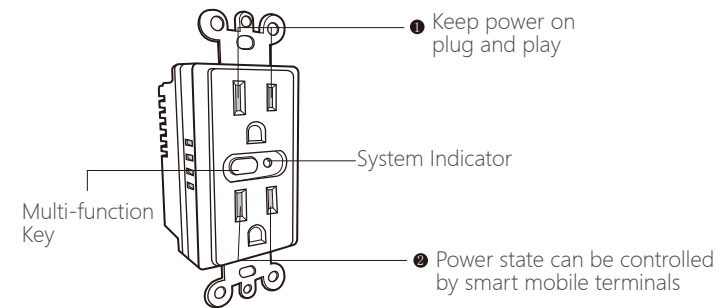
WL-ZSKWNPW-W3140-01

### Overview

Conform to the USA standard; Support remote controlling the socket power.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom)
2. Conform to the US standard; supply or cut off power remotely via smart phone to save energy.
3. Real-time feedback, see the status of home appliance to avoid fire disaster.
4. Support customized scene modes and realize linkage control with other devices.
5. Timing the smart socket to supply power or cut off power at certain time to realize smart control on home appliance
6. Overload protection, safe for use.



### Parameter

Power Parameter:	125V AC, 50/60Hz
Maximum Rated Current:	15A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	1800W
Maximum Inductive & Capacitive Load:	1000W
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	104*42.5*41 (mm)
Net Weight:	110g
Gross Weight:	190g

## Smart Wall Plug (USA Type, Metering Type)



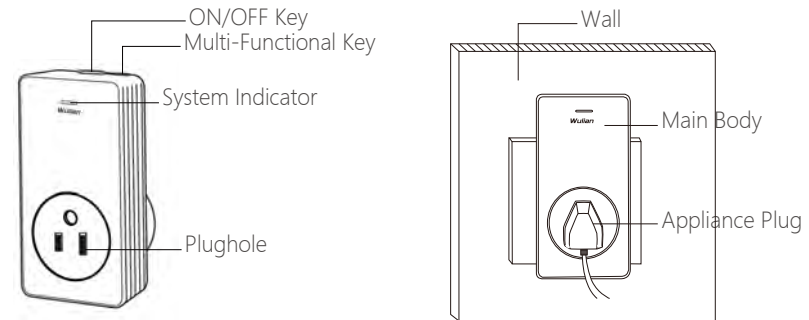
WL-ZSKMNPW-M3141-02

### Overview

Conform to the USA standard; Support remote controlling the socket power, and get real-time data of power consumption.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom)
2. Overload protection, safe for use.
3. Metering type, get real-time data of power consumption.
4. Manager the electricity by time setting, linkage control and peak-power limitation, saving your time.



### Parameter

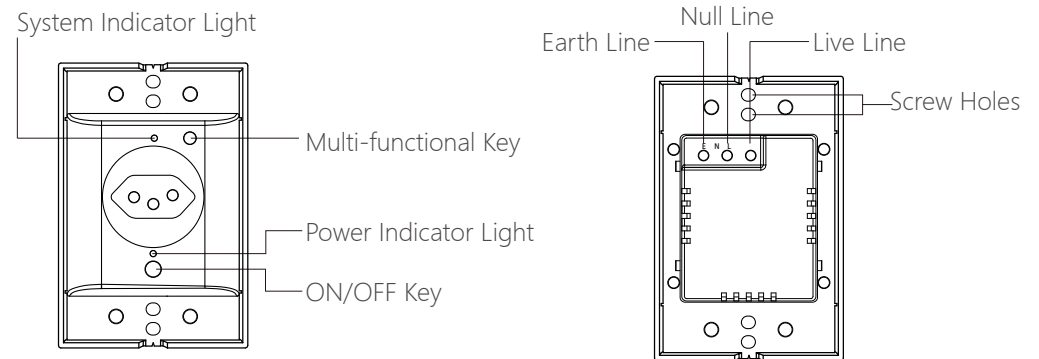
Power Parameter:	125V AC, 50/60Hz
Maximum Rated Current:	15A
Standby Power Consumption:	≤0.5W
Maximum Resistance Load:	1800W
Maximum Inductive & Capacitive Load:	1000W
Installation Method:	Portable Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	112*57*61 (mm)
Net Weight:	130g
Gross Weight:	347g

## Smart Wall Socket-Outlet (Brazilian Type)



### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Conform to the Brazilian standard; Support remote controlling the socket power.
3. Get real-time data of power consumption and control it at anytime.
4. Support customized scene modes and linkage control.
5. Overload protection, safe for use.



### Parameter

Power Parameter:	127V/220V AC, 50/60Hz
Rated Maximum Current:	10A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	1200W/2000W
Maximum Inductive & Capacitive Load:	800W/1400W
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C ~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	116.5*75*44.2 (mm)
Net Weight:	160g

WL-ZSKWNPW-W3150-01

### Overview

Conform to the Brazilian standard; Support remote controlling the socket power.



## Smart Wall Plug (Australian Type, Metering Type)



WL-ZCMNPW-3151-01

### Overview

Support remote controlling the socket power, and get real-time data of power consumption.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Conform to the Australian standard; Support remote controlling the socket power.
3. Mobile type, plug and play.
4. Metering type, get real-time data of power consumption.
5. Support customized scene modes and linkage control.
6. Manage the electricity by time setting, linkage control and peak-power limitation, saving your time.
6. Overload protection, safe for use.

