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PRODUCT CATALOG 2026

Innovators in Smart
Lighting Control

Guangdong EBELONG Intelligent Technology Co., Ltd.

Address: Block 2, Hengmingzhu Industrial Park, Shajing, Shenzhen, China

Tel: +86 755 2788 8758

Email: sales@iebelong.com

Website: www.iebelong.com



Self-Powered



Battery-Free



No Installation

INNOVATORS IN SMART LIGHTING CONTROL

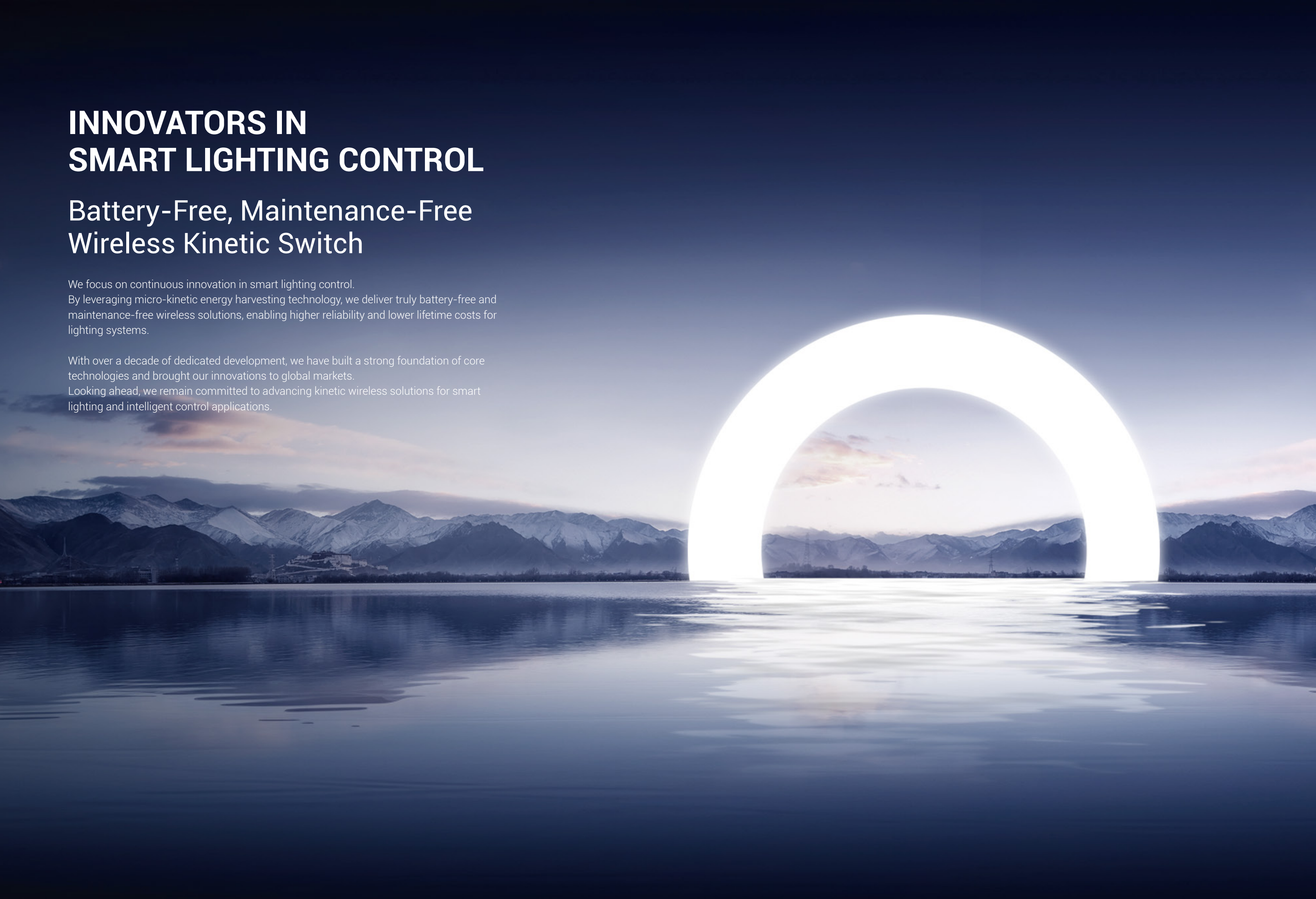
Battery-Free, Maintenance-Free Wireless Kinetic Switch

We focus on continuous innovation in smart lighting control.

By leveraging micro-kinetic energy harvesting technology, we deliver truly battery-free and maintenance-free wireless solutions, enabling higher reliability and lower lifetime costs for lighting systems.

With over a decade of dedicated development, we have built a strong foundation of core technologies and brought our innovations to global markets.

Looking ahead, we remain committed to advancing kinetic wireless solutions for smart lighting and intelligent control applications.



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About EBELONG



EBELONG specializes in energy harvesting and wireless control technologies, delivering truly battery-free and maintenance-free solutions for smart lighting, smart buildings, and intelligent living environments.

Powered by proprietary micro-kinetic energy harvesting technology, we have developed a comprehensive portfolio of wireless switches, sensors, controllers, and system modules. These solutions are widely applied in lighting control, HVAC, shading, and building automation, significantly reducing installation complexity and long-term maintenance costs.

Since establishing our electrical laboratory in 2009, we have remained focused on passive wireless and micro-energy technologies, continuously overcoming technical challenges and bringing reliable innovations to global markets.

EBELONG products are recognized for their stability, flexibility, and long-term operational reliability.

Looking ahead, we remain committed to advancing self-powered wireless technologies to enable more efficient, scalable, and sustainable smart lighting and building systems worldwide.



Vision

Driving a greener future through innovation in electrical intelligence.



Mission

To be a trusted lifelong partner in electrical intelligence.

Corporate Culture



Experienced R&D Team

A multidisciplinary team of senior electronics, mechanical, software, and test engineers dedicated to continuous innovation and reliable, future-ready solutions.



In-House Manufacturing Capability

Modern production facilities and a well-established manufacturing system enable full control from development to mass production, ensuring efficiency and consistent quality.



Advanced R&D & Testing Facilities

Well-equipped laboratories supporting functional validation, performance evaluation, and reliability testing to ensure robust product development and optimization.



Certified Quality Management

ISO9001-certified quality system with comprehensive inspection and traceability ensures product reliability, consistency, and long-term performance.



R & D



Production



Sales



Service

Patents & Certifications

412 Patents Around the World

Obtained more than 410 patents including 49 invention patents in China, the United States, the Europe, Japan, South Korea and other countries.



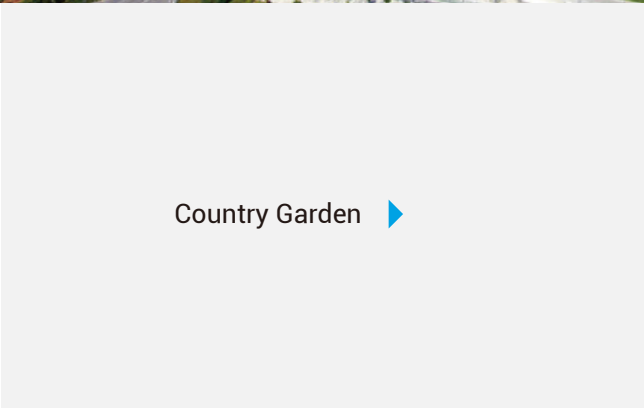
495 Certifications Around the World



Application Cases



◀ The Canton Fair Complex



Country Garden ▶



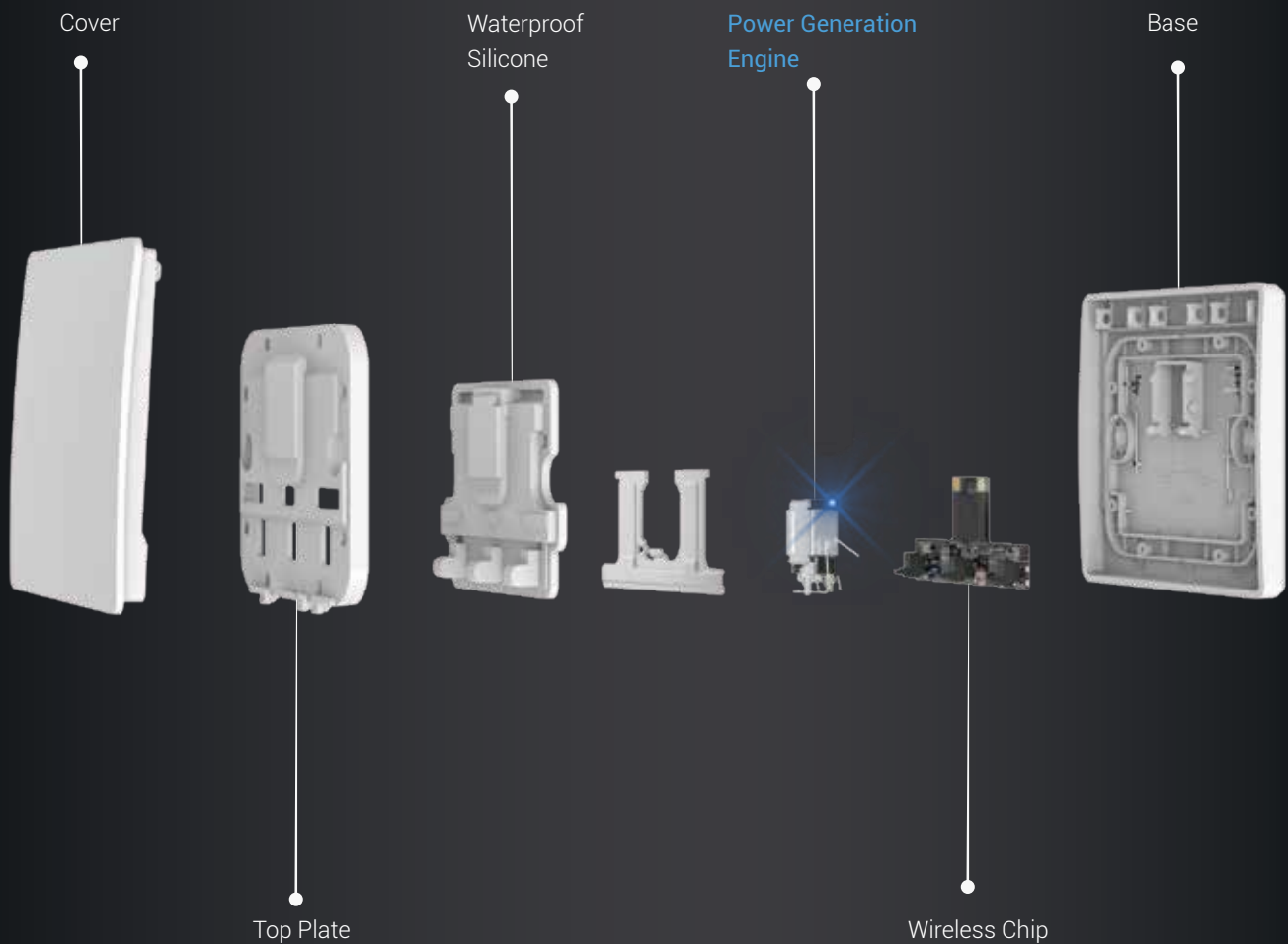
◀ The Hong Kong University of Science and Technology



Rama Hospital ▶



Wireless Kinetic Switch



Wireless communication protocols

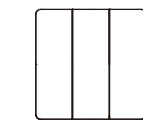


Bluetooth™ | Zigbee Green Power | 2.4GHz

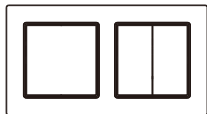
Wireless Kinetic Switch

Type Overview

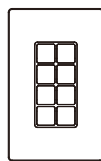
Wireless Kinetic Switch



86mm Switch



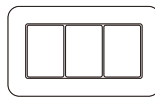
Double 86mm Switch



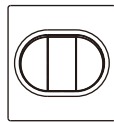
US Standard



Australian Standard



Japanese Standard



French Standard

Remote switch



Key Fob Switch



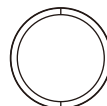
Key Fob Switch



Pocket Switch



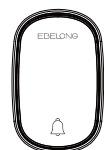
Push Button



Micro Kinetic Push Button



Wireless Kinetic Push Button



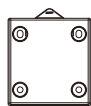
Wireless Kinetic Push Button



Door/Window Sensor



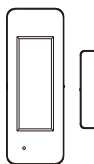
Kinetic Door/Window Sensor



Kinetic Door/Window Sensor



Kinetic Door/Window Sensor



Kinetic Solar Door/Window Sensor



No wires



No batteries



Remote



Portable



Self-Powered

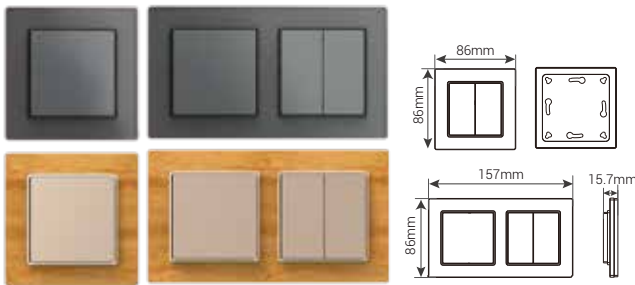
kinetic switch

European Design Wireless Kinetic Switch

>> Premium Wireless Kinetic Switch

- > Wood, glass, acrylic type
- > No wires, no batteries, no limits

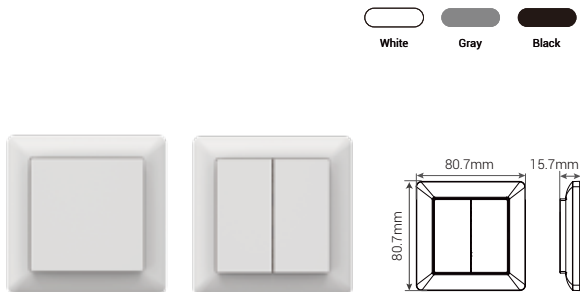
Model	E4
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2, 4
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



>> Classic 86mm Wireless Kinetic Switch

- > Surface-mounted installation by pasting or screws
- > Composed of two parts: the key module and the outer plastic frame
- > Classic 86mm size, support classic switch junction boxes

Model	E4-A
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2, 4
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



Slim Wireless Kinetic Switch

>> Wireless Kinetic Transmitter Module

- > Battery-free, maintenance-free
- > Slim and elegant design
- > One-touch control, multiple applications
- > Dual-switch magnetic base

Model	N1
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2, 4
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



European Design Wireless Kinetic Switch

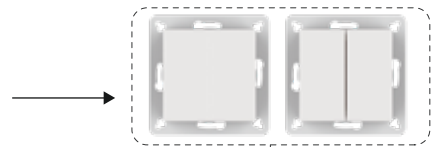
>> Modular Wireless Kinetic Switch System

Product Features

Designed with a modular structure, the system supports multiple frames and mounting options, enabling flexible installation across different applications. A range of interchangeable faceplates is available to suit diverse aesthetic preferences, each crafted to complement minimalist European design while enhancing both style and functionality in any space.

MEA module

Harvests kinetic energy generated by pressing, converting it into electrical energy to power wireless signal transmission.



⚠ Attention

The MEA module is directional. Please ensure it is installed according to the laser-engraved orientation mark.

Different frames



Classic type



Glass type



Crystal type



Wood type

Installation method



86 Bottom box installation



Expansion screw mounting



Self-adhesive paste



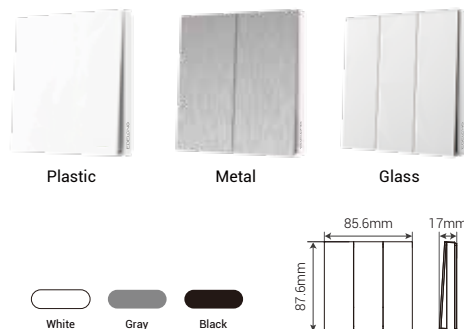


86mm Wireless Kinetic Switch

>>IP67 Wireless Kinetic Switch

- > Waterproof, able to be used in the bathroom
- > Dimmable, support long press dimming with Controllers
- > Support plastic, glass, brushed metal panel for a more luxurious and elegant

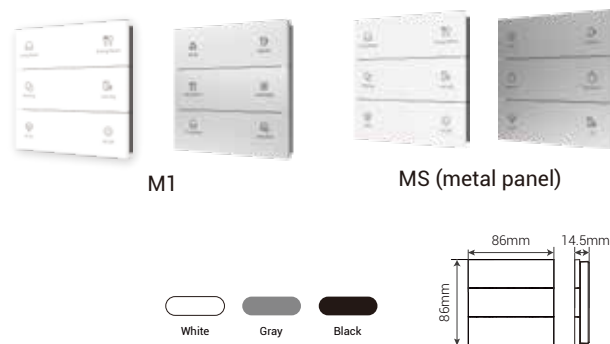
Model	A2
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1, 2, 3
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



>> Wireless Kinetic Scene Panel

- > Six button remote scene panel
- > Customize button functions and laser engraving

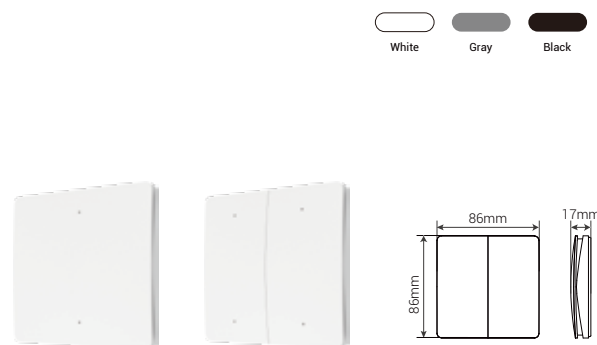
Model	M1/ MS
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	6
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



>> Wireless Kinetic Switch

- > Rebound type, dimmable kinetic switch
- > Support custom radium carving

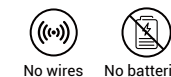
Model	S3
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2, 4
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



>> IP67 Wireless Kinetic Switch

- > IP67-rated, able to be used in outdoor gardens
- > Dimmable, support long press dimming with Controller s

Model	S2
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
IP	IP67
Buttons Options	1, 2, 3
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)

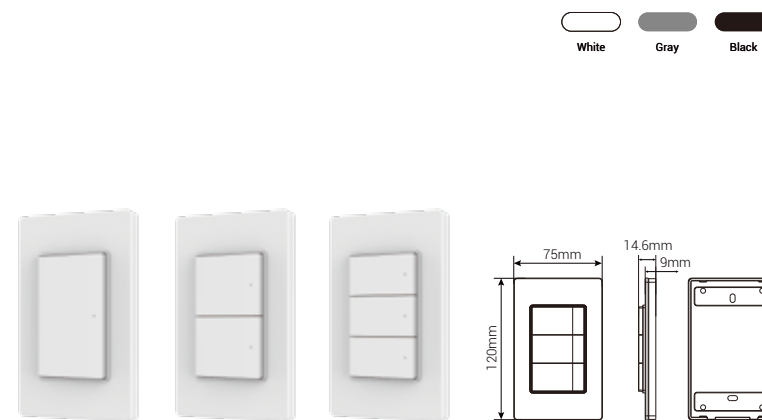


118mm Wireless Kinetic Switch

>> 118mm Wireless Kinetic Switch

- > Designed based on the 118-type form factor
- > 1 button / 2 button / 3 button Options
- > Multiple color options available
- > Customizable glass panel
- > No wiring required, flexible installation
- > Supports pairing with RF controller for use

Model	R1
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1, 2, 3
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



US Standard Wireless Kinetic Switch

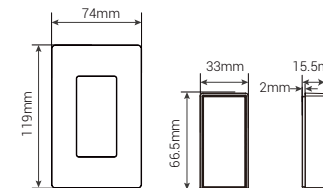
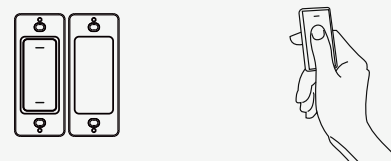
>> Magnetic Wireless Kinetic Switch

- > US standard size
- > The button can be removed and put back at will
- > Composed of three parts: magnetic button, button base and face cover

Model	U1
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



Magnetic type
Magnetic design, support to remove the switch department

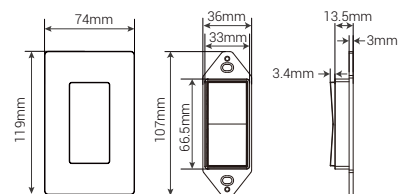


US Standard Wireless Kinetic Switch

>> Wireless Kinetic Switch

- > US standard size
- > The button is fixed on the switch and cannot be removed
- > Composed of two parts: kinetic button and face cover

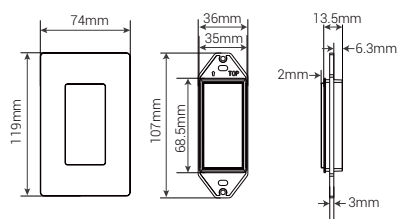
Model	U2
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



Surface mounted type



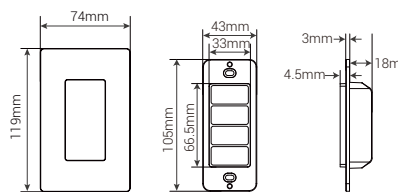
Embedded bottom box type



>> Multi-Button Wireless Kinetic Switch

- > US standard size
- > The button is fixed on the switch and cannot be removed
- > Support the selection of 4,6,8 button to adapt to more scenarios

Model	U4
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	4, 6, 8
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



Modular Wireless Kinetic Switch

>> Australian Standard Wireless Kinetic Switch

- > Traditional 118mm size, commonly found in countries such as Australia
- > Just replace the traditional switch modular with EBELONG kinetic modular
- > Update the old traditional switch in your home