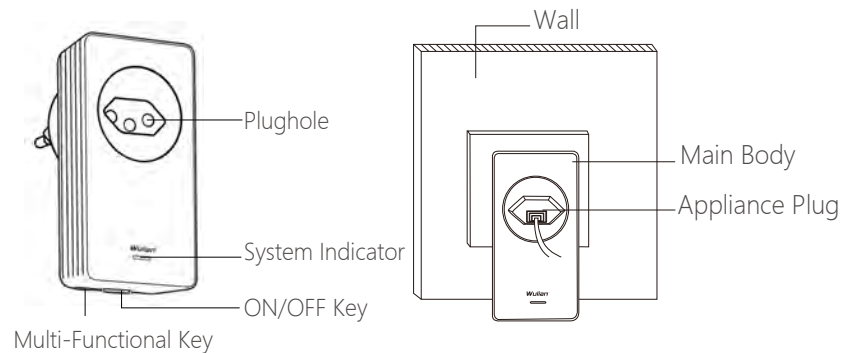
### Parameter

Power Parameter:	250V AC, 50/60Hz
Maximum Rated Current:	10A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	2500W
Maximum Inductive & Capacitive Load:	1500W
Installation Method:	Portable Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	113*57.2*62 (mm)
Net Weight:	155g
Gross Weight:	180g

## Smart Wall Plug (Brazilian Type, Metering Type) Features



1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Conform to the Brazilian standard; Support remote controlling the socket power.
3. Mobile type, plug and play.
4. Metering type, get real-time data of power consumption.
5. Support customized scene modes and linkage control.
6. Manager the electricity by time setting, linkage control and peak-power limitation, saving your time.
7. Overload protection, safe for use.



WL-ZCMNPW-3151-01

### Overview

Conform to the Brazilian standard; Support remote controlling the socket power, and get real-time data of power consumption.

### Parameter

Power Parameter:	250V AC, 50/60Hz
Rated Maximum Current:	10A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	1200W/2000W
Maximum Inductive & Capacitive Load:	800W/1400W
Installation Method:	Portable
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	112*57*51 (mm)

## Smart lighting system

The Wulian smart lighting system can be controlled remotely via the APP on Smart terminal and can create different lighting colors as per various requirements, adjust light intensity, and supports time setting/linkage control/scene management.

## Smart Wall Switch (USA Type, One-Gang, L&N) Features



1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.

### Parameter

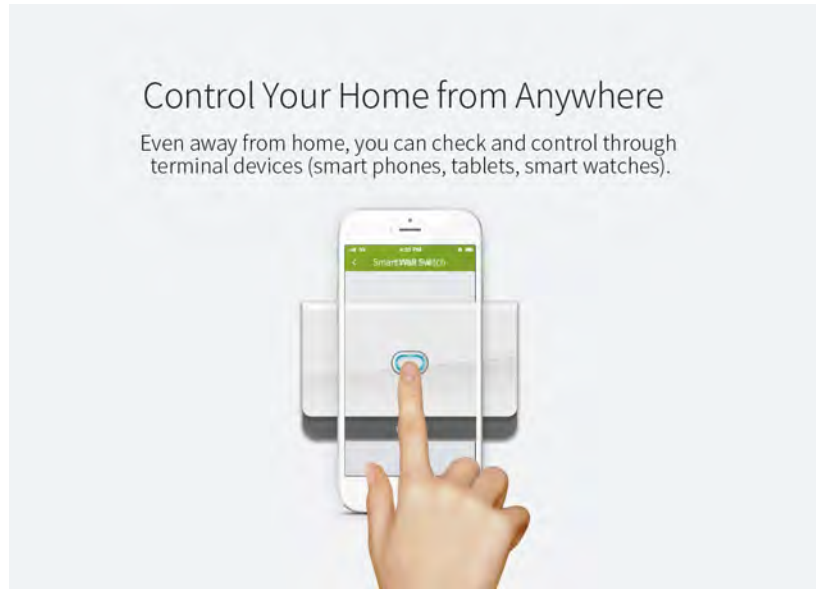
Power Parameter:	125V AC, 50/60Hz
Rated Maximum Current:	15A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	1800W
Maximum Inductive & Capacitive Load:	1000W
Type:	USA Type, One-Gang, L&N
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	105*54.5*43.5 (mm)
Net Weight:	110g
Gross Weight:	249g

WL-ZCSWNPW-S1314-01

### Overview

It is used to control lighting (L&N) and supports time setting/linkage control/scene management.

## Smart Wall Switch (Australian Type, One-Gang, L&N)



WL-ZCSWNPW-S1312-01

### Overview

It is used to control lighting (L&N) and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.

### Parameter

Power Parameter:	250V AC, 50/60Hz
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	2500W
Maximum Inductive & Capacitive Load:	1500W
Type:	Australian Type, One-Gang, L&N, 10A
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	116.5*75*36.4 (mm)
Net Weight:	140g
Gross Weight:	230g

## Smart Wall Switch (Australian Type, Two-Gang, L&N, 10A)



WL-ZCSWNPW-S1322-01

### Overview

It is used to control lighting (L&N) and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.

### Parameter

Power Parameter:	250V AC, 50/60Hz
Rated Maximum Current:	10A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	2500W
Maximum Inductive & Capacitive Load:	1500W
Type:	Australian Type, One-Gang, L&N, 10A
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	116.5*75*36.4 (mm)
Net Weight:	140g
Gross Weight:	231g

## Smart Dimmer Switch (Australian Type, L)



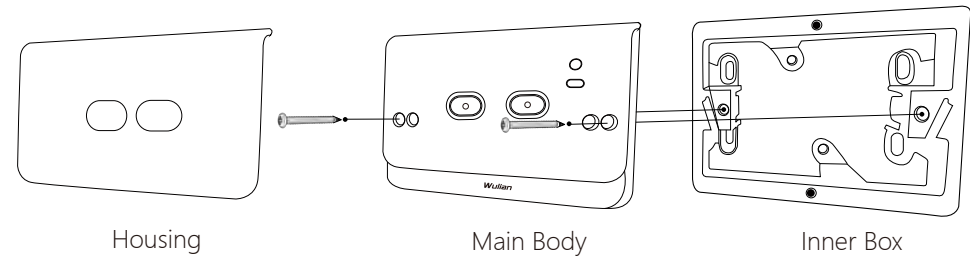
WL-ZCSWNPW-D1112-01

### Overview

It can be controlled by App to adjust light intensity, and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom)
2. It can link with smart sensor to realize people come lights on.
3. Support time setting.
4. Scene editing, regional management, customize return-home and leave-home mode by a press.



### Parameter

Power Parameter:	250V AC, 50/60Hz
Standby Power Consumption:	≤0.5W
Load Capability:	300W Resistive load (incandescent lamp, halogen lamp)
Minimum Load:	25W
Type:	Australian Type, L, One-Gang, Dimmer
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	116.5*75*36.4 (mm )

## Smart Wall Switch (Brazilian Type, One-Gang, L&N)



WL-ZCSWNPW-D1115-01

### Overview

It is used to control lighting (L&N) and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.

### Parameter

Power Parameter:	127V/220V AC, 50/60Hz
Rated Maximum Current:	10A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	1200W/2000W
Maximum Inductive & Capacitive Load:	800W/1400W
Type:	Brazilian Type, One-Gang, L&N
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	116.5*75*36.4 (mm)



## Smart Wall Switch (Brazilian Type, Two-Gang, L&N)



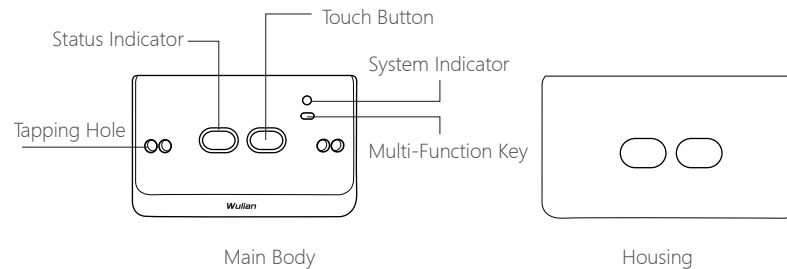
WL-ZCSWNPW-S1325-01

### Overview

It is used to control lighting (L&N) and supports time setting/linkage control/scene management.

### Features

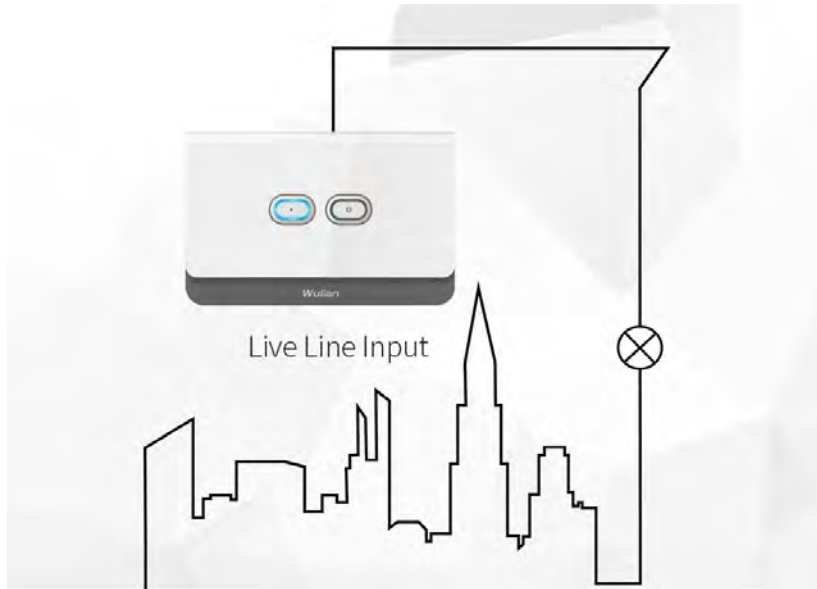
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Adjust the lighting intensity of lighting lamps; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.



### Parameter

Power Parameter:	127V/220V AC, 50/60Hz
Rated Maximum Current:	10A
Standby Power Consumption:	≤0.3W
Maximum Resistance Load:	1200W/2000W
Maximum Inductive & Capacitive Load:	800W/1400W
Type:	Brazilian Type, Two-Gang, L&N
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	116.5*75*36.4 (mm)

## Smart Dimmer Switch (Brazilian Type, L)



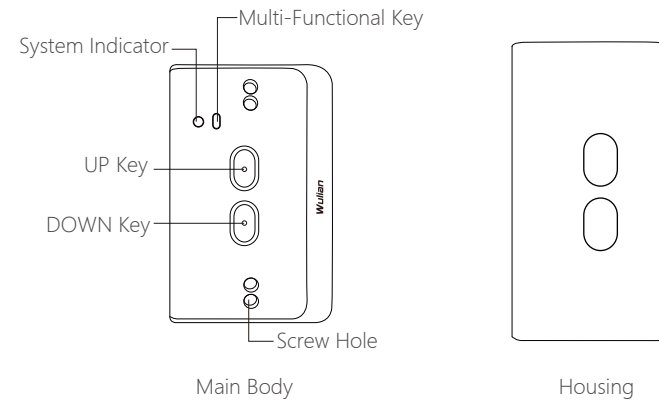
WL-ZCSWNPW-S1115-01

### Overview

It can be controlled by App to adjust light intensity, and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can link with smart sensor to realize people come lights on.
3. Support time setting.
4. Scene editing, regional management, customize return-home and leave-home mode by a press.