Model	BM13
Frequency	RF 433 MHz, RF 447MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black (Available in Custom Colors)

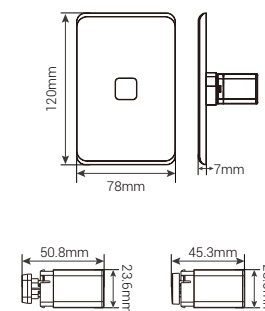


Square

Oval

Rectangular

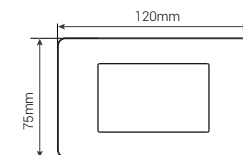
Round



>> Panasonic-Style Modular Switch Module

- > Suitable for Panasonic 120 type switch panel
- > Update the old traditional switch in your home
- > No wiring, save wiring cost, free combination of button

Model	BMJ01
Frequency	RF 923.6MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



Wireless Kinetic Push Button

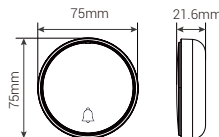
>> Wireless Kinetic Push Button

- > Self-powered, no wiring required, no batteries to replace
- > Customize button functions and laser engraving

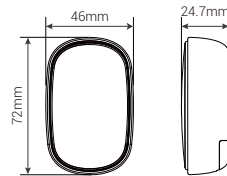
Model	QME / Q3 / Q7 / Q2 / Q5 / Q8
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Red (Available in Custom Colors)



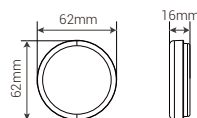
QME



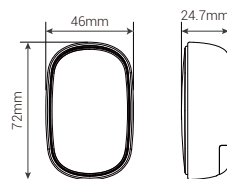
Q3
IP67-Rated



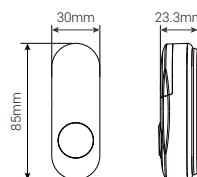
Q7



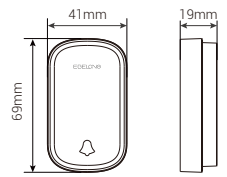
Q2



Q5



Q8



Micro Remote Wireless Kinetic Switch

>> Kinetic Pocket Switch

- > Pocket-sized switch, smaller, easy portability
- > Magnetic base design. can be easily removed after installation
- > Dimmable, support works as a pocket scene switch

Model	P1
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	4
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Customizable Colors	White

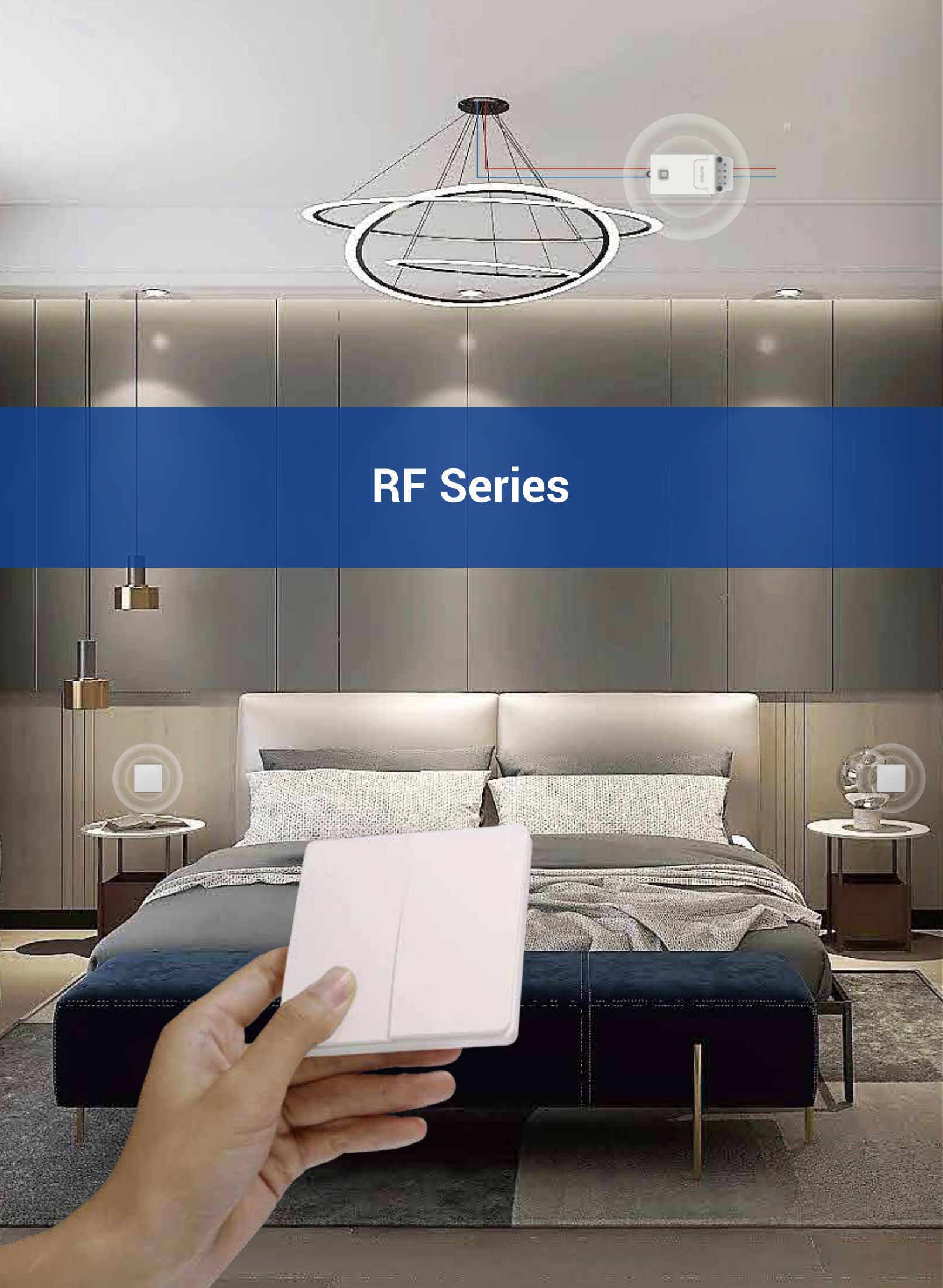


>> Wireless Kinetic Key Fob Switch

- > Key Fob Switch, which can be attached to your key
- > Extremely small, hold it in your hands

Model	K1/KN
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1/1, 2, 4
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Customizable Colors	White, Black



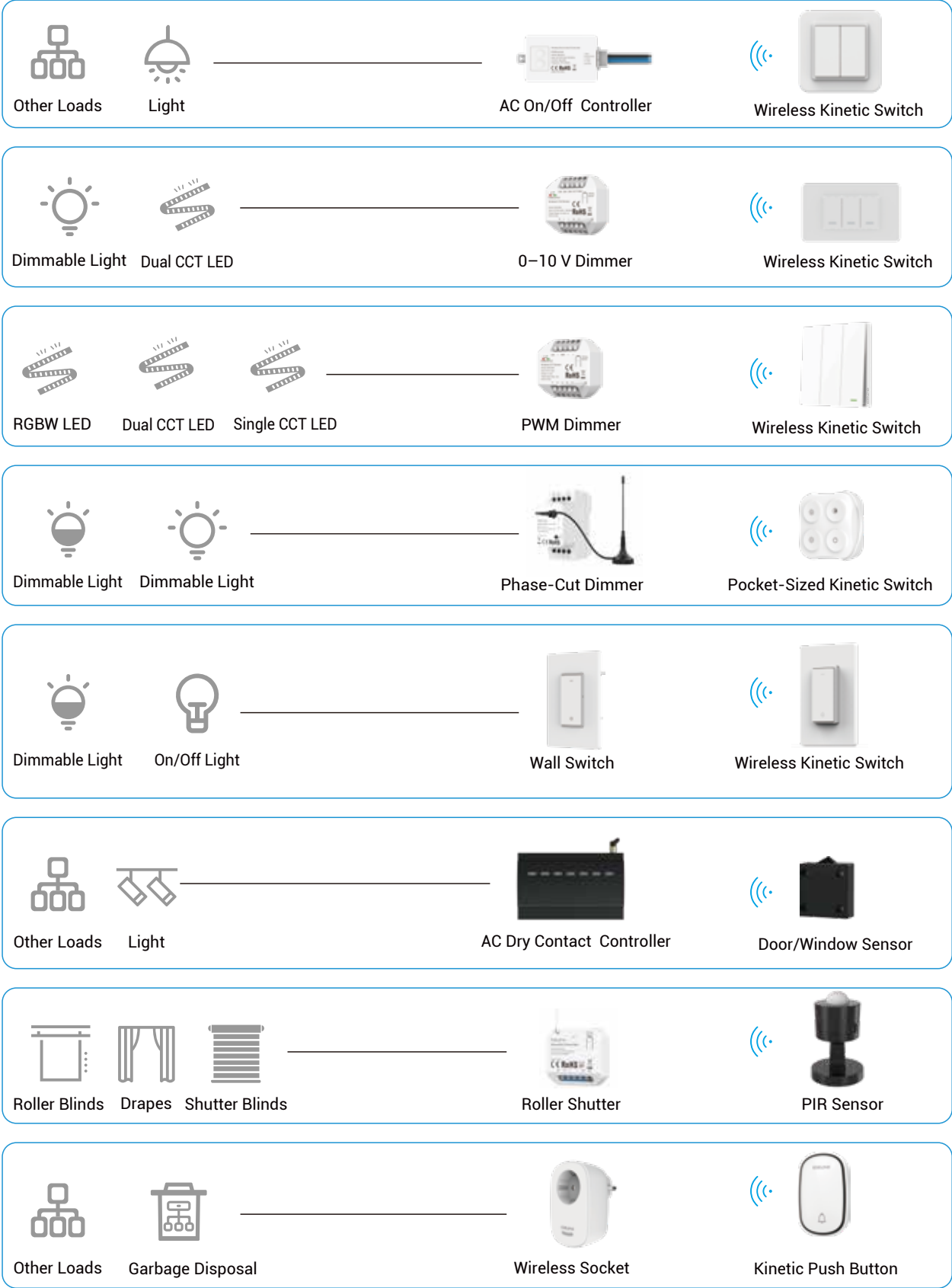


RF Series

(((RF))) RF Series

System Overview

RF Receiver Controllers Wireless Kinetic Transmitters

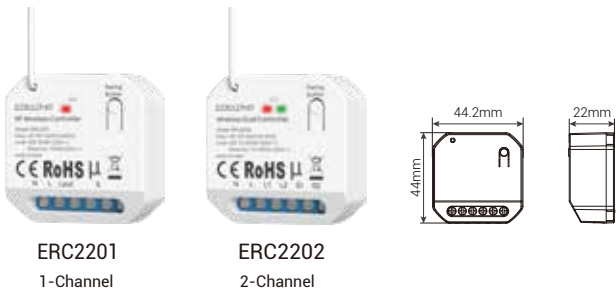


On/Off Controller

>> 1- & 2-Channel Compact On/Off Controller

- > Extremely small size, can be stored in the switch bottom box
- > Only On/Off control,
- > 1/2 channel selection

Model	ERC2201 / ERC2202
Frequency	RF 433 MHz & RF 447MHz
Power Supply	AC 100-240 V
Relay	8A / 8A*2
Max LED Load Per Channel	500W ~ 220V



>> 3-Channel Compact On/Off Controller

- > 3 Channel Options
- > Ultra-Compact Design – Easy to Install
- > On/Off Output – Drives Loads Directly

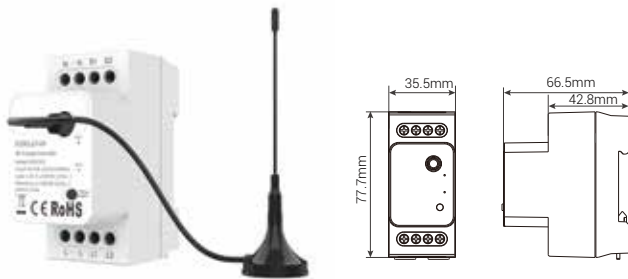
Model	ERC22A03
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Control Component	Relay
Output Channel	3
Wired Switch	Push Button /Rocker switch
Relay	8A*3
Max.Load	LED 500W, Resistive 1000W



>> DIN-Rail On/Off Controller

- > Classic DIN-Rail installation
- > Only On/Off control, 16A, 2 channel

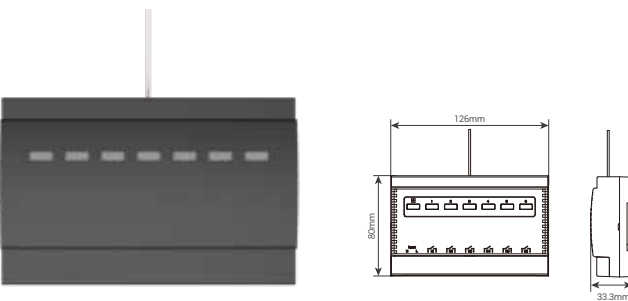
Model	ERC2102
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Relay	16A*2
Max LED Load Per Channel	1000W ~ 220V



>> 6 -Channel DIN-Rail On/Off Controller

- > Classic DIN-Rail installation
- > 6 channel On/Off control

Model	ERC106
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Relay	16A
Isolated Power Supply	yes

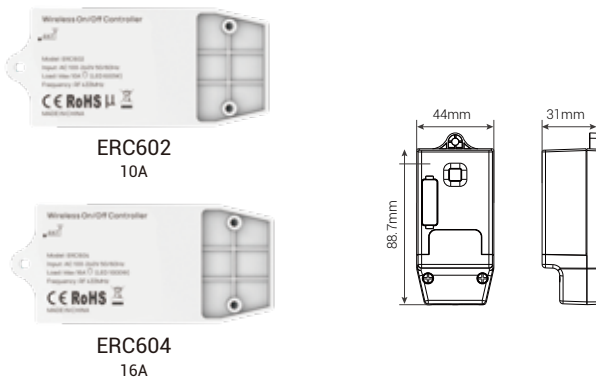


On/Off Controller

>> On/Off Controller

- > Mounted-outside type, can be pasted above the ceiling
- > Only On/Off 1 channel control
- > 10A/16A selection

Model	ERC602 / ERC604
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Relay	10A / 16A
Max LED Load Per Channel	600W ~ 220V / 1000W ~ 220V

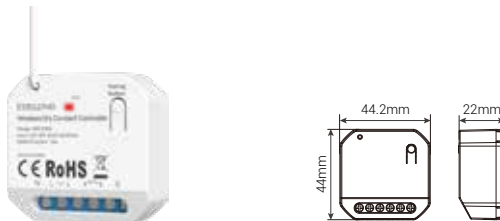


Dry Contact Controller

>> Compact Dry Contact Controller

- > Extremely small size Dry Contact Controller
- > Only On/Off 1 channel control
- > Support Japanese standard

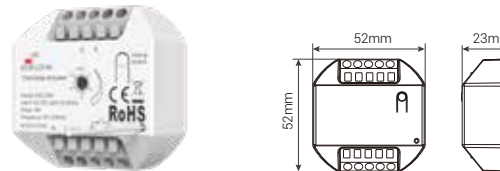
Model	ERC2204
Frequency	RF 433 MHz & RF 923.6MHz
Power Supply	AC 100-240 V
Relay	16A
Wired Switch	Support Push & Rocker Button



>> Compact Time-Delay Dry Contact Controller

- > Time Delay Contro
- > Additional Wired Switch Input
- > Small size, mounted-in
- > 16A relay 1-channel ON/OFF control

Model	ERC2304
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Relay	16A
Wired Switch	Push Button / Rocker Switch

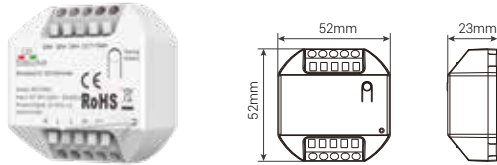


0–10 V Dimmer

>> 2 -Channel Compact 0–10V Smart Dimmer

- > Compact size
- > 1× CCT mode / 2× Dim mode

Model	ERC2302
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Maximum Signal Output Current	30mA
Wired Switch	Support Push & Rocker Button

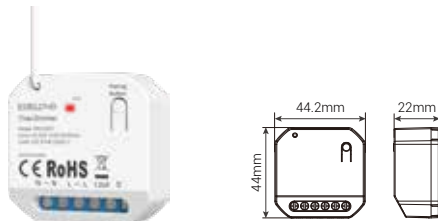


Phase-Cut Dimmer

>> Compact Phase-Cut Dimmer

- > Extremely small size, can be stored in the switch bottom box
- > 1 channel 150W, support leading / trailing edge dimming

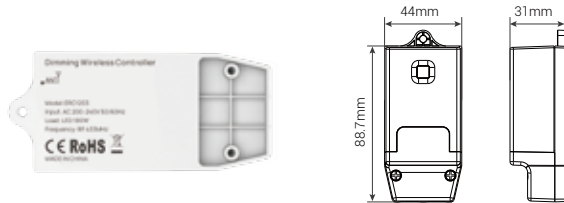
Model	ERC2203
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Phase Cutting Method	Leading / Trailing Edge Dimming
Component Type	MOS
Wired Switch	Support Push & Rocker Button



>> Phase-Cut Dimmer

- > Mounted-outside type, can be pasted above the ceiling
- > 1 channel 150W, support leading / trailing edge dimming

Model	ERC1203
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Phase Cutting Method	Leading / Trailing Edge Dimming
Component Type	MOS

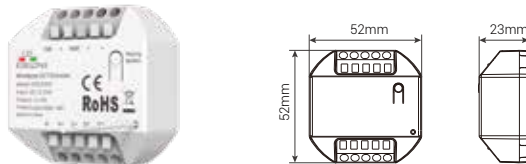


PWM LED Light Dimmer

>> Compact CCT PWM Dimmer

- > Compact Size
- > 2 channel PWM dimming, Max 6A/CH

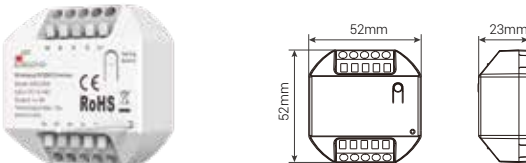
Model	ERC2303
Frequency	RF 433 MHz & RF 923.6MHz
Power Supply	DC 12-48 V
Output Power	Max. 6A per Channel
Component Type	MOS
Wired Switch	Support Push & Rocker Button



>> Compact RGBW PWM Dimmer

- > Small size, compact
- > 4 channels (RGBW)

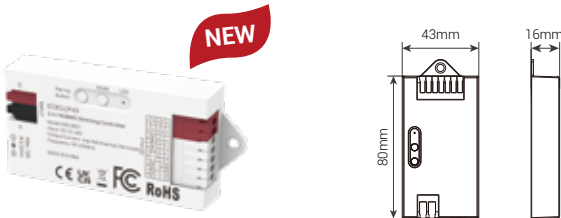
Model	ERC2305
Frequency	RF 433 MHz
Power Supply	DC 12-48 V
Output Power	Max. 3A per Channel
Component Type	MOS



>> Ultra-thin 5-in-1 PWM LED Dimmer

- > Supports 5 Modes: RGB / RGBW / RGBWC / CCT / Single-Color
- > 16 million colors to choose from
- > RF wireless transmission technology
- > Adjustable color temperature

Model	ERC3801
Frequency	RF 433 MHz
Power Supply	DC 12-48 V
Output Current	Max. 6A per Channel, 12A in Total
Output Type	Constant Voltage PWM Dimming

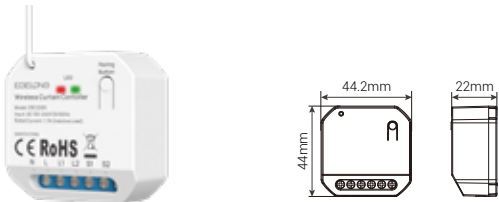


Roller Shutter

>> Compact Roller Shutter

- > Extremely small size, can be stored in the switch bottom box
- > Relay 8 A dual-channel roller shutter control

Model	ERC2206
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Relay	8A*2
Wired Switch	Support Push & Rocker Button
Channel	2



>> 2-Channel Relay Controller

- > 1-Channel / 2-Channel Options – Flexible Use
- > Ultra-Compact Design – Easy to Install
- > Dry Contact Output – Universal Integration

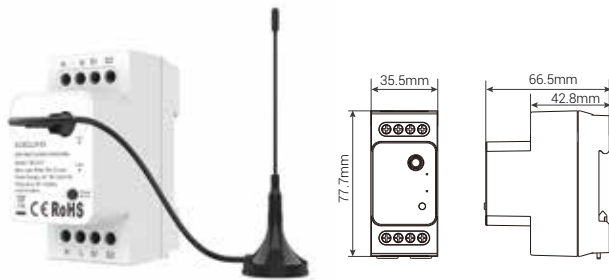
Model	ERC22A02
Frequency	RF 433 MHz
Power Supply	AC 100-240 V / DC12-100V
Control Component	Relay
Output Channel	1
Relay	8A*2
Wired Switch	Support Push & Rocker Button



>> DIN-Rail Roller Shutter

- > Classic DIN-rail installation
- > Relay 16 A dual-channel roller shutter control

Model	ERC2107
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Relay	16A*2
Phase Cutting Method	Leading / Trailing Edge Dimming
Channel	2

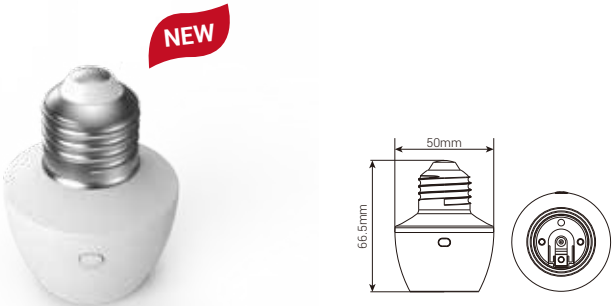


E27 Lamp Socket Controller

>> E27 Lamp Socket Controller

- > Compact size
- > Controllable via wireless switch
- > Plug-and-play

Model	ERC3501
Frequency	RF 433 MHz
Function	On/Off
Input	AC 110-220V 50/60Hz
Control Component	Thyristor
Base Type	E27
Max.Load	LED 120W (220V)