### Parameter

Power Parameter:	127V/220V AC, 50/60Hz
Load Capability:	300W Resistive load (incandescent lamp, halogen lamp)
Minimum Load:	25W
Type:	Brazilian Type, L, One-Gang, Dimmer
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, White
Dimensions (L*W*H):	116.5*75*36.4 (mm )
Net Weight:	130g

## Smart Embedded Switch (Two-Gang)



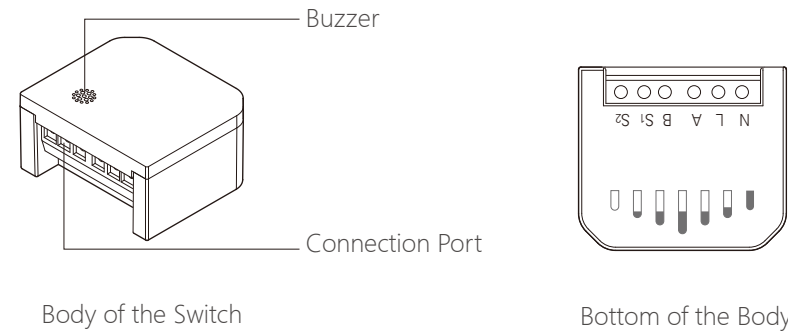
WL-ZGCENPW-S082-01

### Overview

It is used to transfer normal switch into smart lighting and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Embedded design, keep the existed switch and transform traditional wall switches into smart ones.
3. Link with scene and binding switch to achieve circuit transform.



### Parameter

Power Parameter:	100-250V AC, 50/60Hz
Standby Power Consumption:	≤0.75W
Rated Current:	8A
Maximum Resistance Load of Total Lines:	1760W (rated voltage of 220V)
Maximum Inductive & Capacitive Load of Total Lines:	1000W (rated voltage of 220V)
Type:	Embedded Switch (8A)
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	43*37*18 (mm)
Net Weight:	34g
Gross Weight:	160g

**Wulian**<sup>®</sup>



## Overview

It is used to control lighting (L) and supports time setting/linkage control/scene management through App. It applies to:

1. Smart lighting;
2. Lighting circuit which needs remote control.

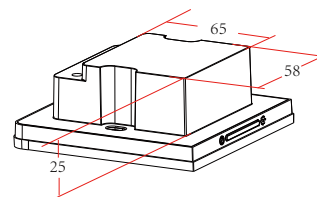
## Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Advanced proprietary single-live-line technology. No need to do rewiring when transform traditional home into smart ones. Ensure wide range power matching and ensure power stability. Enable App remote control and get feedback of on/off status of switches.
3. Can be connected to co-work with PIR Motion Detector, Light Sensor and others. Realize "people come lights on" or adjust light intensity according to indoor light.
4. Support time setting, and lights can be turned on/off according to users' specific setting.
5. Scene management: edit scenes like "Leave-Home", "Coming-Home" and thus control lighting devices with one button to live efficiently and easily.
6. Metallic cover, easy to fit into different decoration styles
7. Multifunctional keys for user to DIY or self-maintain; customize your smart home.
8. No volt release protection, caring for the details of family power security.

## Parameter

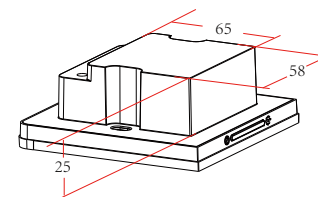
Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.5W
Maximum Resistance Load of Total Lines (bulb):	2000W/1000W (rated voltage of 220V/110V)
Maximum Inductive & Capacitive Load of Total Lines (bulb):	1400W/600W (rated voltage of 220V/110V)
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+Al, White+Sliver
Dimensions (L*W*H):	86*86*35 (mm)

Smart Metallic Switch  
(10A, L, One-Gang)  
WL-ZCSWLMS-S1311-01



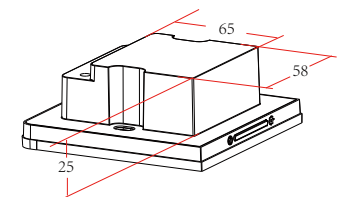
Net Weight: 170g  
Gross Weight: 285g

Smart Metallic Switch  
(10A, L, Two-Gang)  
WL-ZCSWLMS-S1321-01



Net Weight: 174g  
Gross Weight: 293g

Smart Metallic Switch  
(10A, L, Three-Gang)  
WL-ZCSWLMS-S1331-01



Net Weight: 190g  
Gross Weight: 305g

## Smart Touch Dimmer Switch (One-Gang, L)



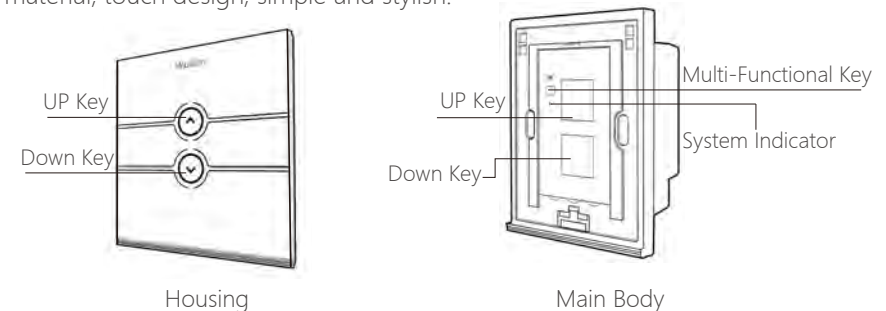
WL-ZCSWLGW-D2111-01

### Overview

It can be controlled by App to adjust light intensity, and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can be controlled by App to adjust light intensity.
3. It can link with smart sensor to realize people come lights on.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.
6. Glass material, touch design, simple and stylish.



### Parameter

Power Parameter:	100-240V AC, 50/60Hz
Minimum Load:	25W
Maximum Resistance Load:	300W
Type:	One-Gang, L, Touch, Dimmer
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	Tempering Glass, White
Base Dimensions (L*W*H):	65*49*28 (mm) (Please refer to dimension drawing for details)
Dimensions (L*W*H):	86*86*36 (mm)
Net Weight:	160g
Gross Weight:	310g

## Smart Dimmer Switch (L)



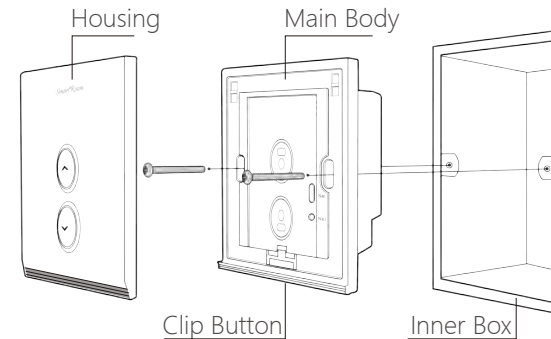
SR-ZCSWLPW-D1111-01

### Overview

It can be controlled by App to adjust light intensity, and supports time setting/linkage control/scene management.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can be controlled by App to adjust light intensity.
3. It can link with smart sensor to realize people come lights on.
4. Support time setting.



### Parameter

Power Parameter:	110-240V AC 50/60Hz
Minimum Load:	25W
Maximum Resistive Load:	300W
Standby Power Consumption:	≤0.3W
Type:	One-Gang, L, Dimmer
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Base Dimensions (L*W*H):	65*49*28 (mm) (Please refer to dimension drawing for details)
Dimensions (L*W*H):	86*87*40 (mm)
Net Weight:	137g
Gross Weight:	192g





## Overview

It is used to control lighting (L) and supports time setting/linkage control/scene management through App. It applies to:

1. Smart lighting;
2. Lighting circuit which needs remote control;
3. Without null line in the wall.

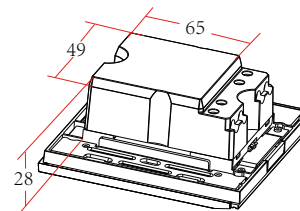
## Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.
6. Unique live line technology, easy wiring and bring peace of mind.
7. With capacitive touch technology, it is safer to operate through glass even by wet hand, which is suitable for the bathroom, laundry room, kitchen.
8. Equipping with a more efficient signal processing algorithm makes the signal coverage more uniform and perfect and the system more stable.
9. MCU adopts iterated integral design, durable in use.

## Parameter

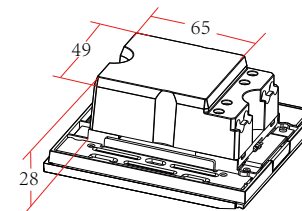
Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.03W
Maximum Resistance Load of Total Lines (bulb):	2000W/1000W (rated voltage of 220V/110V)
Maximum Inductive & Capacitive Load of Total Lines (bulb):	1400W/600W (rated voltage of 220V/110V)
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C ~ +45°C/≤95%RH (noncondensing)
Material & Color:	Tempering Glass, White
Dimensions (L*W*H):	86*87*38 (mm)

Smart Touch Switch  
(One-Gang, L)  
WL-ZCSWLGW-S2311-04



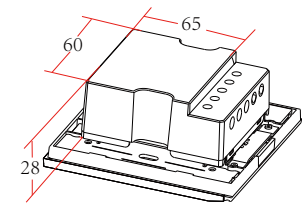
Net Weight: 152g  
Gross Weight: 317g

Smart Touch Switch  
(Two-Gang, L)  
WL-ZCSWLGW-S2321-04



Net Weight: 180g  
Gross Weight: 332g

Smart Touch Switch  
(Three-Gang, L)  
WL-ZCSWLGW-S2331-04



Net Weight: 145g  
Gross Weight: 305g



## Overview

It is used to control lighting (L) and supports time setting/linkage control/scene management through App. It applies to:

1. Smart lighting;
2. Lighting circuit which needs remote control;
3. Without null line in the wall.

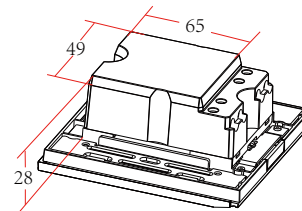
## Parameter

Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.03W
Maximum Resistance Load of Total Lines (bulb):	2000W/1000W (rated voltage of 220V/110V)
Maximum Inductive & Capacitive Load of Total Lines (bulb):	1400W/600W (rated voltage of 220V/110V)
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C ~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	86*87*40 (mm)

## Features

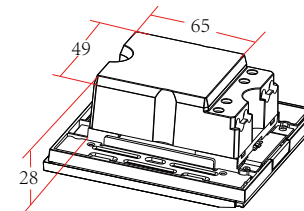
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.
6. Unique live line technology, easy wiring and bring peace of mind.

Smart Switch (One-Gang, L)  
SR-ZCSWLPW-S1311-04



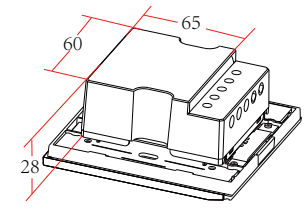
Net Weight: 145g  
Gross Weight: 295g

Smart Switch (Two-Gang, L)  
SR-ZCSWLPW-S1321-04



Net Weight: 160g  
Gross Weight: 310g

Smart Switch (Three-Gang, L)  
SR-ZCSWLPW-S1331-04



Net Weight: 180g  
Gross Weight: 332g



## Overview

It is used to control lighting (L) and supports time setting/linkage control/scene management through App. It applies to:

1. Smart lighting;
2. Lighting circuit which needs remote control;
3. Without null line in the wall.

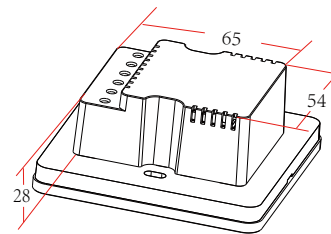
## Parameter

Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.03W
Maximum Resistance Load of Total Lines (bulb):	2000W/1000W (rated voltage of 220V/110V)
Maximum Inductive & Capacitive Load of Total Lines (bulb):	1400W/600W (rated voltage of 220V/110V)
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	86*86*37 (mm)

## Features

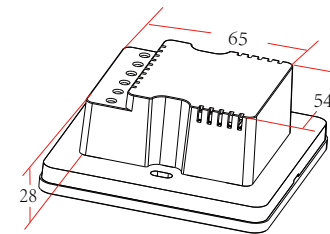
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.
6. Unique live line technology, easy wiring and bring peace of mind.
7. Innovative panel installed by magnetic absorption is convenient and efficient.