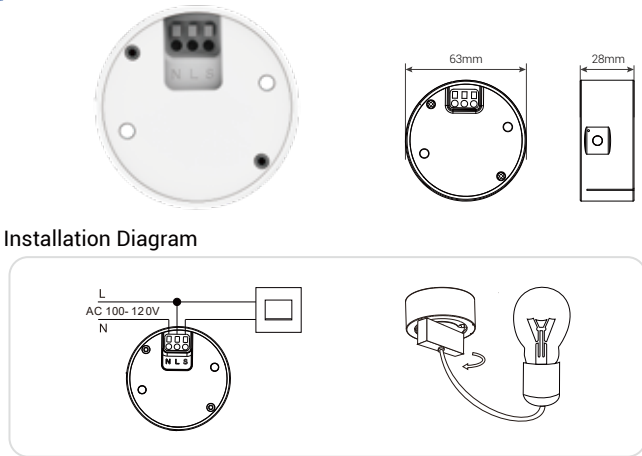


Japanese Standard Lamp Controller

>> Ceiling Mounted On/Off Lighting Controller

- > Ceiling mounted
- > Neutral-live terminal wiring
- > Relay 16A 1 channel On/Off control
- > PSE certified

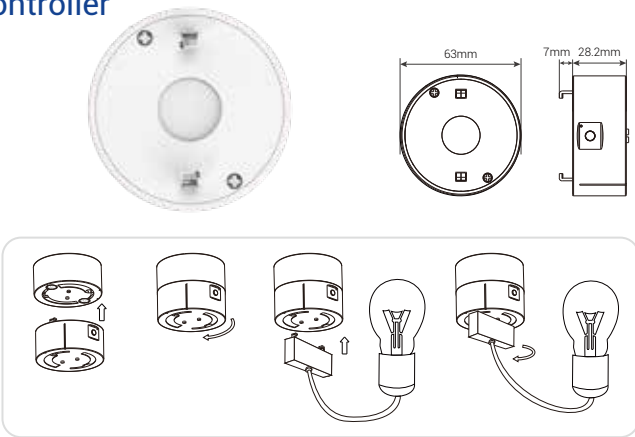
Model	ERCJ01
Frequency	RF 923.6MHz
Power Supply	AC 100-240 V
Relay	16A
Resistive Load	1200W
LED Load	600W
Wired Switch	Push Button / Rocker Switch



>> Plug-in Ceiling Mounted On/Off Lighting Controller

- > Ceiling mounted
- > Plug-in connection
- > Relay 16A 1 channel On/Off control
- > PSE certified

Model	ERCJ02
Frequency	RF 923.6MHz
Power Supply	AC 100-240 V
Relay	16A
Resistive Load	1200W
LED Load	600W
Wired Switch	Not Support

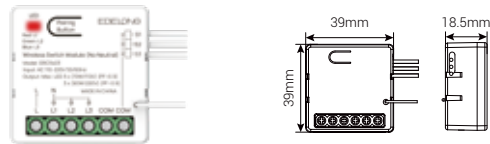


No Neutral Controller

>> Ultra Compact No Neutral Controller

- > 3-channel output
- > No neutral wire is needed, and no external capacitor is required.
- > Ultra-compact design – easy to install

Model	ERC3403
Frequency	RF 433 MHz
Power Supply	No Neutral Wire
Input	AC 110-220 V 50/60Hz
Control Component	Thyristor
Output Channel	3
Load Range	LED (10-100) W



>> 86mm No Neutral Wall Switch

- > Single-live, supports pairing with wireless kinetic switch
- > Usually used with a flash eliminator
- > Magnetic latching relay

Model	ESL2
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Resistive Load	10A/220V AC
LED Load	1100W
Buttons Options	1, 2

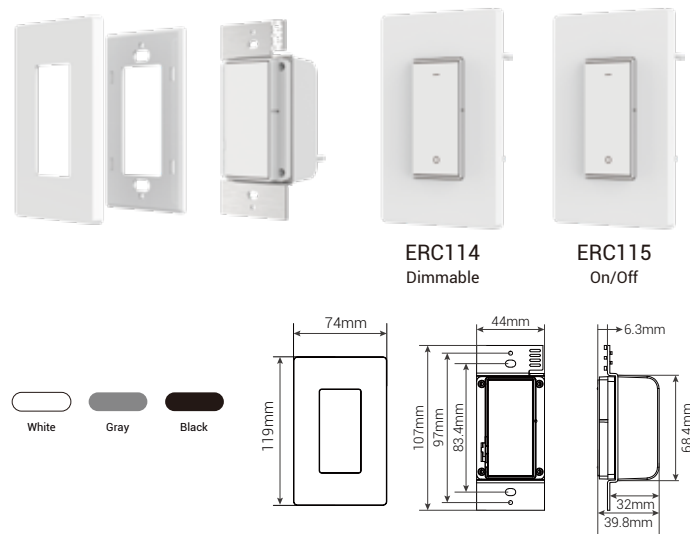


Wall Switch

>> US Standard Wall Switch

- > US standard
- > Two models: On/Off & dimmable
- > Relay 10A 1 channel On/Off control

Model	ERC114 / ERC115
Frequency	RF 433 MHz
Power Supply	AC 100-120V / AC 100-240 V
Relay	10A
Resistive Load	250W / 1000W
LED Load	125W / 500W
Buttons Options	2
Colors	White, Black, Grey (Available in Custom Colors)

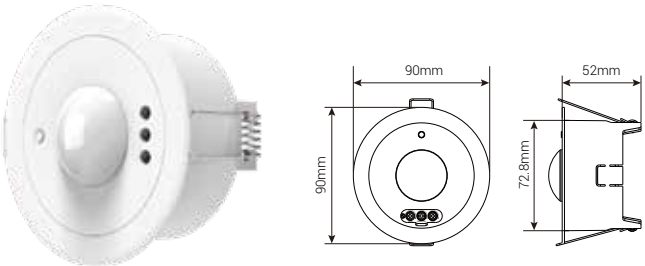


Sensor

>> PIR Sensor

- > PIR infrared sensing
- > Should paired with EBELONG controllers
- > Recessed type
- > Battery life 10 years

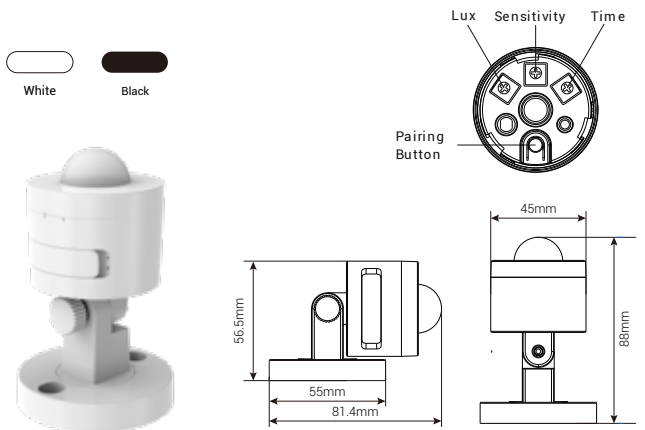
Model	H2
Frequency	RF 433 MHz
Power Supply	Button Cell (CR123A) AC 100-240 V
Sensitivity Range	0-8m adjustable
Installation Method	Recessed



>> Battery-powered PIR Sensor

- > PIR infrared sensing
- > Should paired with EBELONG controller
- > Support LUX/SENS/TIME setting
- > Battery life 5 years

Model	H4
Frequency	RF 433 MHz
Power Supply	Button Cell (CR2450)
Sensitivity Range	0-8m Adjustable
Installation Method	External

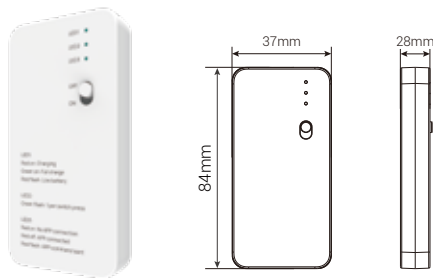


Configuration Tool

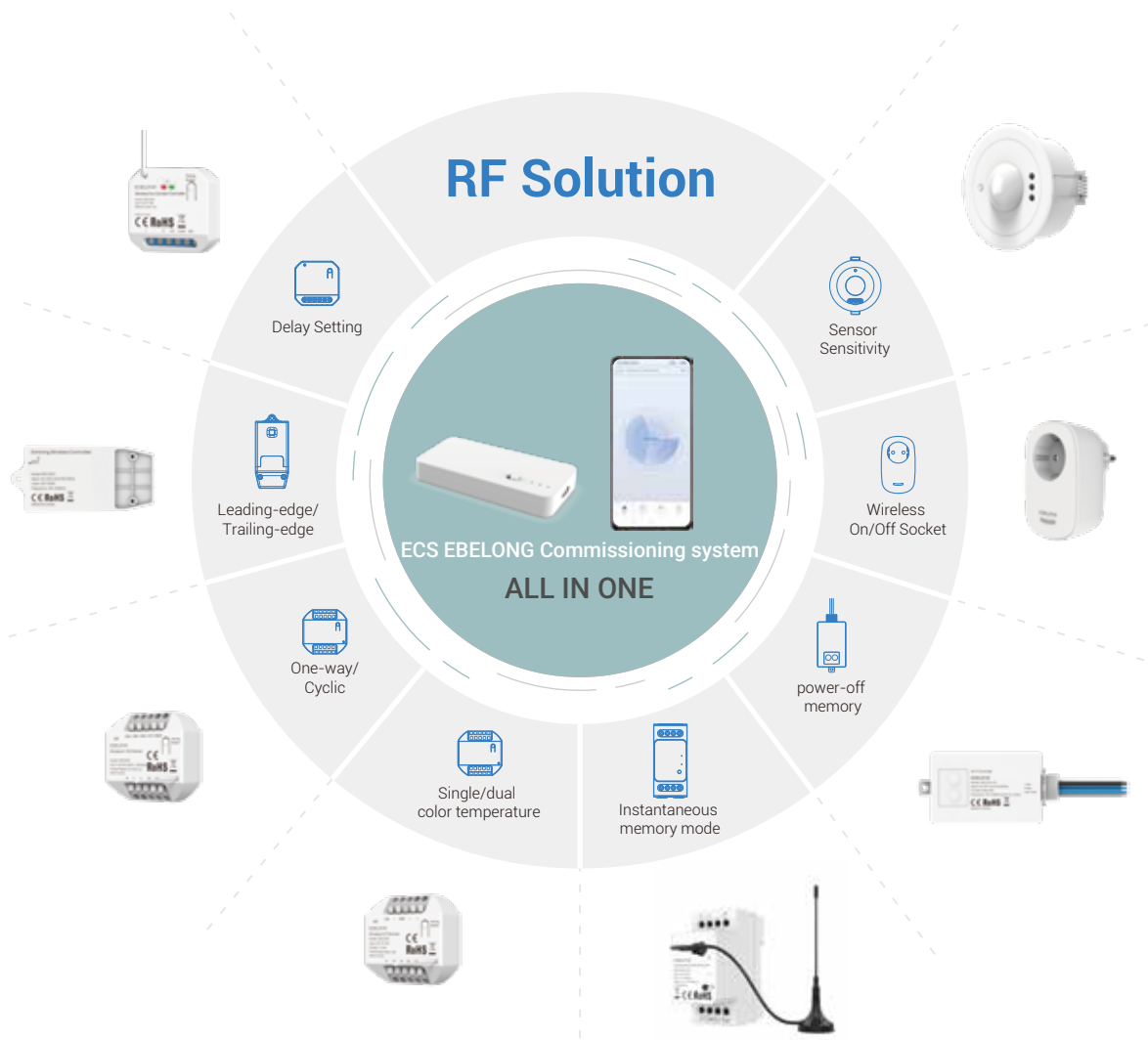
>> ECS Configuration Tool

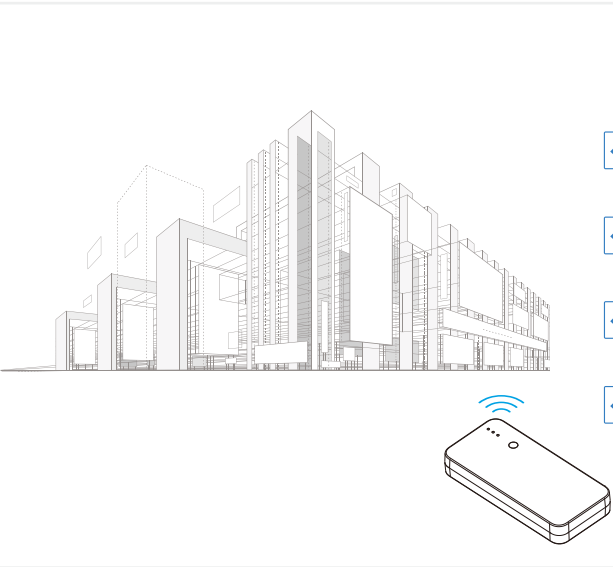
- > Batch configuration in Programs
- > Creaata project and name the device
- > device information storage and memory
- > Real-time signal montoring

Model	ECS
Frequency	RF 433 MHz & 2.4 GHz
Power Voltage	5V
Maximum Current	1A
Interface Type	Type-C
Receiving Sensitivity	-110dBm
Operating Temperature	-20~+50°C



Configuration Tool



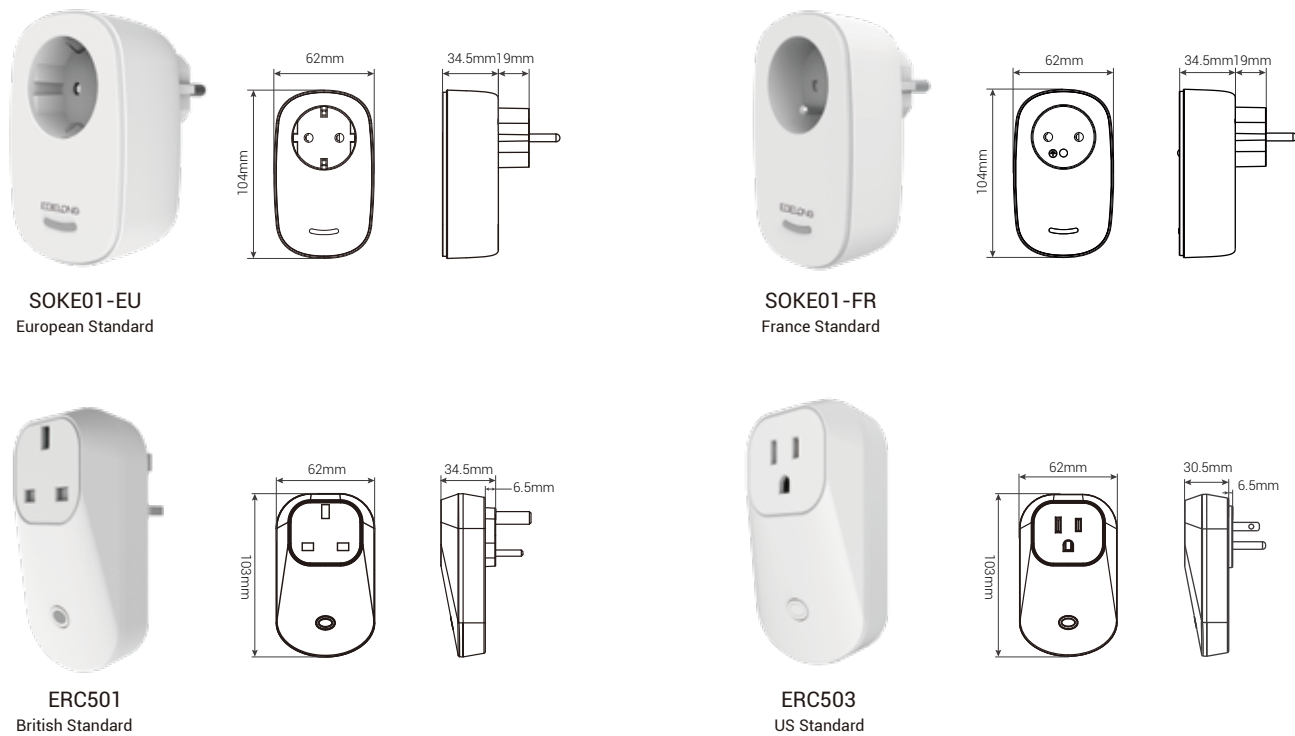


- ✓ Batch configuration in Programs
- ✓ Creaata project and name the device
- ✓ device information storage and memory
- ✓ Real-time signal montoring

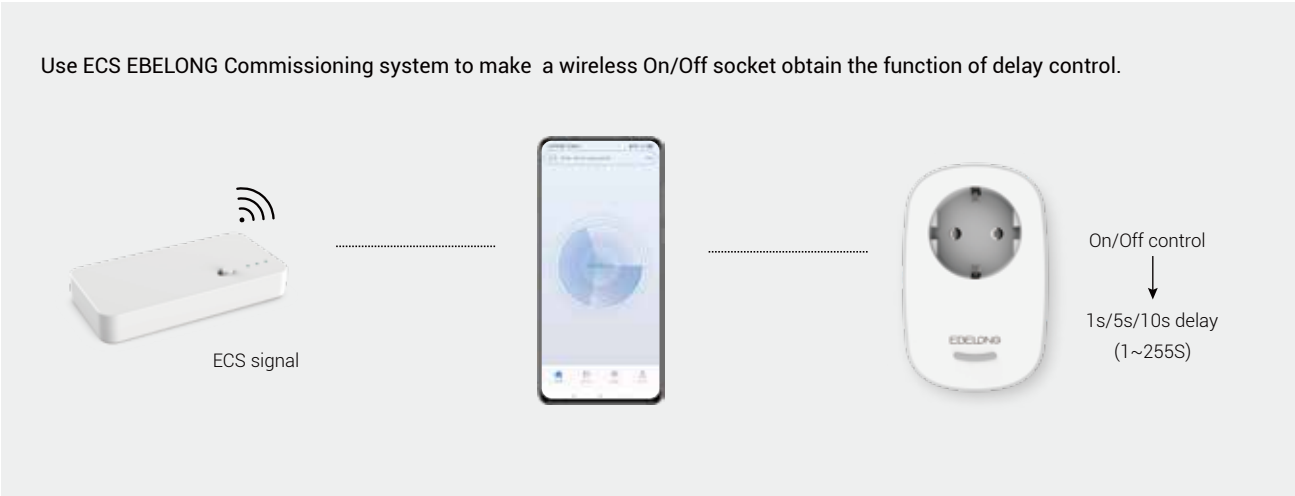
Wireless On/Off Socket

>> On/Off Socket Compliant with Different Standards

- > Wireless socket support wireless kinetic switch
- > Change the plug to fit different standards



Model	SOKE01-EU / SOKE01-FR / ERC501 / ERC503
Frequency	RF 433 MHz
Power Supply	AC 100-240 V
Relay	16A
Operating Current	Max. 16A
Socket Type	European Standard / France Standard / British Standard / US Standard
Installation Method	Plug in

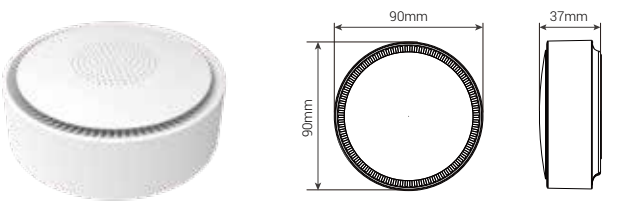


RF Gateway

>> RF to Tuya Gateway

- > Connect the EBE LONG RF system to Tuya smart home solutions

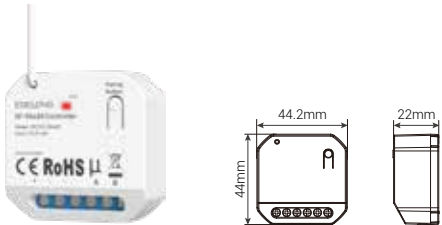
Model	ECH103
Downlink Communication Mode	RF 433 MHz
Power Supply	DC 5V
Control Distance	100m Outdoor, 30m Indoor
Number of Ringtones	10
Volume	85dbm (at 1m)
Installation Method	External
Uplink Communication Mode	Wi-Fi



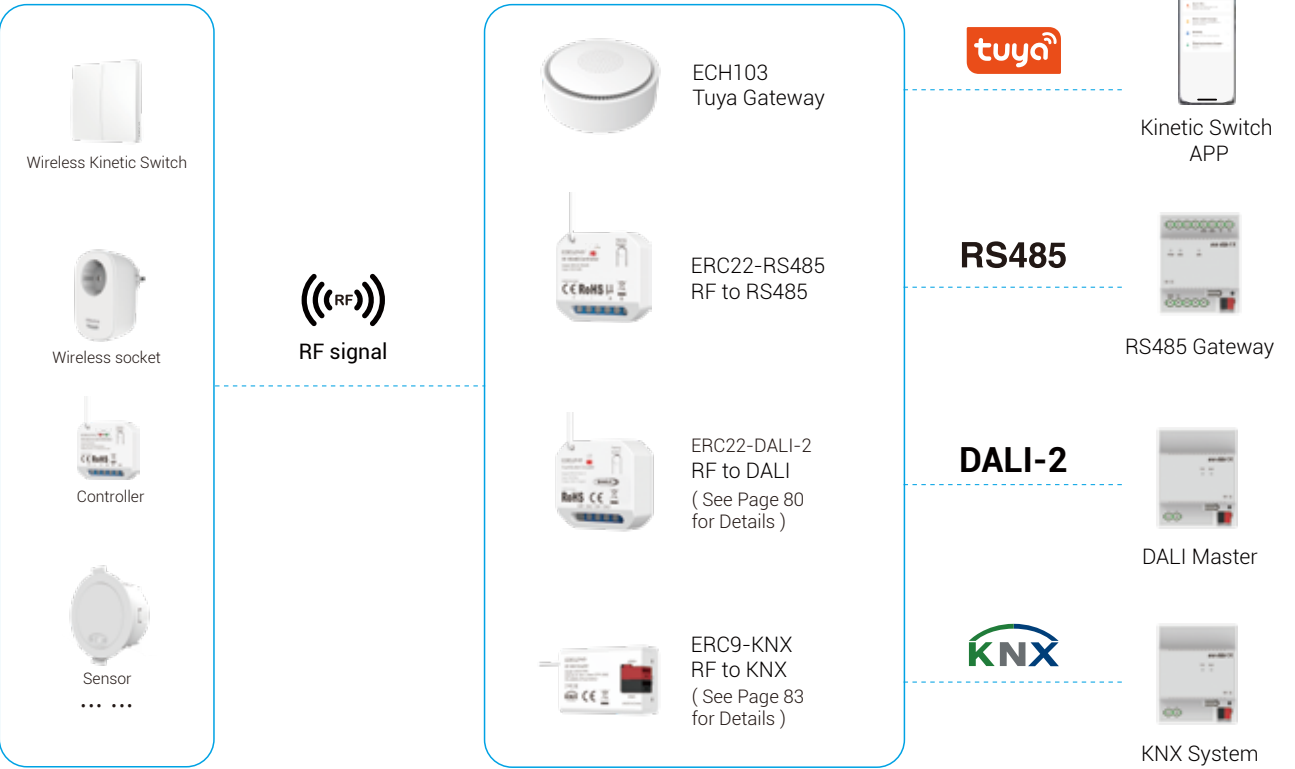
>> RF to RS485 Converter

- > Connect the EBE LONG RF system to an RS485 network

Model	ERC22-RS485
Downlink Communication Mode	RF 433 MHz
Power Supply	DC 8-24V
Control Distance	100m Outdoor, 30m Indoor
Installation Method	External
Uplink Communication Mode	RS485 Signal



>> Product Block Diagram



Signal Transmitter

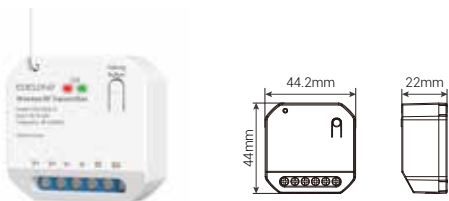
>> 2-Channel AC Signal Transmitter

- > Ultra-compact design, fits inside a switch box
 - > Converts AC input into RF signals
- | | |
|---------------|--------------------------------|
| Model | ERC2208 |
| Output Signal | RF 433 MHz |
| Power Supply | AC 100-240 V 50/60Hz |
| Input Signal | Instantaneous Strong Electrica |
| Wired Switch | Support Rocker Switch |



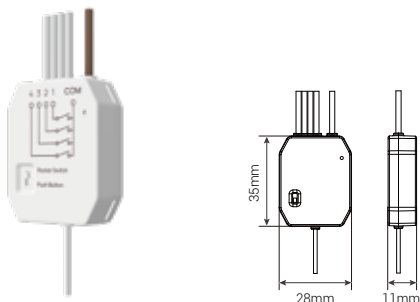
>> 2-Channel DC Signal Transmitter

- > Ultra-compact design, fits inside a switch box
 - > Converts dc input into RF signals
- | | |
|---------------|-----------------------|
| Model | ERC2208-D |
| Output Signal | RF 433 MHz |
| Power Supply | DC12-48V |
| Input Signal | DC signal |
| Wired Switch | Support Rocker Switch |



>> 4-Channel Battery-Powered Signal Transmitter

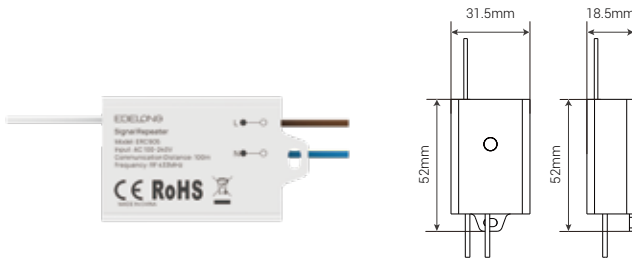
- > Instantly upgrades traditional switches to wireless smart control
 - > Battery-powered, no wiring required
 - > Compatible with rocker and reset switches
 - > Compact size, fits standard switch boxes
- | | |
|---------------|------------------------------|
| Model | RP01 |
| Output Signal | RF 433 MHz |
| Power Supply | Battery (CR2032) |
| Input Signal | Dry Contact Signal |
| Wired Switch | Support Push & Rocker Button |



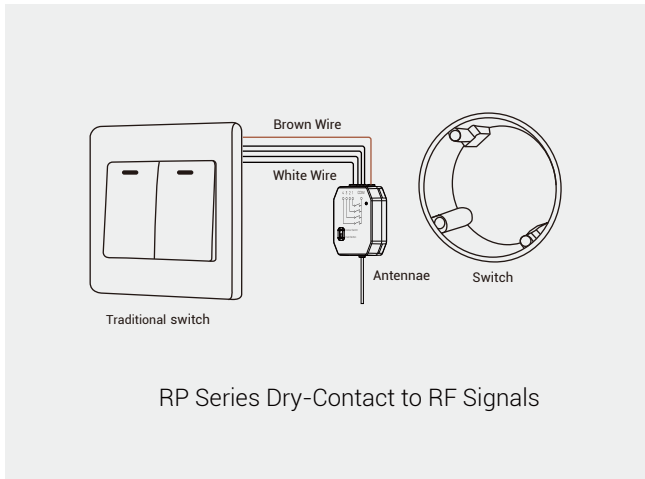
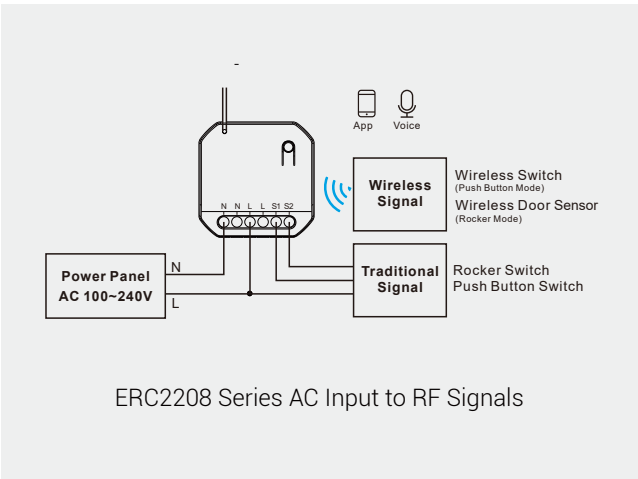
Signal Repeater

>> Signal Repeater

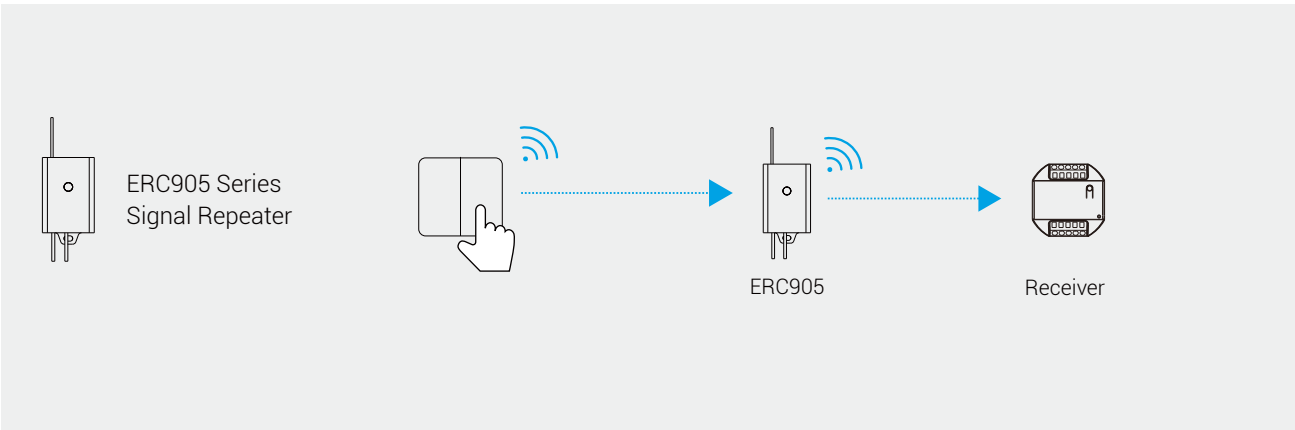
- > Signal repeater extends RF range
 - > Wireless On/Off & dimming control for EBELONG receivers
- | | |
|------------------------|--------------|
| Model | ERC905 |
| Frequency | RF 433 MHz |
| Power Supply | AC 100-240 V |
| Receiving Sensitivity | -110dBm |
| Operating Temperature | -20 C ~+55 C |
| Communication Distance | 100m |
| Installation Method | Compact |



Other Signals To RF Signals



Signal Repeater



Tuya & Home Assistant Series

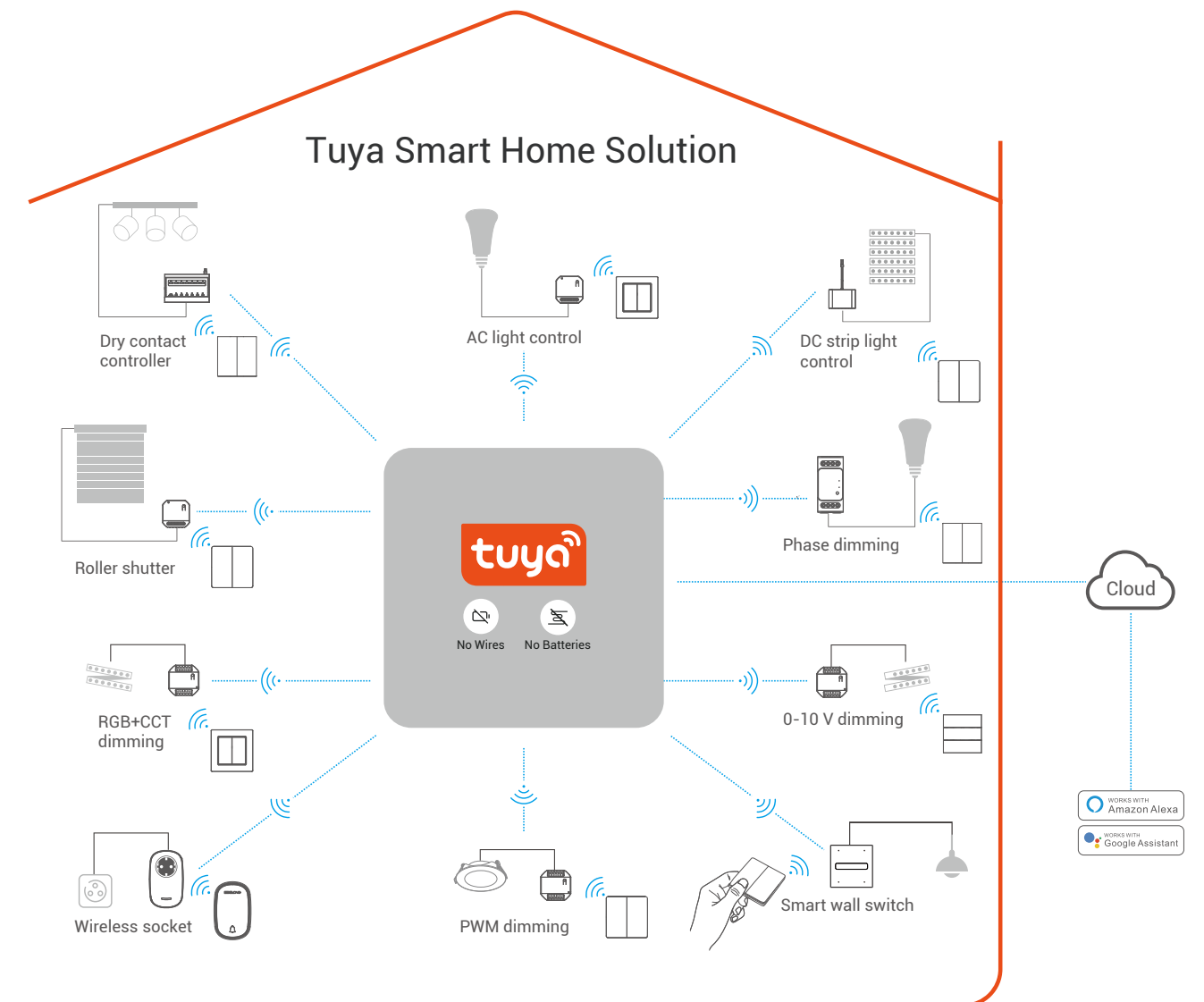


Home Assistant

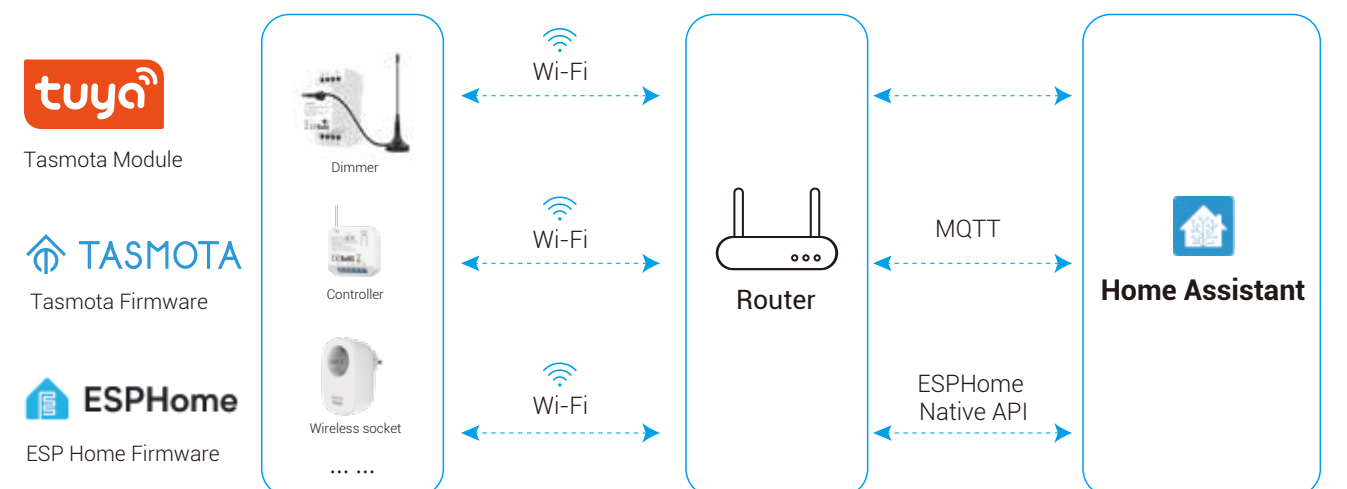


Supports multiple platforms and firmware options:
Tuya Wi-Fi / Tuya Zigbee / Tasmota / ESPHome

Tuya & Home Assistant Series



Tuya Series



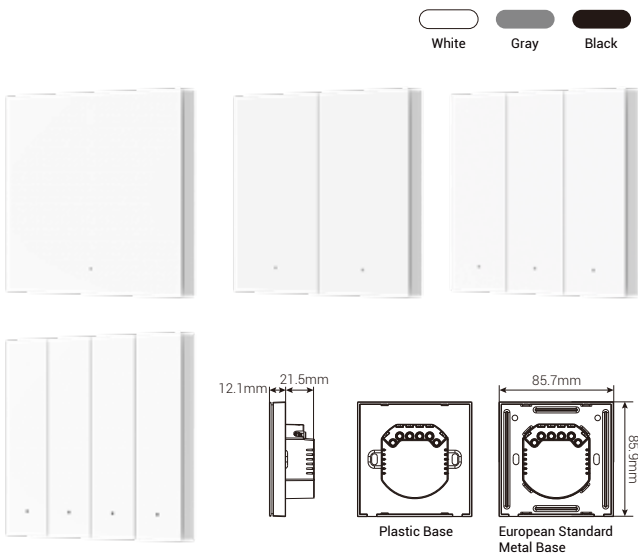
Tuya & Home Assistant Series

Smart Wall Switch

>> 86mm Smart Wall Switch

- > Compatible with standard 86 mounting box
- > Neutral wire required
- > APP remote control
- > Voice assistant compatible

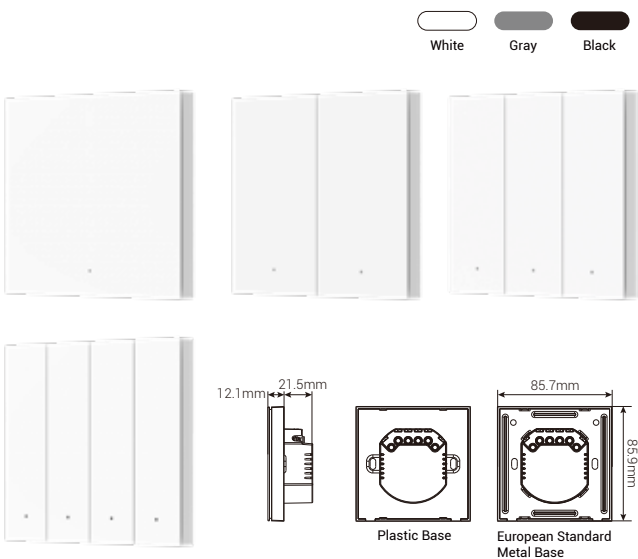
Model (-XX Optional)	GW2-XX
Power Supply	Neutral-live Wire & No Neutral Live
Load	No neutral: LED:(3-300) W per channel Neutral-live: LED: Max 1000W per channel
Input	AC 200–240 V 50/60 Hz
Gang	1, 2, 3, 4
Button Numbers	1, 2, 3, 4
Relay	20A*1/2/3 /4
Protocol (-XX Optional)	-TW: Tuya Wi-Fi -TZ: Tuya Zigbee -TAS: Tasmota Wi-Fi -EW: ESP Wi-Fi



>> 86mm No Neutral Smart Wall Switch

- > Compatible with standard 86 mounting box
- > No Neutral
- > APP remote control
- > Voice assistant compatible

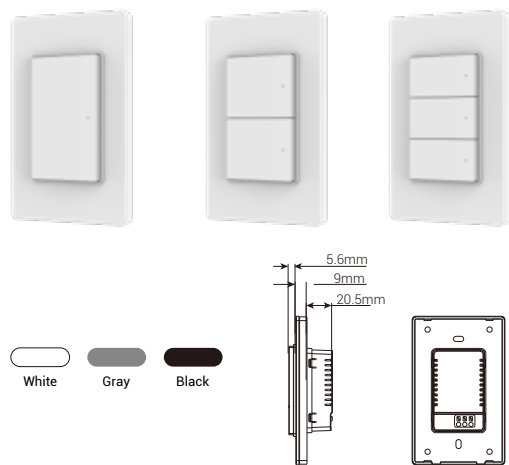
Model (-XX Optional)	GW1-XX
Power Supply	No Neutral Wire
Input	AC 200–240 V 50/60 Hz
Gang	1, 2, 3, 4
Button Numbers	1, 2, 3, 4
Max.Load	LED(10-300)W
Protocol (-XX Optional)	-TW: Tuya Wi-Fi -TZ: Tuya Zigbee -TAS: Tasmota Wi-Fi -EW: ESP Wi-Fi



>> 118mm No Neutral Smart Wall Switch

- > Compatible with standard 118 mounting box
- > No Neutral
- > APP remote control
- > Voice assistant compatible

Model (-XX Optional)	RW1-XX
Power Supply	Neutral-live Wire & No Neutral Live
Input	AC 100–240 V 50/60 Hz
Output Channel	1, 2, 3
Relay	16A*1/2/3
Max.Load	No neutral: LED:(10-300) W per channel Neutral-live: LED: Max 300W per channel
Protocol (-XX Optional)	-TZ: Tuya Zigbee -TAS: Tasmota Wi-Fi -EW: ESP Wi-Fi

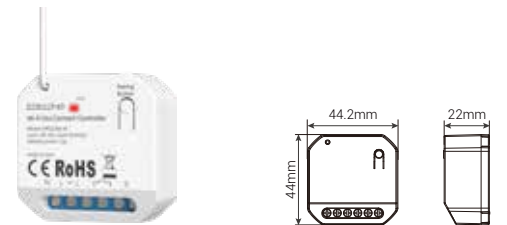


Dry Contact Controller

>> Compact Dry Contact Controller

- > Extremely small size, can be stored in the switch bottom box
- > 16A relay 1-channel ON/OFF control

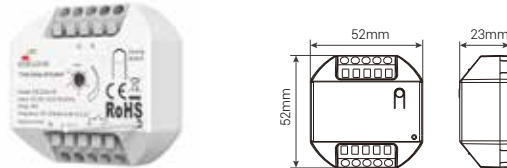
Model (-XX Optional)	ERC2204-XX
Power Supply	AC 100-240 V/ DC 12-48 V
Relay	16A
Wired Switch	Push Button / Rocker Switch
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> Compact Time-Delay Dry Contact Controller