Smart Switch (One-Gang, L)  
WG-ZCSWLPW-S1311-02



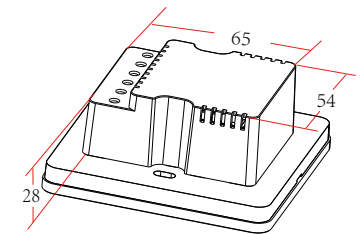
Net Weight: 140g  
Gross Weight: 292g

Smart Switch (Two-Gang, L)  
WG-ZCSWLPW-S1321-02



Net Weight: 144g  
Gross Weight: 302g

Smart Switch (Three-Gang, L)  
WG-ZCSWLPW-S1331-02



Net Weight: 155g  
Gross Weight: 302g

## Smart Load Amplifier



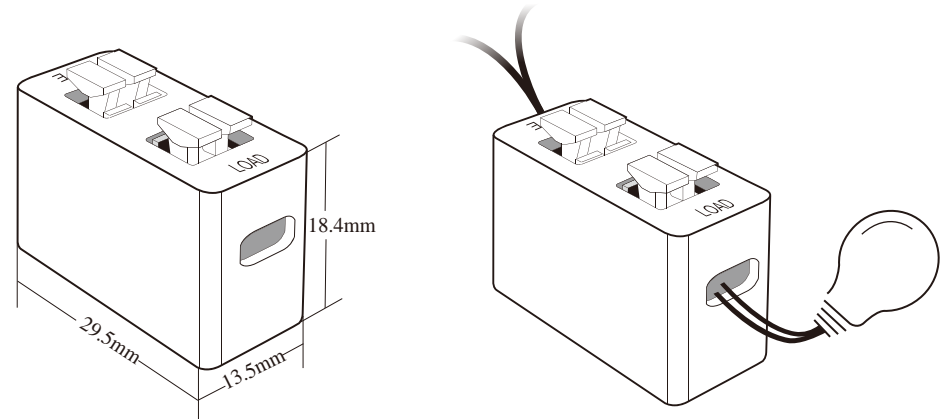
WL-NLAMPLPW-V0100000-01

### Overview

It applies to improve lighting of small power lighting load.

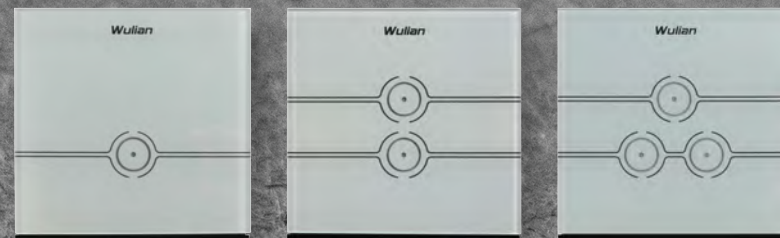
### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Unique current enhancement technology to improve lighting of small power lighting load.



### Parameter

Power Parameter:	110~240V AC, 50/60Hz
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C ~ +45°C / ≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	29.5*13.5*18.4 (mm)
Net Weight:	5g
Gross Weight:	54g



## Overview

It is used to control lighting (L&N) and supports time setting/linkage control/scene management through App. It applies to:

1. Smart lighting;
2. Lighting circuit which needs remote control.

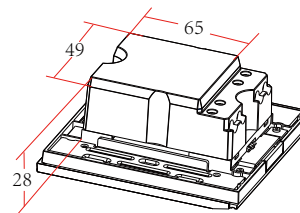
## Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a touch.
6. With capacitive touch technology, it is safer to operate through glass even by wet hand, which is suitable for the bathroom, laundry room, kitchen.
7. Equipping with a more efficient signal processing algorithm makes the signal coverage more uniform and perfect and the system more stable.
8. MCU adopts iterated integral design, durable in use.

## Parameter

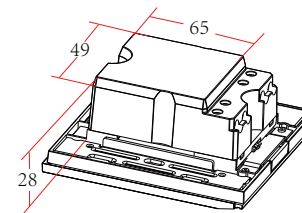
Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.5W
Maximum Resistance Load of Total Lines (bulb):	2000W/1000W (rated voltage of 220V/110V)
Maximum Inductive & Capacitive Load of Total Lines (bulb):	1400W/600W (rated voltage of 220V/110V)
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	Tempering Glass, White
Dimensions (L*W*H):	86*87*38 (mm)

Smart Touch Switch  
(One-Gang, L&N)  
WL-ZCSWNGW-S2311-04



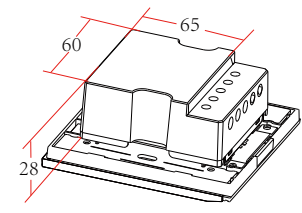
Net Weight: 153g  
Gross Weight: 320g

Smart Touch Switch  
(Two-Gang, L&N)  
WL-ZCSWNGW-S2321-04



Net Weight: 175g  
Gross Weight: 320g

Smart Touch Switch  
(Three-Gang, L&N)  
WL-ZCSWNGW-S2331-04



Net Weight: 190g  
Gross Weight: 315g





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## Overview

It is used to control lighting (L&N) and supports time setting/linkage control/scene management through App. It applies to:

1. Smart lighting;
2. Lighting circuit which needs remote control.

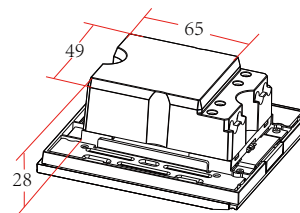
## Parameter

Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.5W
Maximum Resistance Load of Total Lines (bulb):	2000W/1000W (rated voltage of 220V/110V)
Maximum Inductive & Capacitive Load of Total Lines (bulb):	1400W/600W (rated voltage of 220V/110V)
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	86*87*40 (mm)

## Features

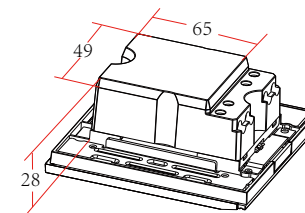
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Bidirectional feedback through App.
3. It can link with Smart IR Motion Detector, Smart Light Sensor to realize people come lights on; Link with light sensor to control ON/OFF of lighting according to light intensity automatically; Convenient and energy saving.
4. Support time setting.
5. Scene editing, regional management, customize return-home and leave-home mode by a press.