- > Small size, mounted-in
- > 16A relay 1-channel ON/OFF control

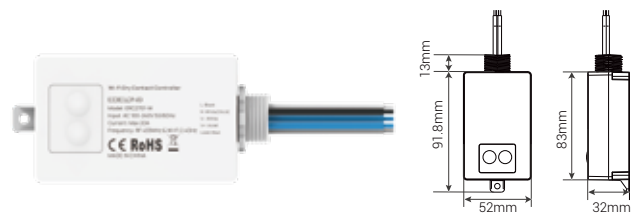
Model (-XX Optional)	ERC2304-XX
Power Supply	AC 100-240 V
Relay	16A
Wired Switch	Push Button / Rocker Switch
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> Dry Contact Controller

- > Suitable for US standard screw mounting
- > 30A relay 1-channel ON/OFF control

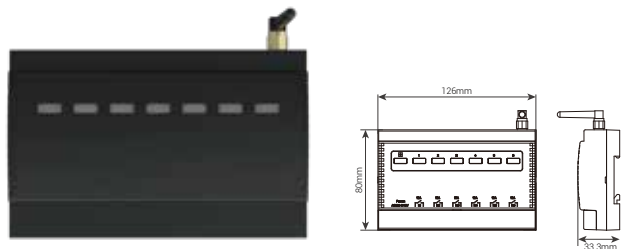
Model (-XX Optional)	ERC2701-XX
Power Supply	AC 100-240 V
Relay	30A
Wired Switch	Push Button / Rocker Switch
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> 6-Channel DIN-Rail Dry Contact Controller

- > Classic DIN-Rail installation
- > 16A relay 6-channel ON/OFF control

Model (-XX Optional)	ERC102-XX / ERC104-XX
Power Supply	AC 100-240 V
Relay	16A*2 + 10A*4
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



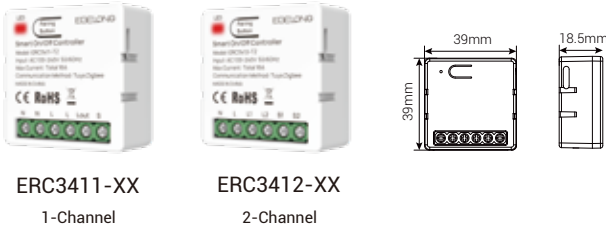
Tuya & Home Assistant Series

On/Off Controller

>> 1- & 2-Channel Ultra-Compact Controller

- > 1-Channel / 2-Channel Options – Flexible Use
- > Ultra-Compact Design – Easy to Install
- > APP remote control
- > Voice assistant compatible

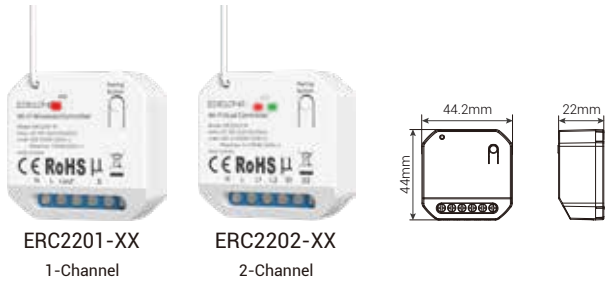
Model (-XX Optional)	ERC3411-XX / ERC3412-XX
Power Supply	AC 100-240 V 50/60Hz
Control Component	Relay
Function	On/Off Controller
Output Channel	1 / 2
Wired Switch	Push Button / Rocker Switch
Max.Load Per Channel	LED 500W
Protocol (-XX Optional)	-TW: Tuya Wi-Fi -TZ: Tuya Zigbee -TAS: Tasmota Wi-Fi -EW: ESP Wi-Fi



>> 1- & 2-Channel Compact On/Off Controller

- > Extremely small size, can be stored in the switch bottom box
- > 1/2-channel ON/OFF control

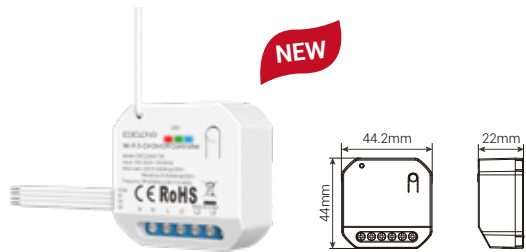
Model (-XX Optional)	ERC2201-XX / ERC2202-XX
Power Supply	AC 100-240 V 50/60Hz
Relay	8A / 8A*2
Max LED Load Per Channel	500W ~ 220V
Wired Switch	Push Button / Rocker Switch
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> 3-Channel Compact On/Off Controller

- > 3 Channel Options
- > Dual Control – Works Online & Offline
- > Compact Design – Easy to Install
- > Wet Contact Output – Drives Loads Directly

Model (-XX Optional)	ERC22A03-XX
Power Supply	AC 100-240 V
Output Channel	3
Wired Switch	Push Button / Rocker Switch
Relay	5A*3
Max.Load Per Channel	LED 250W, Resistive 500W
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



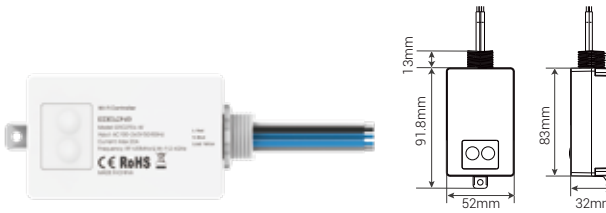
Tuya & Home Assistant Series

On/Off Controller

>> On/Off Controller 30A

- > Suitable for US standard screw mounting
- > 30A relay, 2000W LED high power 1-channel ON/OFF control

Model (-XX Optional)	ERC2704-XX
Power Supply	AC 100-240 V
Relay	30A
Resistive Load Per Channel	20A/220 AC
Max LED Load Per Channel	2000W~220V
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz

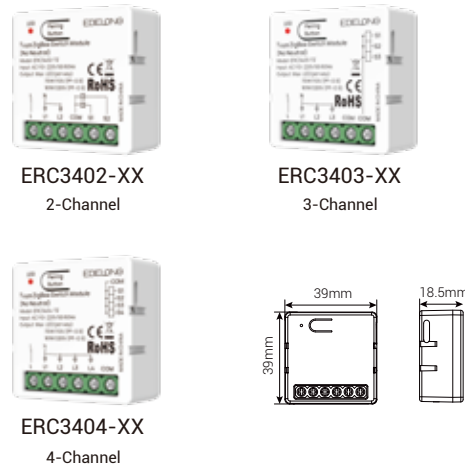


Ultra-Compact No Neutral Controller

>> 2- & 4-Channel Ultra-Compact No Neutral Controller

- > 2-channel / 3-channel / 4-channel options – flexible use
- > No neutral wire needed
- > No external capacitor required
- > Ultra-compact design – easy to install
- > Voice assistant compatible

Model (-XX Optional)	ERC3402-XX / ERC3403-XX / ERC3404-XX
Power Supply	AC 110-220 V 50/60Hz
Control Component	Thyristor
Output Channel	2 / 3 / 4
Wired Switch	Push Button / Rocker Switch
Load Range	LED (10-100) W
Protocol (-XX Optional)	-TW: Tuya Wi-Fi -TZ: Tuya Zigbee -TAS: Tasmota Wi-Fi -EW: ESP Wi-Fi



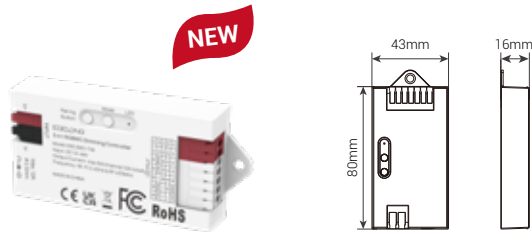
Tuya & Home Assistant Series

PWM LED Dimmer

>> Ultra-thin 5-in-1 LED PWM Dimmer

- > Supports 5 modes: RGB / RGBW / RGBWC / CCT / single-color
- > 16 Million Colors to Choose From
- > Color Temperature Adjustable
- > Wi-Fi Wireless Control, Long-Range Access
- > Smartphone App Control

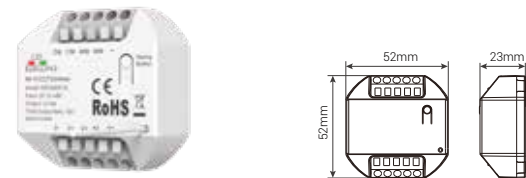
Model (-XX Optional)	ERC3801-XX
Power Supply	DC 12-48 V
Max Output Current	6A Max.per chanel, total 12A Max
Output Type	Constant Voltage PWM Dimming
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> 2-Channel Compact PWM LED Dimmer

- > Small size, built in
- > 2-channel 6A PWM dimming

Model (-XX Optional)	ERC2303-XX
Power Supply	DC 12-48 V
Output Power	Max. 6A per channel
Component Type	MOS
Wired Switch	Push Button / Rocker Switch
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> Compact RGBW LED Dimmer

- > Small size, built in
- > 4 channels (RGBW)

Model (-XX Optional)	C2305--XX
Power Supply	DC 12-48 V
Output Power	Max. 3A per channel
Component Type	MOS
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



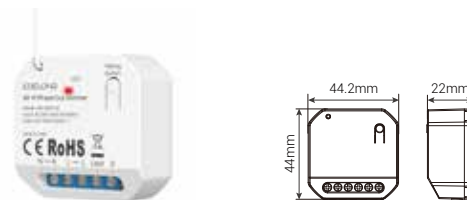
Tuya & Home Assistant Series

Phase-Cut Dimmer

>> Compact Phase-Cut Dimmer

- > Extremely small size, can be stored in the switch bottom box
- > 1-channel 150W phase-cut dimming

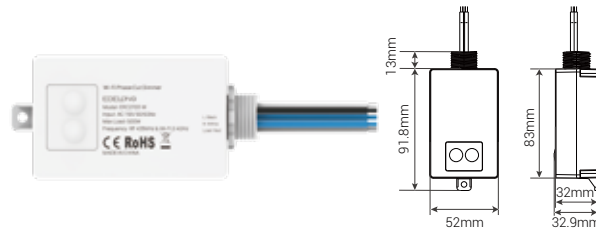
Model (-XX Optional)	ERC2203-XX
Power Supply	AC 200-240 V
Load Power	150W
Phase Cutting Method	Leading / Trailing Edge Dimming
Wired Switch	Push Button / Rocker Switch
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> High Power Phase-cut Dimmer

- > Suitable for US standard screw mounting
- > 1-channel 300W phase-cut dimming

Model (-XX Optional)	ERC2703-XX
Power Supply	AC 100-120 V/AC 200-240 V
Load Power	300W
Phase Cutting Method	Leading / Trailing Edge Dimming
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



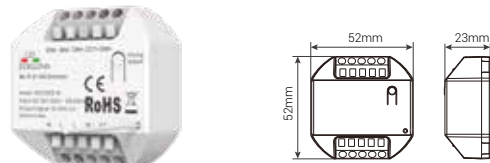
Tuya & Home Assistant Series

0-10 V Dimmer

>> 2-Channel Compact 0-10 V Dimmer

- > Small size, mounted-in
- > 2-channel 0-10 V dimming

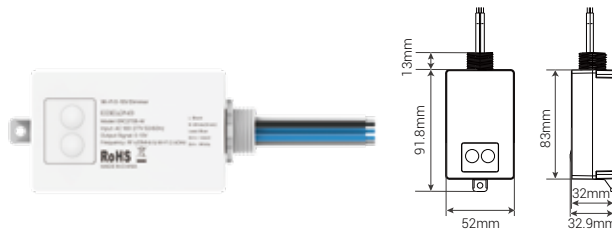
Model (- Optional)	ERC2302-XX
Power Supply	AC 100-240 V
Maximum Signal Output Current	50mA
Wired Switch	Push Button / Rocker Switch
Protocol (- Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



>> 0-10 V Dimmer (with 30A relay)

- > Suitable for US standard screw mounting
- > 30A relay 1-channel 0-10 V dimming (With relay)

Model (- Optional)	ERC2706-XX
Power Supply	AC 100-240 V
Relay Cut Off	30A wet contact
Maximum Signal Output Current	50mA
Protocol (- Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



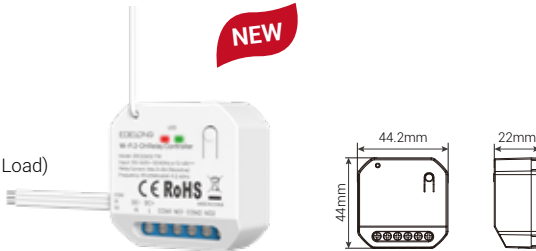
Tuya & Home Assistant Series

Roller Shutter Controller

>> Compact Wireless Controller (AC & DC)

- > 1-channel / 2-channel options
- > Dual control – works online & offline
- > Dry contact output – universal integration
- > Voice assistant compatible

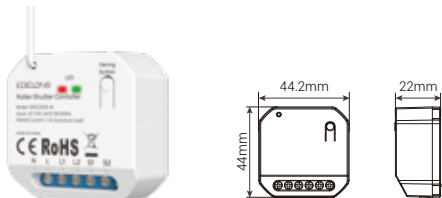
Model (-XX Optional)	ERC22A02-XX
Power Supply	AC 100-240 V / DC 12-48 V
Control Component	Relay
Output Channel	2
Wired Switch	Push Button / Rocker Switch
Relay	8A*2
Max.Load	8A (Resistive Load) / 4A (Capacitive Load) / 1A (Inductive Load)
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433MHz -TZ: Tuya Zigbee & RF 433MHz -TAS: Tasmota Wi-Fi & RF 433MHz -EW: ESP Wi-Fi & RF 433MHz



>> Compact Roller Shutter Controller

- > Extremely small size, can be stored in the switch bottom box
- > 8A relay dual channel roller shutter

Model (-XX Optional)	ERC2206-XX
Power Supply	AC 100-240 V
Relay	8A*2
Max.Load	Inductive : 374W (220V)
Wired Switch	Push Button / Rocker Switch
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz

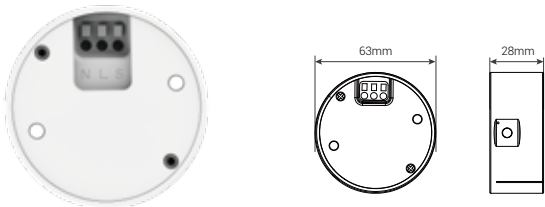


Japanese Standard Lamp Controller

>> Ceiling Mounted On/Off Lighting Controller

- > Ceiling mounted
- > Terminal neutral-live wiring
- > Relay 16A 1-channel On/Off control

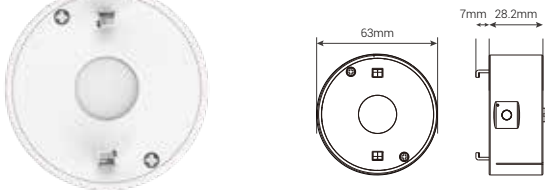
Model (-XX Optional)	ERCJ01-XX
Power Supply	AC 100-240 V
Relay	16A
Resistive Load	2200W
LED Load	1000W
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



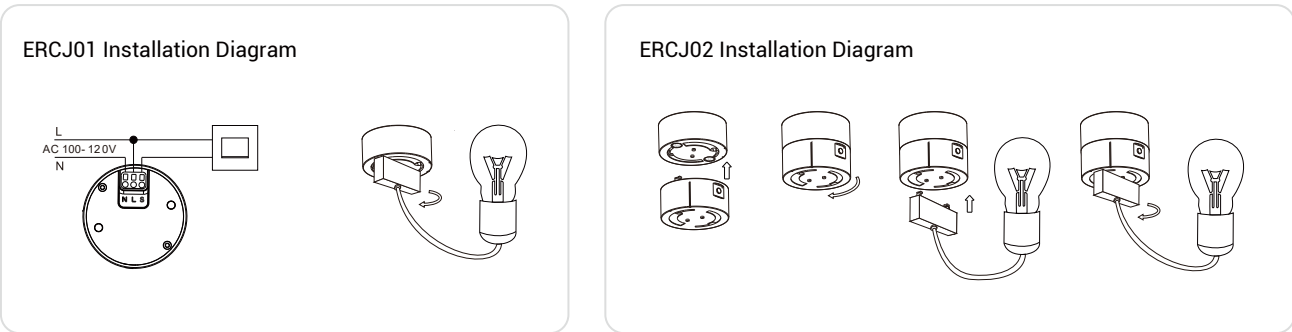
>> Plug-in Ceiling Mounted On/Off Lighting Controller

- > Ceiling mounted
- > Plug-in connection
- > Relay 16A 1-channel On/Off control

Model (-XX Optional)	ERCJ02-XX
Power Supply	AC 100-240 V
Relay	16A
Resistive Load	2200W
LED Load	1000W
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



Installation Diagram

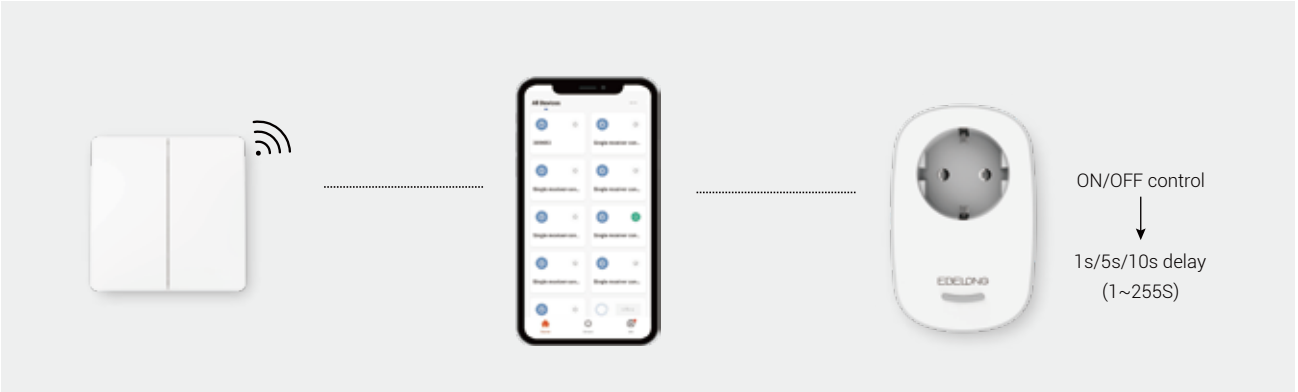
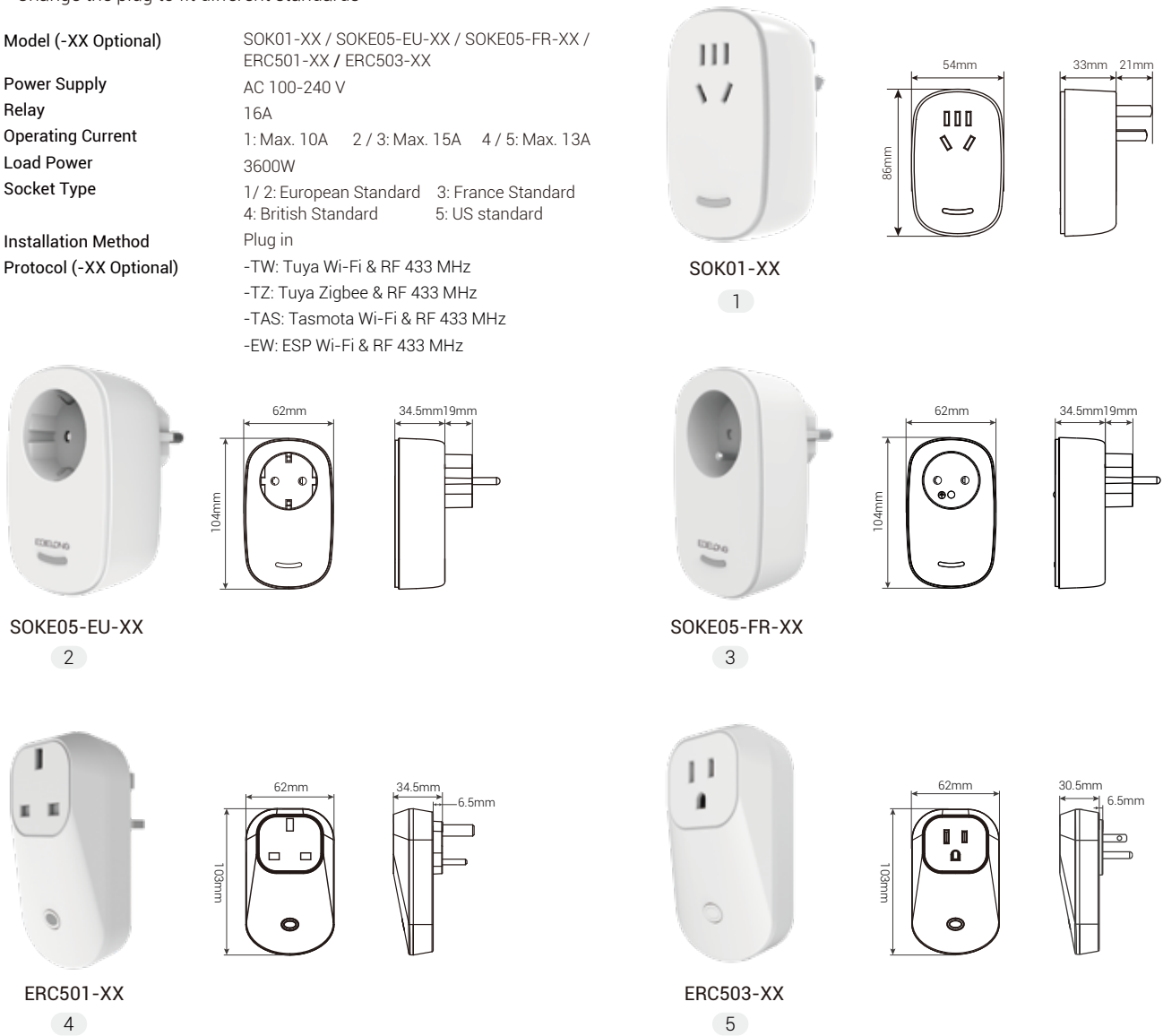


Wireless On/Off Socket

>> On/Off Socket Compliant with Different Standards

- > Wireless socket support wireless kinetic switch
- > Change the plug to fit different standards

Model (-XX Optional)	SOK01-XX / SOKE05-EU-XX / SOKE05-FR-XX / ERC501-XX / ERC503-XX
Power Supply	AC 100-240 V
Relay	16A
Operating Current	1: Max. 10A 2 / 3: Max. 15A 4 / 5: Max. 13A
Load Power	3600W
Socket Type	1 / 2: European Standard 3: France Standard 4: British Standard 5: US standard
Installation Method	Plug in
Protocol (-XX Optional)	-TW: Tuya Wi-Fi & RF 433 MHz -TZ: Tuya Zigbee & RF 433 MHz -TAS: Tasmota Wi-Fi & RF 433 MHz -EW: ESP Wi-Fi & RF 433 MHz



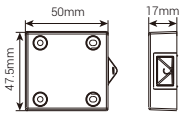
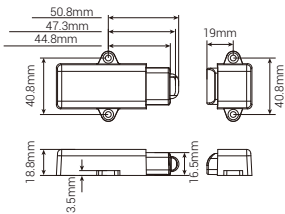
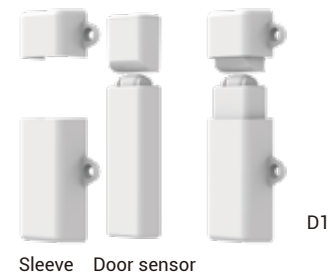
Tuya & Home Assistant Series

Self-Powered Door/Window Sensor

>> Kinetic Door/Window Sensor

- > Self-powered, no wiring required, no batteries to replace
- > Three types: surface type, classic size type, and recessed type
- > Easily connected to an RF or Tuya solution as a transmitter
- > Smart Scene Automation, Triggers alarms or other smart actions when a door or window is opened.

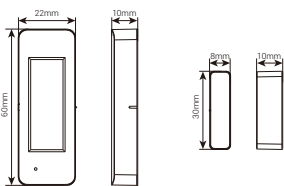
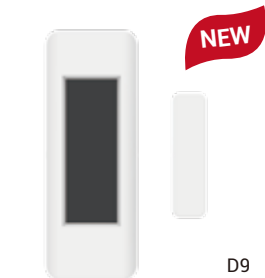
Model	D1/ D2
Frequency	RF 433 MHz
Power Supply	Self-Powered
Mechanical Life	>100,000 times
Colors	White, Black (Available in Custom Colors)



>> Solar Door / Window Sensor

- > Permanent Solar Power, Self-powered , Magnetic Reed Switch Design
- > Fade-Resistant housing and IP65 Rating, Designed for Outdoor Installation
- > Direct Pairing with Controller – No Gateway Required
- > Ultra-Low Power and Efficient Communication

Model	D9
Frequency	RF 433 MHz
Power Supply	Solar-powered
Detection Type	Reed switch
Mechanical Life	>100,000 times
Colors	White (Available in Custom Colors)



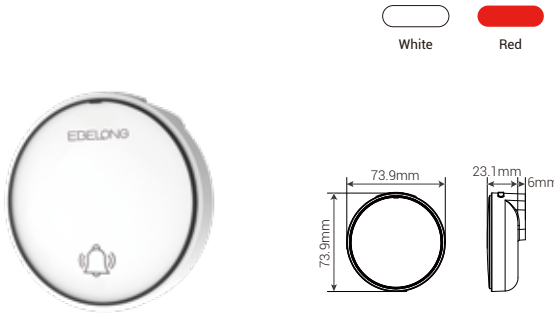
Tuya & Home Assistant Series

Smart Security Host

>> Smart Security Host

- > Connect devices to the internet.
- > Send a message to your phone when an alarm is triggered.
- > Also act as an alarm

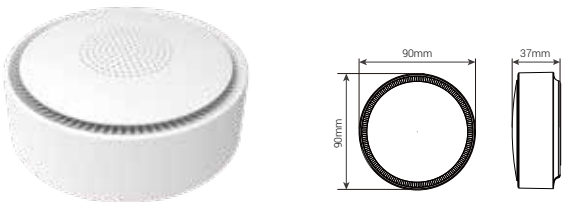
Model	QME-S
Power Supply	AC 100-240 V
Frequency	RF 433 MHz & Wi-Fi
Work Type	Plug in
Operating Distance	80m outdoor, 30m indoor
Operating Temperature	-20 C ~+55 C



>> Smart Security Host

- > Type-C interface with 5V input, offering more convenient connectivity
- > Device networking enables the monitoring of security status anytime and anywhere.
- > When the alarm is triggered, the alarm information will be pushed to the mobile phone.

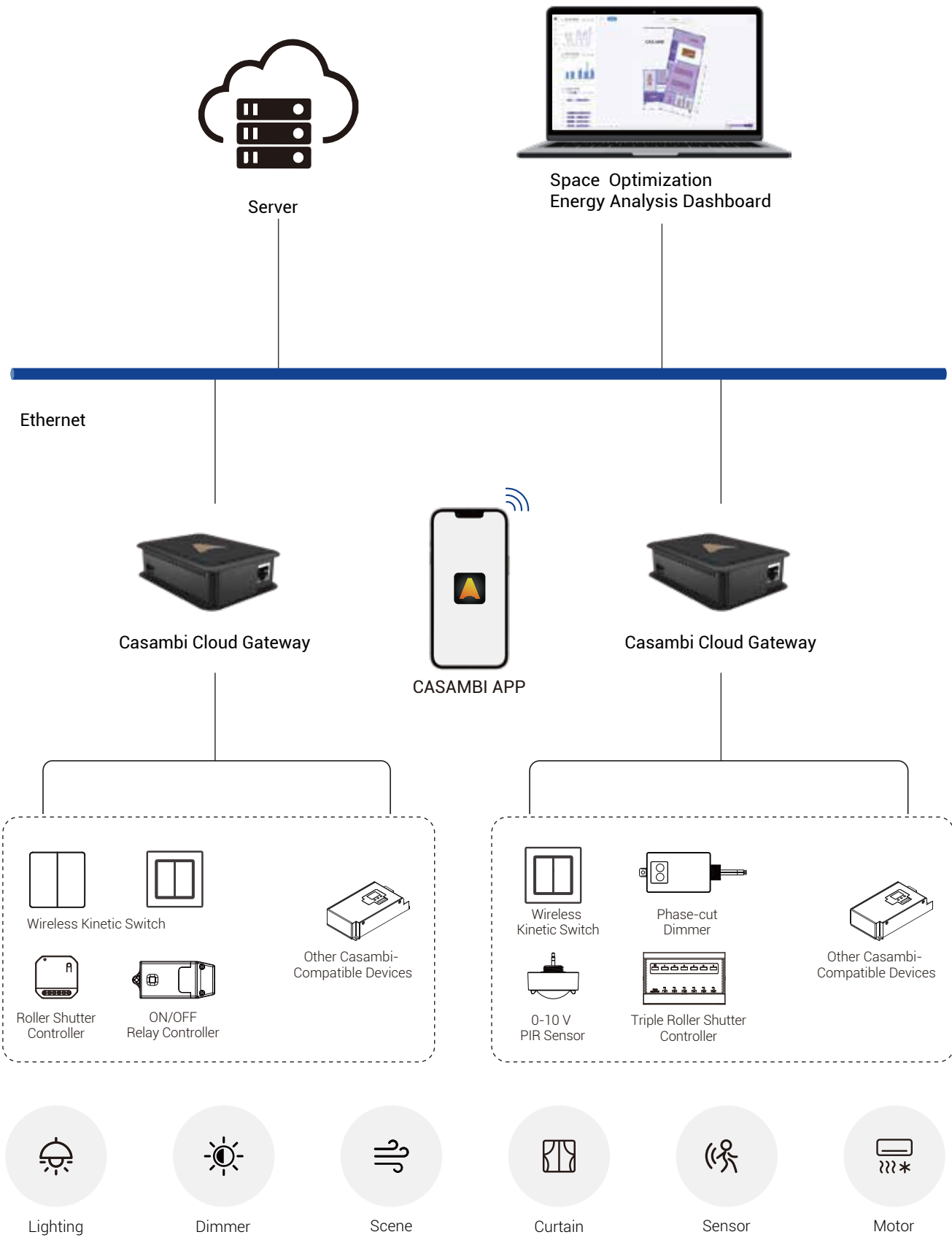
Model	ECH107
Power Supply	DC 5V
Frequency	RF 433 MHz & Wi-Fi
Work Type	Type-C
Operating Distance	80m outdoor, 30m indoor
Operating Temperature	-20 C ~+55 C





CASAMBI Series

CASAMBI Commercial Lighting Control



Space Analysis

See How Your Space Really Performs
Understand usage, uncover waste, and
improve performance with confidence.





Lower Energy Bills
Reduce HVAC and lighting energy consumption by aligning usage with real occupancy.



Better Comfort, Higher Productivity
Automatically adapt lighting and environments to support daily operations and occupant comfort.

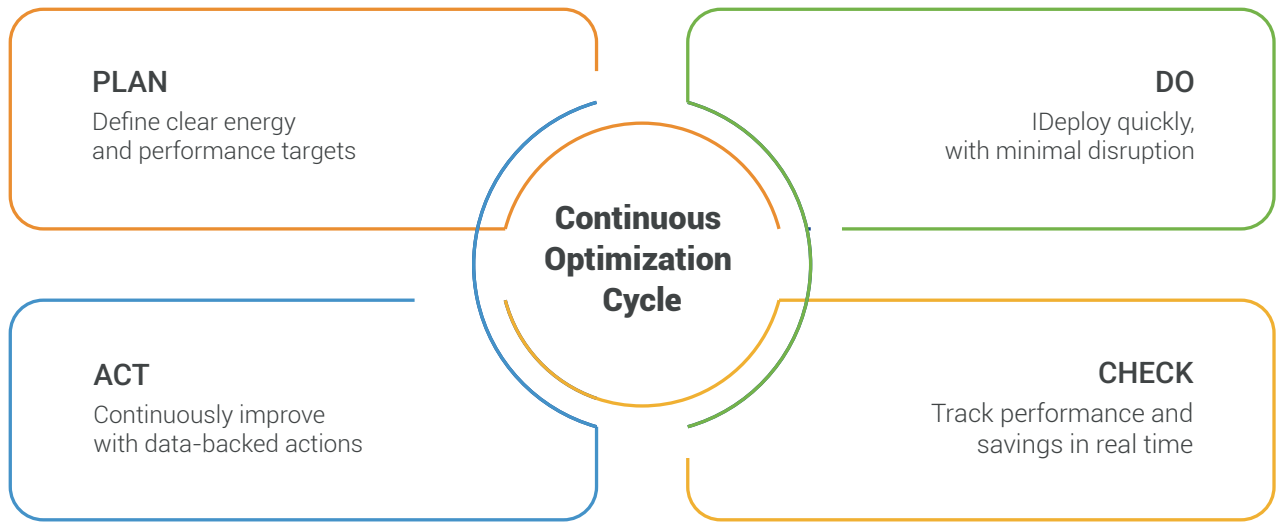


Use Less Space, Get More Value
Turn usage data into informed decisions that reduce long-term operational and real estate costs.



Lower Operating and Real Estate Costs
Turn space and energy data into lower costs, better decisions, and compliance-ready results – without increasing operational complexity.

Turn space and energy data into lower costs, better decisions,
and compliance-ready results – without adding operational complexity.



Energy Optimization

A proven path to measurable and repeatable savings



- Audit- and reporting-ready
- Provable energy savings
- Compliance without extra effort

A data-driven platform that turns space usage and energy data into measurable efficiency, cost savings, and compliance-ready results.



Supports both on-premise and cloud deployment, with no mandatory cloud dependency.

Optional: On-premises Server
Run the platform fully on-premise to keep data local, protect privacy, and meet IT and compliance requirements.



Recommended :
CPU: 12th Core
RAM: 16 GB ECC
Storage: RAID 1 TB
Typical: 5,000 devices

Optional: Cloud Server
Deploy in the cloud for fast scaling, multi-user access, and simplified collaboration across teams.



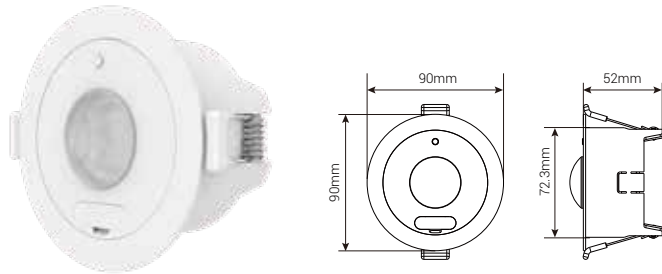
Recommended :
CPU: 4
Memory: 16 GB
CPU: Intel Xeon (Ice Lake)
Typical: 5,000 devices

CASAMBI PIR Sensor

>> Ceiling Mounted PIR Sensor

- > No wiring required, flexible installation
- > Ultra-low power consumption design, Up to 6-year lifespan
- > PIR + Lux sensing
- > Casambi Mesh node

Model	H2-B-CAS
Frequency	2.4 GHz
Power Supply	Battery CR123A
Detection Angle	360°
Detection Diameter	Max. 8m
Mounting Height	2.5m
Mounting Method	Ceiling Installation



>> Solar-powered PIR Sensor

- > Solar solar-powered + supercapacitor
- > Ultra-low power consumption design + backup battery
- > PIR + Lux sensing
- > Interchangeable optical lenses

Model	H5-CAS
Frequency	2.4 GHz
Power Supply	Solar-powered + Backup Battery
Detection Angle	360°
PIR Detection Angle	Wall: 120°; Ceiling: 360°
PIR Detection Diameter	Wall: 8 m; Ceiling: 10 m
Installation Height	Wall: 2.5-3 m, Ceiling: 3-5 m
Mounting Method	Ceiling Installation



>> Fixture Mounted Casambi to 0-10 V PIR Sensor

- > PIR + Lux sensing
- > Standard 0/1 – 10 V output interface
- > Casambi Mesh node
- > Compatible with EBELONG wireless kinetic switches

Model	H6-V-P-CAS
Frequency	2.4 GHz
Power Supply	DC 12-24 V
Dimming Output	0-10 V, Max. 20mA
Detection Angle	360°
Detection Diameter	5m
Mounting Height	2.5m
Mounting Method	Ceiling Installation



CASAMBI PIR Sensor

>> IP65 Casambi to 0-10 V PIR Sensor

- > PIR + Lux sensing
- > Standard 0/1 – 10 V output interface
- > IP65 rated waterproof design
- > Interchangeable optical lenses

Model	H7-V-P-CAS
Frequency	2.4 GHz
Power Supply	DC 12-24 V
Dimming Output	0-10 V, Max. 20mA
Detection Angle	360°
Detection Diameter	Low-bay: Max. 20m, High-bay: Max. 24m
Mounting Height	Low-bay: 3-12m, High-bay: 10-15m



>> Fixture-Integrated Casambi to 0-10 V PIR Sensor

- > PIR + Lux sensing
- > Standard 0/1 – 10 V output interface
- > Casambi Mesh node
- > Compatible with EBELONG wireless kinetic switches

Model	H8-V-P-CAS
Frequency	2.4 GHz
Power Supply	DC 12-24 V
Dimming Output	0-10 V, Max. 20mA
Detection Angle	360°
Detection Diameter	6m
Mounting Height	2.5m



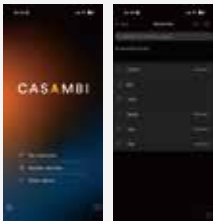
CASAMBI Kinetic Switch



Preparation Phase



1. Download the Casambi APP from the APP store.



2. Select My Networks, choose an existing network or create a network, and then enter that network.

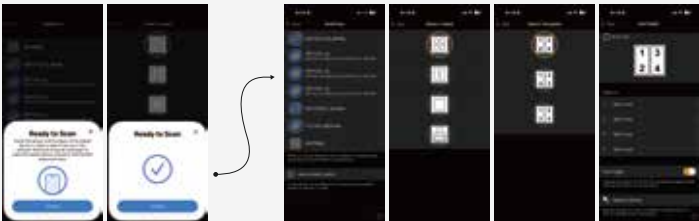


3. Tap "More" in the lower right corner and select "Switches", then tap "Add a kinetic switch" below to add a switch.

Pairing Phase



4. Place your phone on the lower part of the switch in the position shown below to add the switch using NFC.



5. After successful pairing, the added switch will appear in the switch list. Tap it to set the key sequence and functions.



Go back to the screen of switches, select the switch you need to remove, right slide and select Delete to remove the switch.

Remove Switch

CASAMBI Kinetic Switch

>> Europe Design Wireless Kinetic Switch

- > Transmitter casambi signals
- > Wood, Glass, Acrylic type
- > No wires, no batteries, no limits



Model	E4-BT02
Frequency	2.4 GHz
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	2, 4
Colors	White, Black, Grey (Available in Custom Colors)



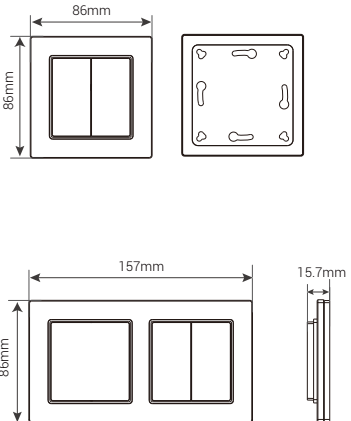
Glass



Wood



Acrylic

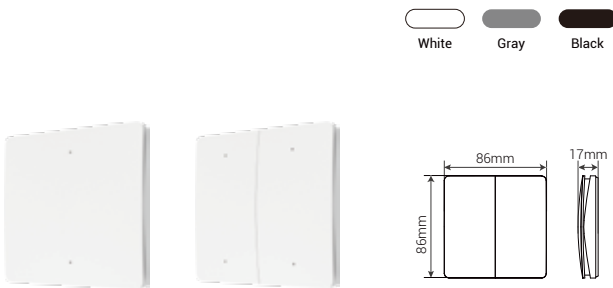


CASAMBI Kinetic Switch

>> Wireless Kinetic Switch

- > Rebound type, dimmable kinetic switch
- > No wires, no batteries, no limits

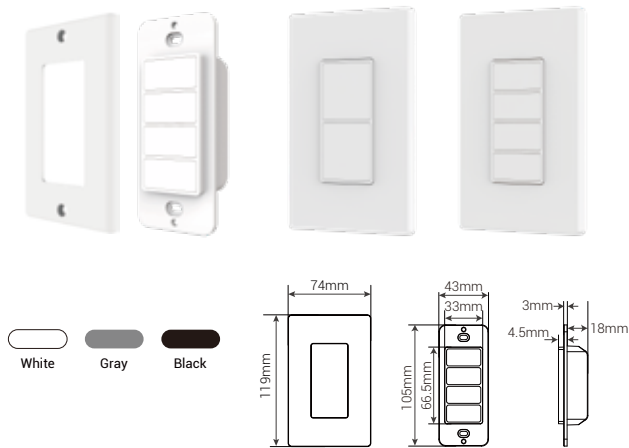
Model	S3-BT02
Frequency	2.4 GHz
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	2, 4
Colors	White, Black, Grey (Available in Custom Colors)



>> Multi-button Wireless Kinetic Switch

- > US standard
- > No wires, no batteries, no limits

Model	U4-BT02
Frequency	2.4 GHz
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	2, 4
Colors	White, Black, Grey (Available in Custom Colors)

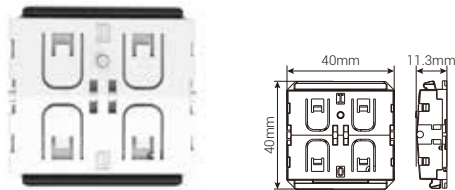


CASAMBI Transmitter Module

>> Wireless Kinetic Transmitter Module

- > Transmitter casambi signals
- > Self-Powered, no wiring required, no batteries to replace
- > Can be used with a variety of switch appearances

Model	EMT08-BT02
Frequency	2.4 GHz
Switch Type	Push Button
Power Supply	Self-Powered
Mechanical Life	>100,000 times
Buttons Options	2, 4

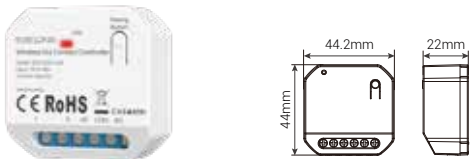


CASAMBI Controller

>> Dry Contact Controller

- > Extremely small, can be stored in the switch box
- > 1-channel 5A DC controller
- > Support Casambi APP

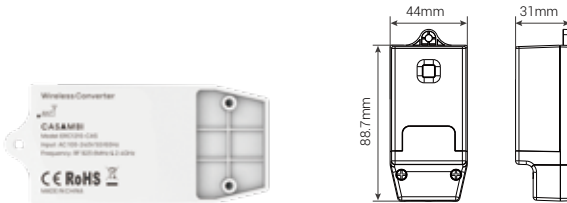
Model	ERC2209-CAS
Frequency	2.4 GHz
Power Supply	DC 8-48V
Rated Current	5A
Relay Type	SPDT
Channel	1
Wired Switch	Push Button / Rocker Switch



>> Signal Converter

- > External installation
- > Convert the RF signals to Casambi signals

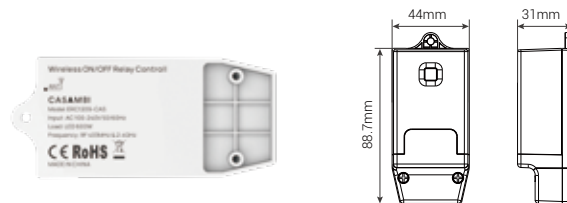
Model	ERC1210-CAS
Frequency	RF 433 MHz & 2.4 GHz
Power Supply	AC 100-240 V
Installation Method	External
Control Distance	RF: 80m Outdoor, 25m Indoor 2.4GHz: 40m Outdoor, 30m Indoor