Smart Switch (One-Gang, L&N)  
SR-ZCSWNPW-S1311-04



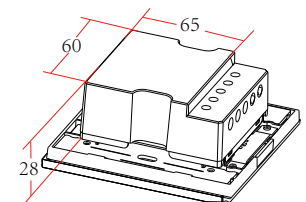
Net Weight: 134g  
Gross Weight: 320g

Smart Switch (Two-Gang, L&N)  
SR-ZCSWNPW-S1321-04



Net Weight: 145g  
Gross Weight: 300g

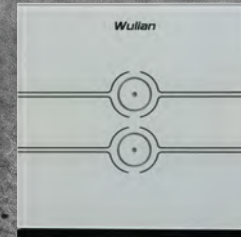
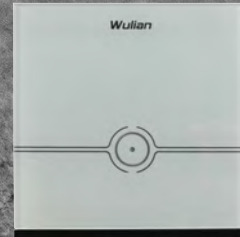
Smart Switch (Three-Gang, L&N)  
SR-ZCSWNPW-S1331-04



Net Weight: 162g  
Gross Weight: 351g



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## Overview

It can bind with other devices to realize one switch to control several devices or several switches to control one device. It applies to:

1. Lighting in the stairwells;
2. Lighting circuit which needs remote control.

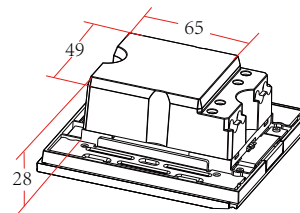
## Parameter

Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.5W
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	Tempering Glass, White
Dimensions (L*W*H):	86*87*38 (mm)

## Features

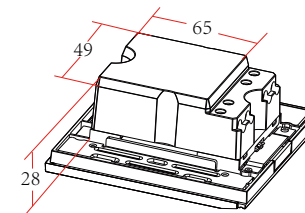
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can bind with other devices to realize one switch to control several devices or several switches to control one device.
3. Support scene editing, regional management, time setting, simple and convenient.
4. Unique breathing lights interaction.
5. Easy operation; simple and stylish.

Smart Touch Binding Switch  
(One-Gang)  
WL-ZCSWNGW-B2011-04



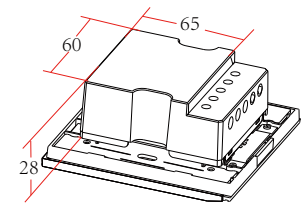
Net Weight: 145g  
Gross Weight: 301g

Smart Touch Binding Switch  
(Two-Gang)  
WL-ZCSWNGW-B2021-04



Net Weight: 150g  
Gross Weight: 304g

Smart Touch Binding Switch  
(Three-Gang)  
WL-ZCSWNGW-B2031-04



Net Weight: 190g  
Gross Weight: 315g



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## Overview

It can bind with other devices to realize one switch to control several devices or several switches to control one device. It applies to:

1. Lighting in the stairwells;
2. Lighting circuit which needs remote control.

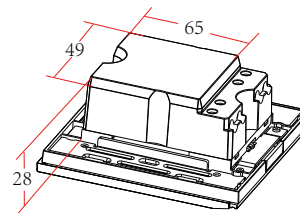
## Parameter

Power Parameter:	100-240V AC, 50/60Hz
Standby Power Consumption:	≤0.5W
Installation Method:	Wall-mounted Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (L*W*H):	86*87*40 (mm)

## Features

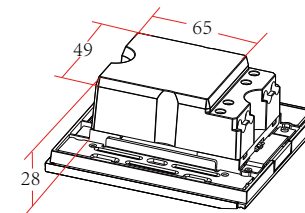
1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can bind with other devices to realize one switch to control several devices or several switches to control one device.
3. Support scene editing, regional management, time setting, simple and convenient.
4. Easy operation; simple and stylish.

Smart Binding Switch  
(One-Gang)  
SR-ZCSWNPW-B1011-04



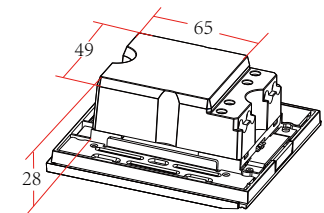
Net Weight: 134g  
Gross Weight: 320g

Smart Binding Switch  
(Two-Gang)  
SR-ZCSWNPW-B1021-04



Net Weight: 145g  
Gross Weight: 330g

Smart Binding Switch  
(Three-Gang)  
SR-ZCSWNPW-B1031-04



Net Weight: 122g  
Gross Weight: 184g

## Smart Rainbow Bulb (6W)



SR-ZLACNPW-B1100613-02

### Overview

It can be controlled by App to change lighting colors, and supports time setting/linkage control/scene management.

It can be widely applied to living room, bedroom, audio-video room, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. Support remote check and control.
3. Support 16 million colors to choose and scene management.
4. 15000 hours' life time, energy saving.
5. Add warm white to meet the needs of users more fully.
6. E27 lamp interface, easy operation.
7. Support state memory.

### Parameter

Power Parameter:	100~240V VC, 50/60Hz
Rated Power:	6W
Input Current:	70mA
Color-Rending Index (initial state):	CRI 80
Luminous Flux:	400lm
Lamp Interface:	E27
Installation Method:	Screw-mount Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	109.5*56.2 (mm)
Net Weight:	110g
Gross Weight:	221g

## Smart Bulb (Cold & Warm Lights, 10W)



SR-ZLACNPW-B1301044-01

### Overview

It can be controlled by App to change warm tone and cold tone colors, and supports time setting/linkage control/scene management.