>> On/Off Controller

- > External installation
- > 1-channel 600W ON/OFF control
- > Support Casambi APP

Model	ERC1209-CAS
Frequency	RF 433 MHz & 2.4 GHz
Power Supply	AC 100-240 V
Relay	10A
Resistive Load Per Channel	6A/220V AC
Max LED Load Per Channel	600W ~ 220V

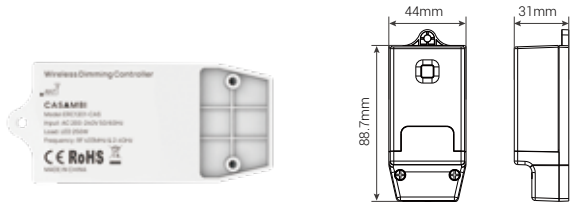


CASAMBI Controller

>> Phase-Cut Dimmer

- > External installation
- > 1-channel 150W/250W optional ON/OFF control
- > Support Casambi APP

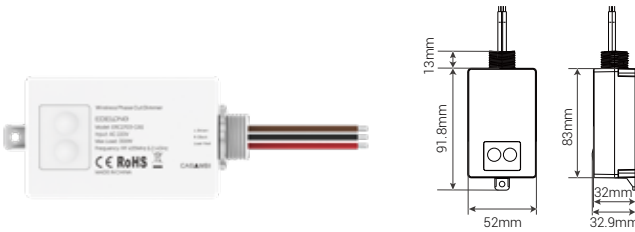
Model	ERC1201-CAS
Frequency	RF 433 MHz & 2.4 GHz
Power Supply	AC 200-240V
Load Power	LED:150W / LED:250W
Installation Method	External
Phase Cutting Method	Leading / Trailing Edge Dimming



>> Phase-Cut Dimmer

- > Install with American screw thread
- > Support AC 100-120V
- > Support Casambi APP

Model	ERC2703-CAS
Frequency	2.4 GHz
Power Supply	AC 100-120V
Load Power	LED:300W
Installation Method	External
Phase Cutting Method	Leading / Trailing Edge Dimming



>> Wireless 0-10V Controller

- > Supports Casambi App scenes, groups and automations
- > 0-10V output, max20mA
- > Built-in 25A relay output for 100-277V AC loads
- > US standard threaded/socket mount for fast wiring

Model	ERC2706-CAS
Frequency	2.4 GHz
Input Voltage	AC 100-277V, 50/60Hz
0/1-10V Signal Output Current	Maximum 20mA
Relay Output Voltage	AC 100-277V
Relay Output Current	Maximum 25A
Mounting Method	Threaded Mount

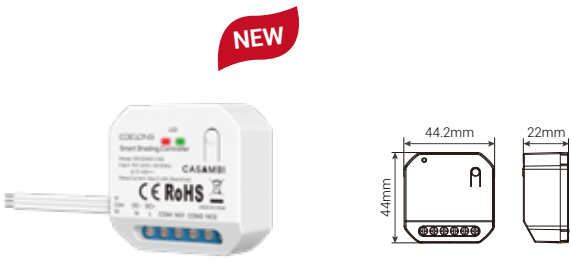


CASAMBI Controller

>> Smart Shading Controller

- > Multiple Casambi Profile modes
- > Supports both AC loads and DC dry-contact loads (12VDC-240VAC)
- > Supports Casambi kinetic switches and sensors

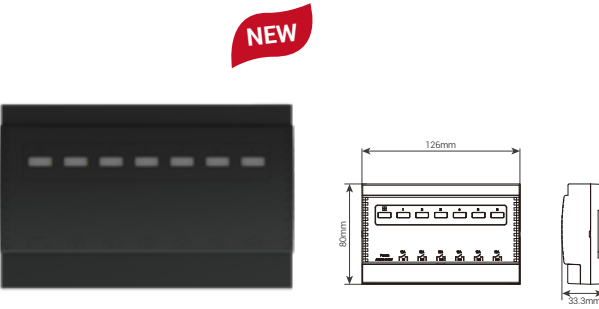
Model	ERC22A02-CAS
Frequency	2.4 GHz
Power Supply	AC 100-240V / DC 12-48V
Output Channel	2
Installation Method	Junction box mounted
Relay	Relay Output Dry-Contact Output
Max.Load	8A (Resistive Load) / 4A (Capacitive Load) / 1A (Inductive Load)

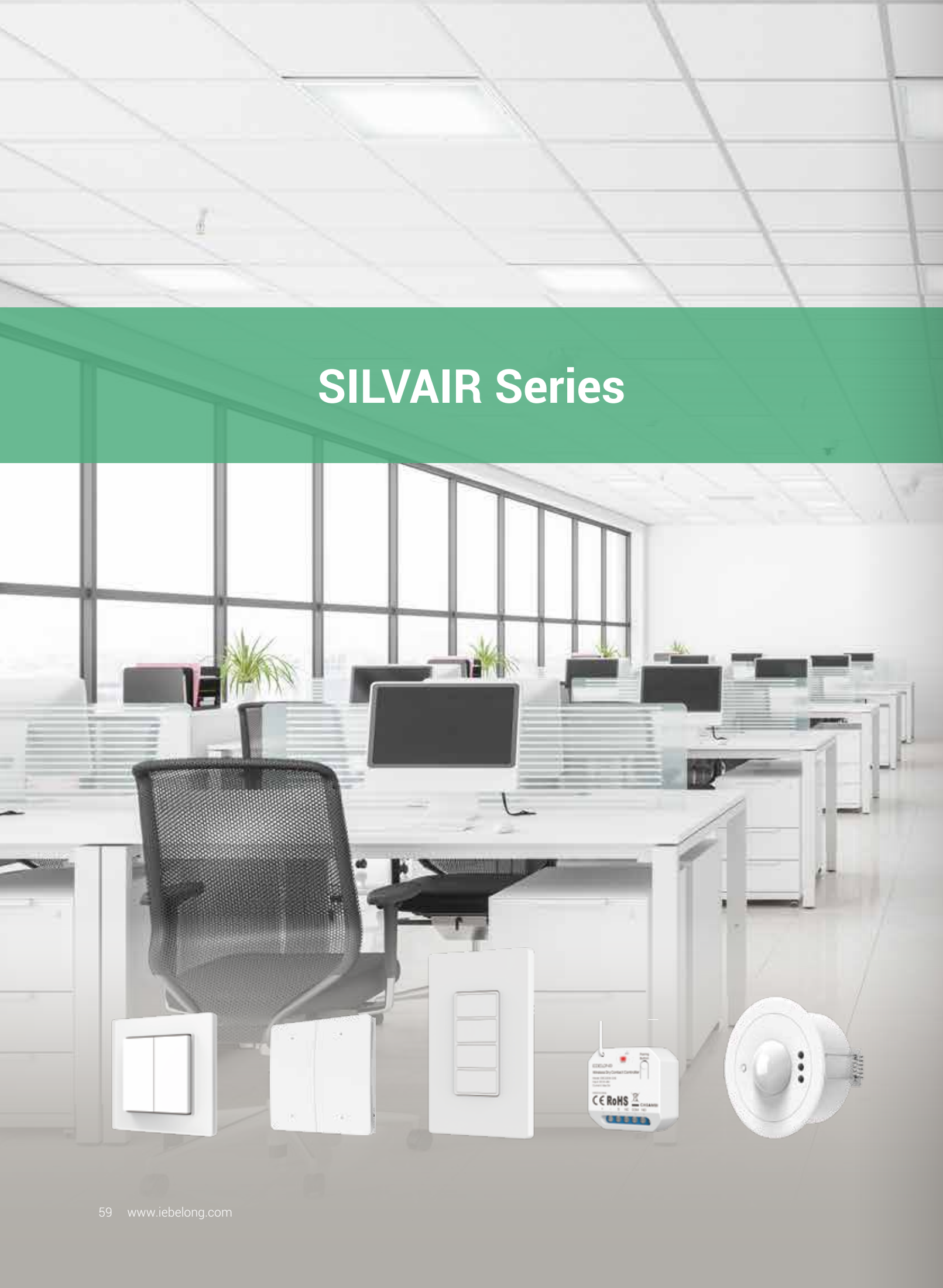


>> Smart Multi-Channel Shading Controller

- > Multiple Casambi Profile modes
- > Supports both AC loads and DC dry-contact loads (12VDC-240VAC)
- > Channel interlock to prevent mis-triggering
- > 6-channel centralized control

Model	ERC107-CAS
Frequency	2.4 GHz
Power Supply	AC 100-240V / DC 12-100V
Output Channel	6
Installation Method	DIN-Rail Mount
Output Type	Active Output / Passive Output
Max.Load	16A Per Channel (Resistive Load) 8A Per Channel (Capacitive Load) 2A Per Channel (Inductive Load)





SILVAIR Series

Technology Partner

SILVAIR

SILVAIR Series

SILVAIR Kinetic Switch

>> Europe Design wireless kinetic switch

- > Transmitter Silvair signals
- > Wood, Glass, Acrylic type
- > No wires, no batteries, no limits



Model	E4-BT01
Frequency	2.4 GHz
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	2, 4
Colors	White, Black, Grey (Available in Custom Colors)



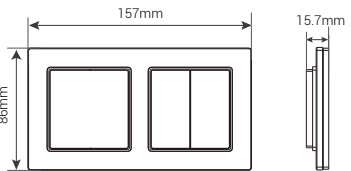
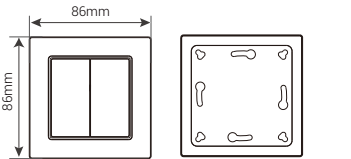
Glass



Wood



Acrylic

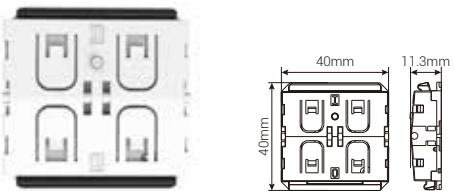


SILVAIR Transmitter Module

>> Wireless Kinetic Transmitter Module

- > Silvair program is optional
- > Self-Powered, no wiring required, no batteries to replace
- > Can be used with a variety of switch appearances

Model	EMT08-BT01
Frequency	2.4 GHz
Power Supply	Self-Powered
Switch Type	Push-Button
Mechanical Life	>100,000 times
Operating Temperature	-20~55°C



SILVAIR Kinetic Switch

>> Wireless Kinetic Switch

- > Transmitter Silvair signals
- > Rebound type, dimmable kinetic switch
- > No wires, no batteries, no limits

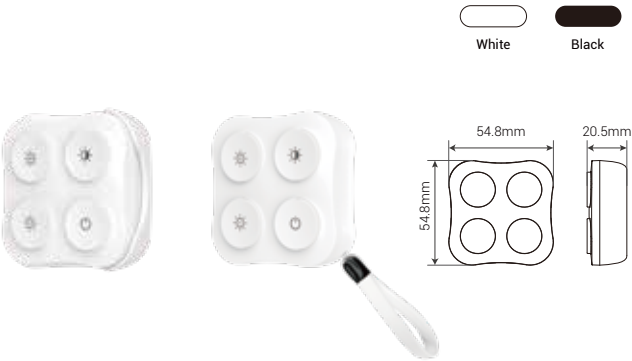
Model	S3-BT01
Frequency	2.4 GHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2, 4
Operating Temperature	-20~55°C
Colors	White, Black, Grey (Available in Custom Colors)



>> Kinetic Pocket Switch

- > Transmitter Silvair signals
- > Pocket-sized switch, smaller, easy portability
- > Magnetic base design. Can be easily removed after installation

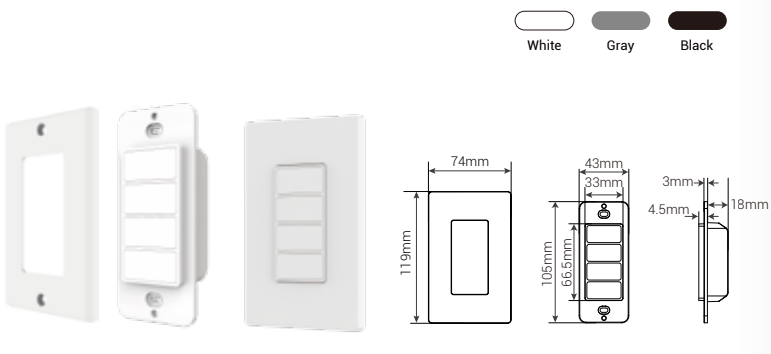
Model	P1-BT01
Frequency	2.4 GHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	4
Operating Temperature	-20~55°C
Colors	White, Black



>> Multi-button Wireless Kinetic Switch

- > Transmitter Silvair signals
- > US standard
- > No wires, no batteries, no limits

Model	U4-BT01
Frequency	2.4 GHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	4
Operating Temperature	-20~55°C
Colors	White, Black, Grey (Available in Custom Colors)

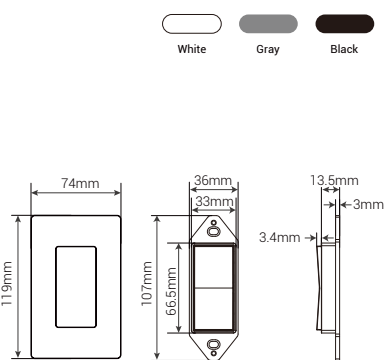


SILVAIR Kinetic Switch

>> Classic Type Wireless Kinetic Switch

- > US standard size
- > The button is fixed on the switch and cannot be removed
- > Composed of two parts: kinetic button and face cover

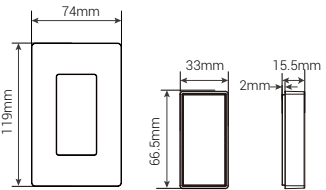
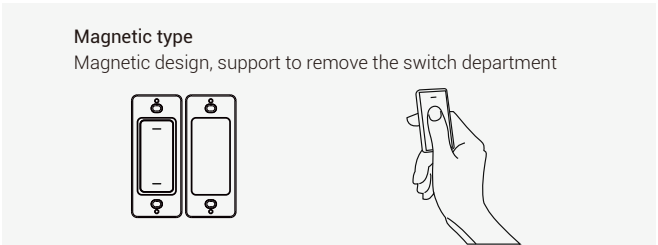
Model	U2-BT01
Frequency	2.4 GHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)



>> Magnetic Type Wireless Kinetic Switch

- > US standard size
- > The button can be removed and put back at will
- > Composed of three parts: magnetic button, button base and face cover

Model	U1-BT01
Frequency	2.4 GHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	2
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black, Grey (Available in Custom Colors)

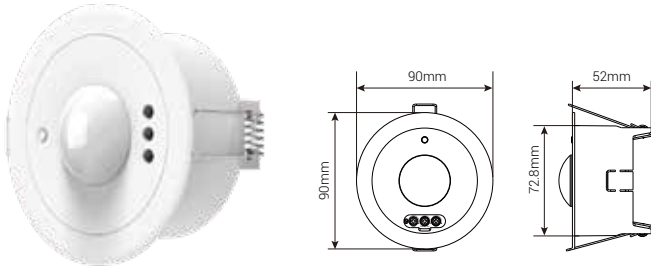


SILVAIR PIR Sensor

>> Ceiling Mounted PIR Sensor

- > PIR + Lux sensing
- > Two versions are available for different scenarios
- > Silvair Mesh node
- > Compatible with EBELONG wireless kinetic switches

Model	H2-R-SVA
Frequency	2.4 GHz
Power Supply	AC 100-277 V
Detection Diameter	Max. 8m
Mounting Height	2.5m



>> Fixture Mounted SILVAIR to 0-10 V PIR Sensor

- > PIR + Lux sensing
- > Standard 0/1 –10 V output interface
- > Silvair Mesh node
- > Compatible with EBELONG wireless kinetic switches

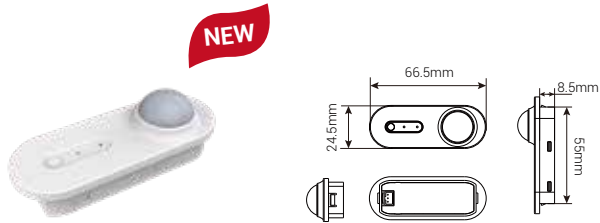
Model	H6-V-P-SVA
Frequency	2.4 GHz
Power Supply	DC 12-24 V
Dimming Output	0-10 V, Max. 20mA
Detection Angle	360°
Detection Diameter	5m
Mounting Height	2.5m



>> Fixture-Integrated SILVAIR to 0-10 V PIR Sensor

- > PIR + Lux sensing
- > Standard 0/1 –10 V output interface
- > Silvair Mesh node
- > Compatible with EBELONG wireless kinetic switches

Model	H8-V-P-SVA
Frequency	2.4 GHz
Power Supply	DC 12-24 V
Dimming Output	0-10 V, Max. 20mA
Detection Angle	360°
Detection Diameter	5m
Mounting Height	2.5m



SILVAIR PIR Sensor

>> IP65 SILVAIR to 0-10 V PIR Sensor

- > PIR + Lux sensing
- > Standard 0/1 –10 V output interface
- > IP65 rated waterproof design
- > Interchangeable optical lenses

Model	H7-V-P-SVA
Frequency	2.4 GHz
Power Supply	DC 12-24 V
Dimming Output	0-10 V, Max. 20mA
Detection Angle	360°
Detection Diameter	Low-bay: Max. 12m, High-bay: Max. 18m
Mounting Height	Low-bay: 3-12m, High-bay: 10-18m

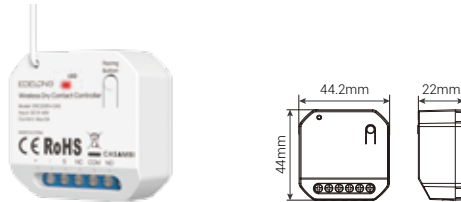


SILVAIR Controller

>> Compact Dry Contact Controller

- > Compatible with the silvair programme
- > Extremely small size, can be stored in the switch bottom box
- > 1-channel DC SPDT control

Model	ERC2209-SVA
Frequency	2.4 GHz
Power Supply	DC 8-48V
Relay	5A
Output Channel	1





MESHLE Series

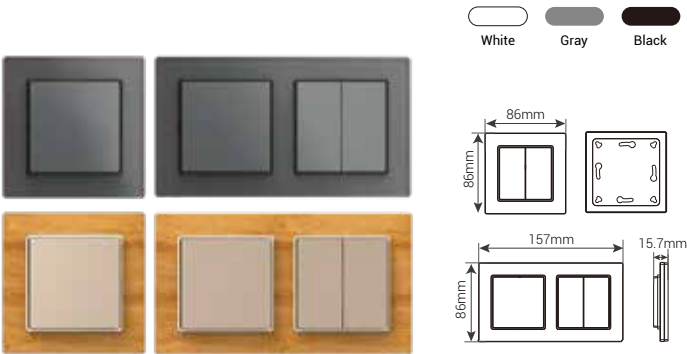


MESHLE Series

MESHLE Kinetic Switch

>> Europe Design Wireless kinetic Switch

- > Wood, Glass, Acrylic type
 - > No wires, no batteries, no limits
- | | |
|-----------------|--|
| Model | E4-BT01 |
| Frequency | 2.4 GHz |
| Switch Type | Push Button |
| Power Supply | Self-Powered |
| Buttons Options | 2, 4 |
| Colors | White, Black, Grey
(Available in Custom Colors) |



>> Wireless Kinetic Switch

- > Transmitter Meshle signals
 - > Rebound type, dimmable kinetic switch
 - > No wires, no batteries, no limits
- | | |
|-----------------|--|
| Model | S3-BT01 |
| Frequency | 2.4 GHz |
| Power Supply | Self-Powered |
| Switch Type | Push-Button |
| Buttons Options | 2, 4 |
| Colors | White, Black, Grey
(Available in Custom Colors) |



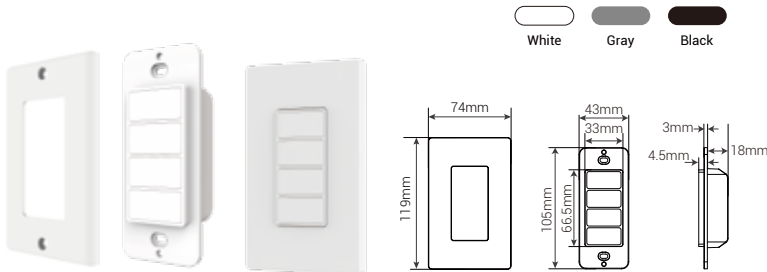
>> Micro Wireless Kinetic Pocket Switch

- > Transmitter Meshle signals
 - > Pocket-sized switch, smaller, easy portability
 - > Magnetic base design. Can be easily removed after installation
- | | |
|-----------------|--------------|
| Model | P1-BT01 |
| Frequency | 2.4 GHz |
| Power Supply | Self-Powered |
| Switch Type | Push-Button |
| Buttons Options | 4 |
| Colors | White, Black |



>> Multi-button US Standard Wireless Kinetic Switch

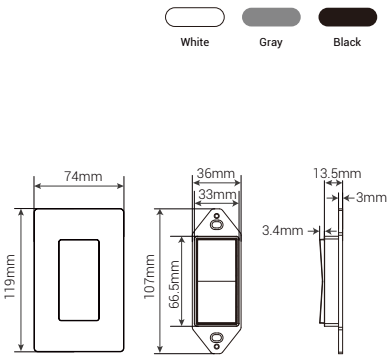
- > Transmitter Meshle signals
 - > US standard
 - > No wires, no batteries, no limits
- | | |
|-----------------|--|
| Model | U4-BT01 |
| Frequency | 2.4 GHz |
| Power Supply | Self-Powered |
| Switch Type | Push-Button |
| Buttons Options | 4 |
| Colors | White, Black, Grey
(Available in Custom Colors) |