It can be widely applied to living room, bedroom, audio-video room, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can be controlled remotely to 4000K, which is the most suitable for the protection of visual acuity.
3. Free change of warm tone and cold tone colors available.
4. 15000 hours' life time, energy saving.
5. Simple and stylish design.

### Parameter

Power Parameter:	220~240V AC, 50/60Hz
Rated Power:	10W
Input Current:	100mA
Color-Rending Index (initial state):	CRI 80
Luminous Flux:	810lm
Lamp Interface:	E27
Installation Method:	Screw-mount Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC, White
Dimensions (diameter*thickness):	109.5*56.2 (mm)
Net Weight:	192g
Gross Weight:	344g



## Smart Scene Switch



WL-ZRCPBPW-S4160-02

### Overview

It can be used with presetting scene on the App as a remote controller;  
 User can switch different customized scenes without phone;  
 It is operated easily to take care of family members, and also applies to the front door, bedroom, living room, etc.

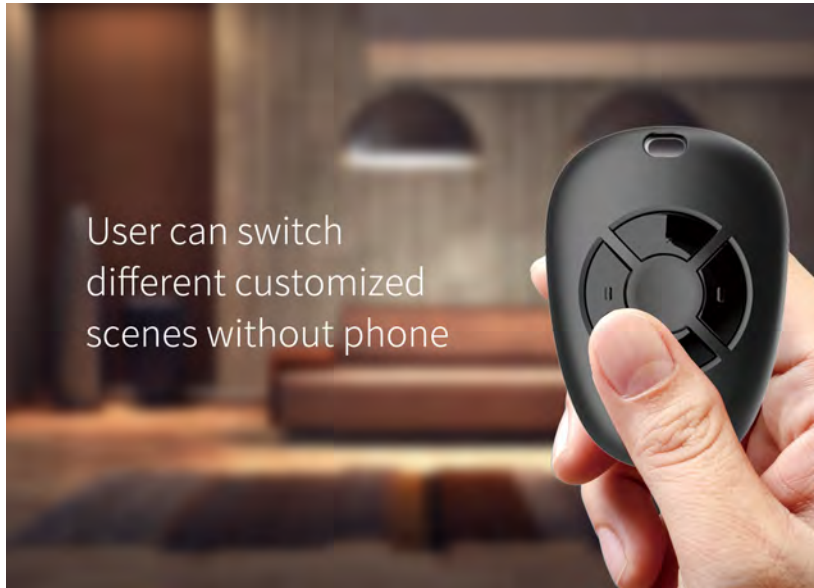
### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can be used with presetting scene on the App as a remote controller. So user can switch different customized scenes without phone. It is operated easily to take care of family members.
3. It can bind with several devices (Smart Switch, Smart Rainbow Bulb, Smart Curtain Motor) to realize real-time control.
4. It can be installed wireless in standard cassette or on suitable plane, also carried.
5. Shell adopts high impact-resisting materials, solid and durable. Ultra-low power consumption with spare batteries.

### Parameter

Power Parameter:	DC 3V
Standby Current:	< 3μA
Power Supply:	CR2450*2, Button Battery
Bandwidth:	2.405~2.480GHz
Communication Distance:	100m (depend on specific environmental conditions)
Installation Method:	Wall-mounted Type, Portable Type
Working Temperature/Humidity:	-10°C~ +45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, Pearl White
Dimensions (L*W*H):	86.8*83*13 (mm)
Net Weight:	75g
Gross Weight:	152g

## Smart Remote Controller



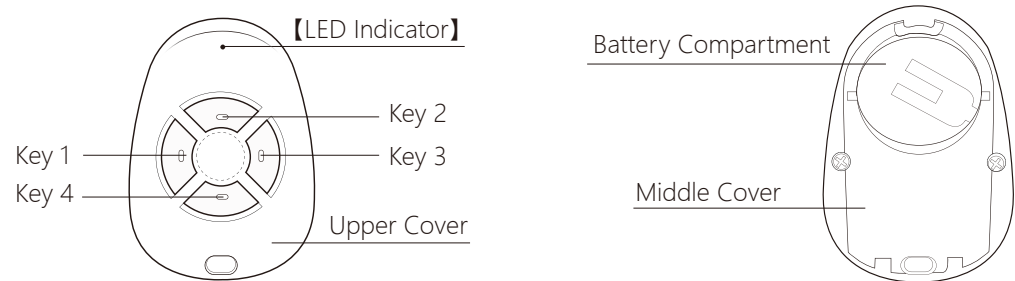
WL-ZRCPBPB-K4340-01

### Overview

It can be used with presetting scene on the App as a remote controller;  
 User can switch different customized scenes without phone;  
 It is operated easily to take care of family members, and also applies to the front door, bedroom, living room, etc.

### Features

1. Communication Mode: IEEE 802.15.4 (ZigBee/SmartRoom).
2. It can be used with presetting scene on the App as a remote controller. So user can switch different customized scenes without phone. It is operated easily to take care of family members.
3. It can bind with Smart Lock to realize double unlocking.
4. Fashionable and compact design, portable.



### Parameter

Power Parameter:	DC 3V
Standby Current:	< 3μA
Power Supply:	CR2450*2, Button Battery
Bandwidth:	2.405~2.480GHz
Communication Distance:	100m (depend on specific environmental conditions)
Installation Method:	Portable Type
Working Temperature/Humidity:	-10°C~+45°C/≤95%RH (noncondensing)
Material & Color:	PC+ABS, Black
Dimensions (L*W*H):	56.9*40.2*14 (mm)
Net Weight:	15g
Gross Weight:	60g



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LIVING A SMARTER WAY



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Official Website : [www.wuliangroup.com](http://www.wuliangroup.com)