MESHLE Kinetic Switch

>> US Standard Wireless Kinetic Switch

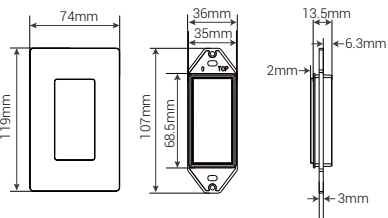
- > US standard size
 - > The button is fixed on the switch and cannot be removed
 - > Composed of two parts: kinetic button and face cover
- | | |
|-----------------------|---|
| Model | U1-BT01 |
| Frequency | 2.4 GHz |
| Power Supply | Self-Powered |
| Switch Type | Push-Button |
| Buttons Options | 2 |
| Operating Temperature | -20~55°C |
| Mechanical Life | >100,000 times |
| Colors | White, Black, Grey (Available in Custom Colors) |



Surface mounted type

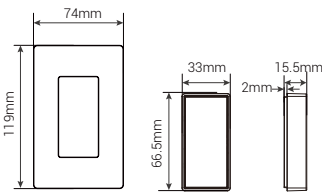
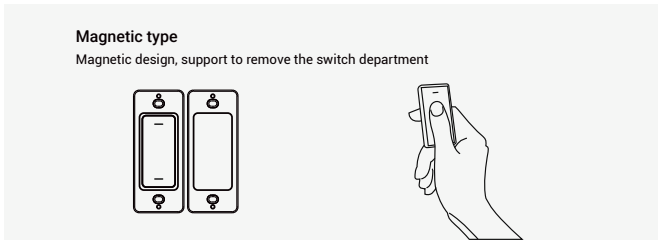


Embedded bottom box type



>> US Standard Magnetic Wireless Kinetic Switch

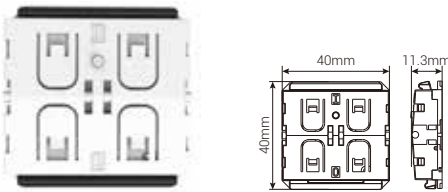
- > US standard size
 - > The button can be removed and put back at will
 - > Composed of three parts: magnetic button, button base and face cover
- | | |
|-----------------------|---|
| Model | U2-BT01 |
| Frequency | 2.4 GHz |
| Power Supply | Self-Powered |
| Switch Type | Push-Button |
| Buttons Options | 2 |
| Operating Temperature | -20~55°C |
| Mechanical Life | >100,000 times |
| Colors | White, Black, Grey (Available in Custom Colors) |



MESHLE Kinetic Transmitter Module

>> Wireless Kinetic Transmitter Module

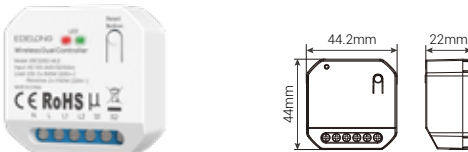
- > Silvair program is optional
 - > Self-Powered, no wiring required, no batteries to replace
 - > Can be used with a variety of switch appearances
- | | |
|-----------------------|----------------|
| Model | EMT08 |
| Frequency | 2.4 GHz |
| Power Supply | Self-Powered |
| Switch Type | Push-Button |
| Mechanical Life | >100,000 times |
| Operating Temperature | -20~55°C |



MESHLE Controller

>> 2-Channel Compact Controller

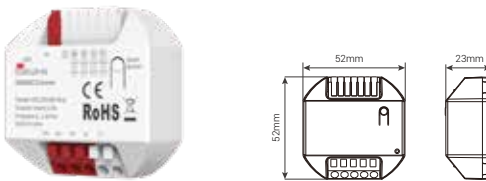
- > Compatible with the silvair programme
 - > Extremely small size, can be stored in the switch bottom box
 - > 2-channel AC ON/OFF control
- | | |
|---------------------|-----------------------------|
| Model | ERC2202-MLE |
| Frequency | 2.4 GHz |
| Power Supply | AC 100-240 V |
| Switching Component | Relay |
| Output Channel | 2 |
| Wired Switch | Push Button / Rocker Switch |



MESHLE RGBWC Dimmer

>> Compact RGBWC Dimmer

- > Compatible with the silvair programme
 - > Extremely small size, can be stored in the switch bottom box
 - > 5 channel DC RGBWC control
- | | |
|---------------------|--------------|
| Model | ERC23A06-MLE |
| Frequency | 2.4 GHz |
| Power Supply | DC 12-48V |
| Switching Component | Mos |
| Output Channel | 5 |

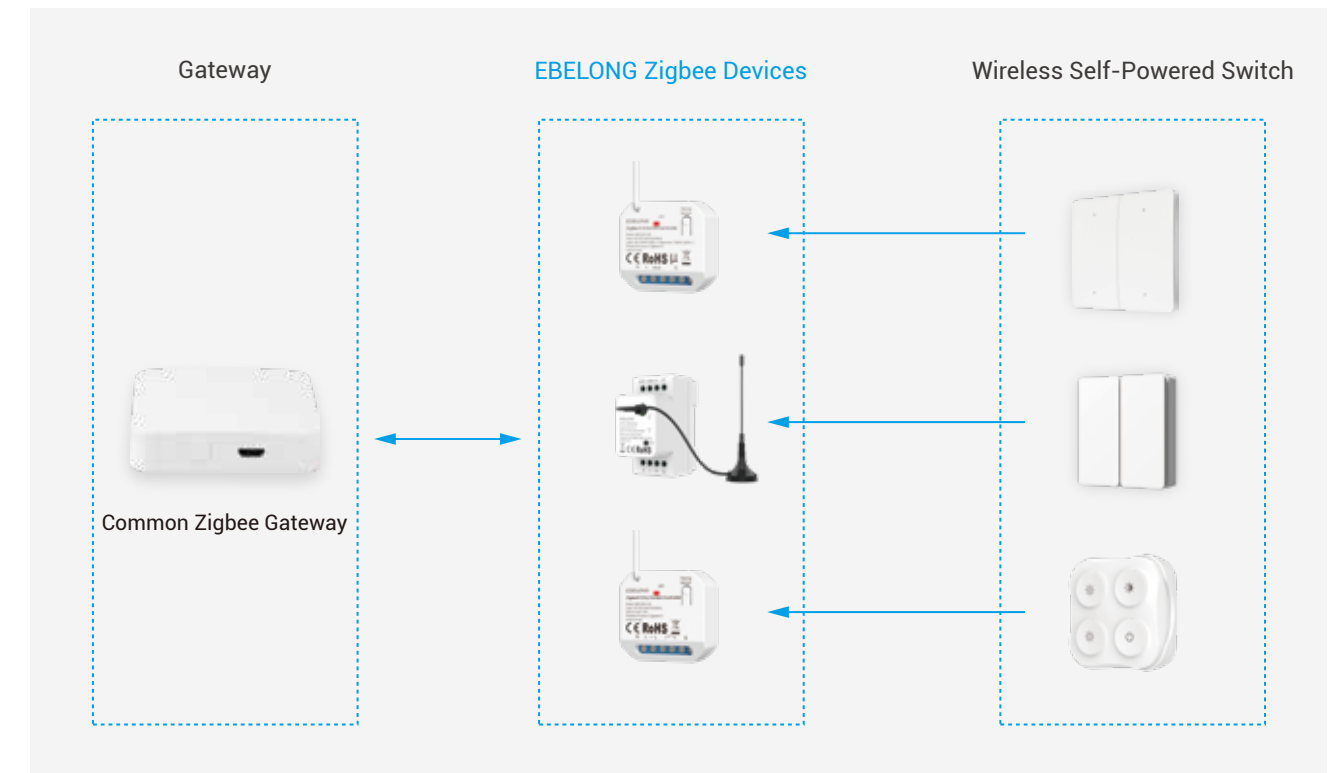


Zigbee Green Power & Zigbee 3.0 Series

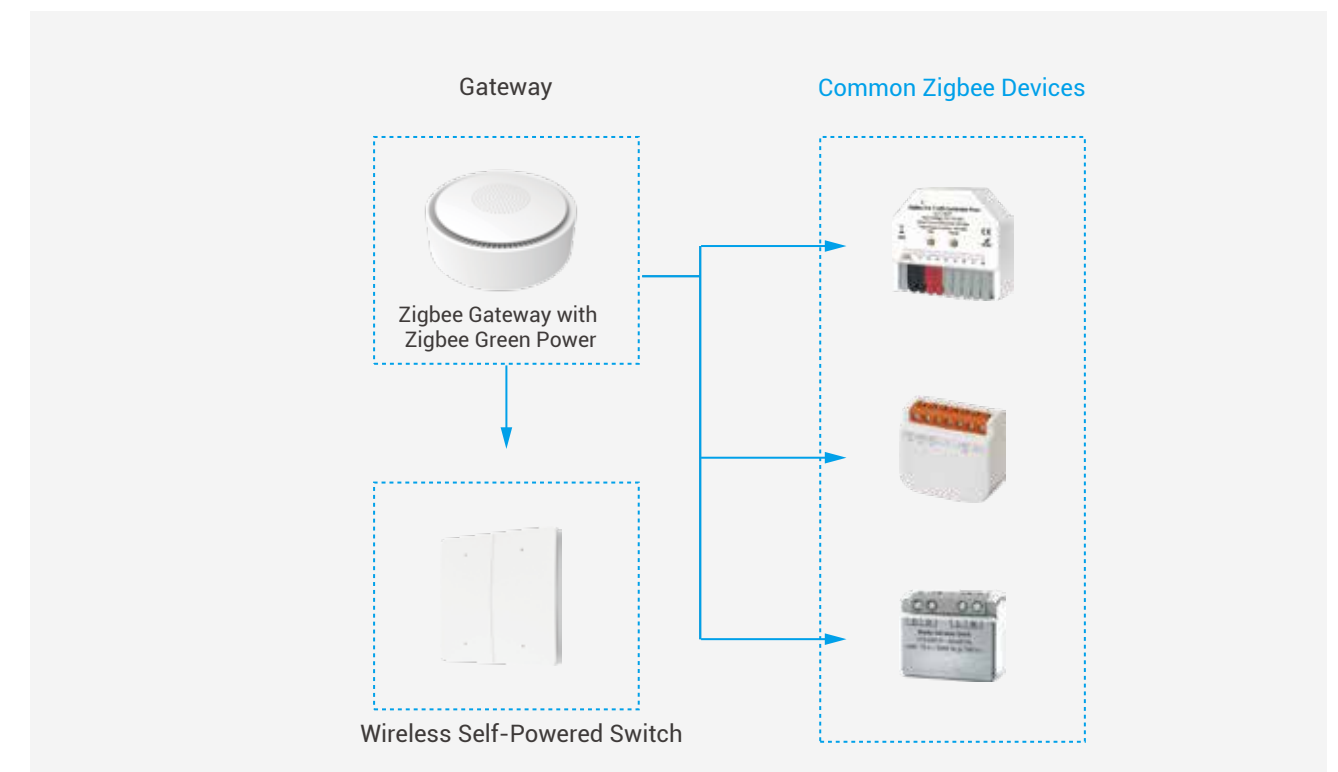
Zigbee 3.0 Solution

Zigbee Green Power & Zigbee 3.0 Product Overview

Controlled via one-to-one pairing



Controlled via scene triggers



Zigbee Green Power Kinetic Switch

>> Zigbee Green Power Kinetic Switch

- > Energy Harvesting – Self-Powered

> Wood, Glass, Acrylic type

> Ultra-Low Power and Efficient Communication
- > Full Compatibility with Zigbee 3.0 Network

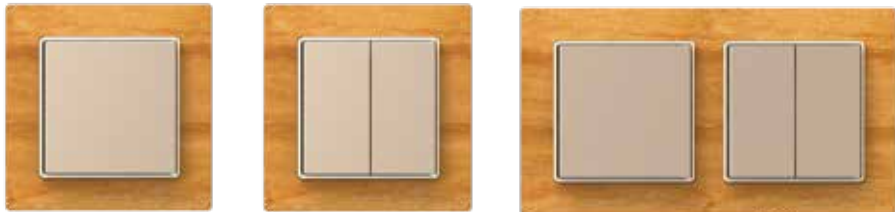
> Direct Pairing with Controller – No Gateway Required

> Available in 2 or 4-Button Layouts for Flexible Control.

Model	E4-ZGP01
Protocol	Zigbee Green Power
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	2, 4
Operating Distance	50m Outdoor, 25m Indoor
Colors	White, Black, Grey (Available in Custom Colors)



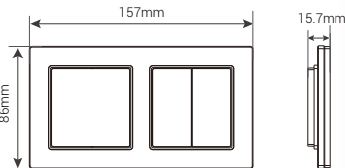
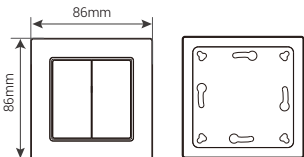
Glass



Wood



Acrylic



Zigbee Green Power Kinetic Switch

>> Zigbee Green Power Kinetic Switch

- > Standard 86-Type Form Factor, Available in 2 or 4-Button Layouts for Flexible Control

> Energy Harvesting – Self-Powered

> Direct Pairing with Controller – No Gateway Required

> Full Compatibility with Zigbee 3.0 Network

> Ultra-Low Power and Efficient Communication

Model	S3-ZGP01
Protocol	Zigbee Green Power
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	2, 4
Operating Temperature	-20°C~+55°C
Colors	White, Black, Grey (Available in Custom Colors)



>> Slim Zigbee Green Power Kinetic Switch

- > Wireless Installation, Flexible Placement, One-touch Control, Multiple Applications

> Slim and Elegant Design, Dual-switch Magnetic Base, Long Lifespan, High Reliability

> Direct Pairing with Controller – No Gateway Required

> Full Compatibility with Zigbee 3.0 Network

> Ultra-Low Power and Efficient Communication

Model	N1-ZGP01
Protocol	Zigbee Green Power
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	2, 4
IP	IP67
Operating Temperature	-20°C~+55°C



>> Circular Zigbee Green Power Push Button

- > A Circular Push Button That Supports Tapping

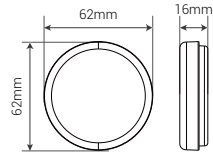
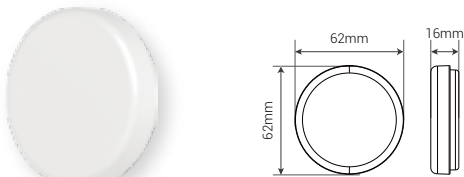
> Energy Harvesting – Self-Powered.

> Full Compatibility with Zigbee 3.0 Network

> Ultra-Low Power and Efficient Communication

> Direct Pairing with Controller – No Gateway Required

Model	Q7-ZGP01
Protocol	Zigbee Green Power
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	1
Operating Temperature	-20°C~+55°C
Mechanical Life	>100,000 times



Zigbee Green Power Kinetic Switch

>> Zigbee Green Power Kinetic Switch

- > Pocket-Sized Switch, Smaller, Easy Portability
- > Magnetic Base design. Can be easily removed after installation
- > Energy Harvesting – Self-Powered.
- > Direct Pairing with Controller – No Gateway Required

Model	P1-ZGP01
Protocol	Zigbee Green Power
Switch Type	Push Button
Power Supply	Self-Powered
Buttons Options	4
Operating Temperature	-20°C~+55°C
Mechanical Life	>100,000 times

- > Full Compatibility with Zigbee 3.0 Network
- > Ultra-Low Power and Efficient Communication

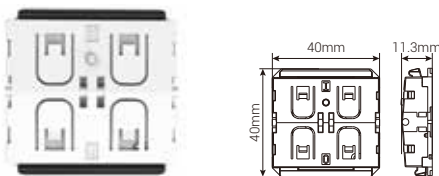


>> Zigbee Green Power Kinetic Switch Module

- > Modular Design – Fully Customizable Appearance
- > Direct Pairing with Controller – No Gateway Required
- > Full Compatibility with Zigbee 3.0 Network

Model	EMT08-ZGP01
Protocol	Zigbee Green Power
Power Supply	Self-Powered
Switch Type	Push-Button
Operating Range	20°C~+55°C
Operating Temperature	>100,000 times

- > Ultra-Low Power and Efficient Communication
- > Energy Harvesting – Self-Powered

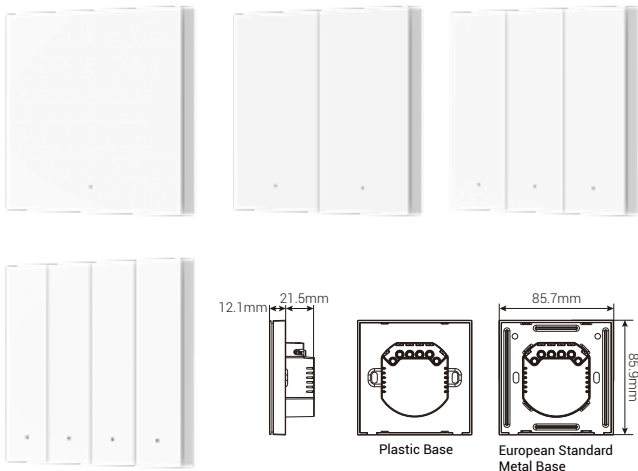


Zigbee 3.0 Wall Switch

>> Zigbee 3.0 Wall Switch

- > Standard 86-Type Form Factor
- > Unified Zigbee 3.0 Standard – High Compatibility
- > Supports Direct Control from Zigbee Green Power Kinetic Switch
- > OTA Firmware Upgrade

Model	GW1-ZGP01
Protocol	Zigbee 3.0
Power Supply	AC 100-240 V
Relay	10A
Resistive Load each Channel	3~600W
LED Load Per Channel	3~300W
Buttons Options	1, 2, 3, 4
Channels	1, 2, 3, 4



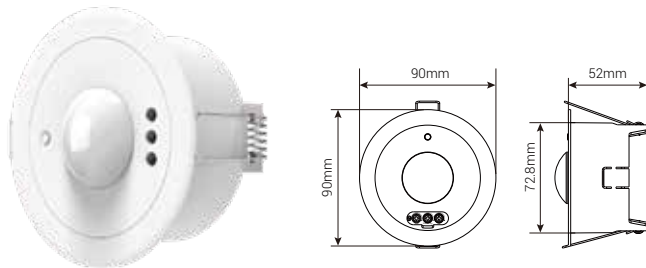
Zigbee Green Power Battery-powered PIR Sensor

>> Zigbee Green Power Battery-powered PIR Sensor

- > PIR infrared sensing
- > Should paired with EBELONG Zigbee 3.0 controller
- > Recessed type
- > Battery life 10 years

Model	H2-ZGP01
Frequency	Zigbee 2.4 GHz
Protocol	Zigbee Green Power
Power Supply	Button Cell (CR123A)
Sensitivity Range	0-8m adjustable
Installation Method	Recessed

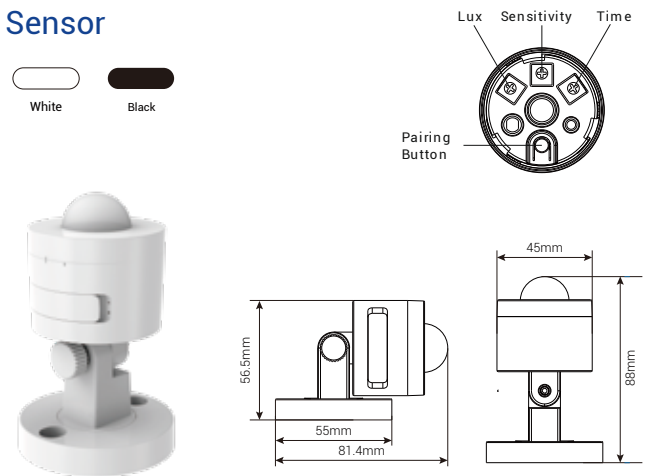
- > Supports Zigbee Green Power for long battery life
- > Operates on 2.4 GHz, compatible with Zigbee 3.0
- > Ideal for low-power smart home automation



>> Zigbee Green Power Battery-powered PIR Sensor

- > PIR infrared sensing
- > Should paired with EBELONG Zigbee 3.0 controller
- > Support LUX/SENS/TIME setting
- > Supports Zigbee Green Power for long battery life, battery life 5 years
- > Operates on 2.4 GHz, compatible with Zigbee 3.0
- > Ideal for low-power smart home automation

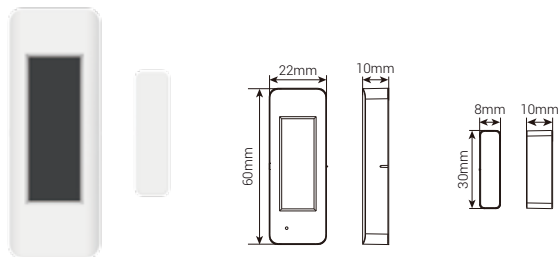
Model	H4-ZGP01
Frequency	Zigbee 2.4 GHz
Protocol	Zigbee Green Power
Power Supply	Button Cell (CR2450)
Sensitivity Range	0-8m adjustable
Installation Method	External



>> Zigbee Green Power Door / Window Solar Sensor

- > Permanent Solar Power, solar-powered , Magnetic Reed Switch Design
- > Fade-Resistant housing and IP65 Rating, Designed for Outdoor Installation
- > Direct Pairing with Controller – No Gateway Required
- > Full Compatibility with Zigbee 3.0 Network
- > Ultra-Low Power and Efficient Communication

Model	D9-ZGP01
Protocol	Zigbee Green Power
Power Supply	Solar-powered
Switch Type	Push-Button
IP	IP65
Operating Temperature	20°C~+55°C
Mechanical Life	>100,000 times



Zigbee 3.0 Solution

Zigbee 3.0 On/Off Controller

>> Zigbee 3.0 On/Off Controller

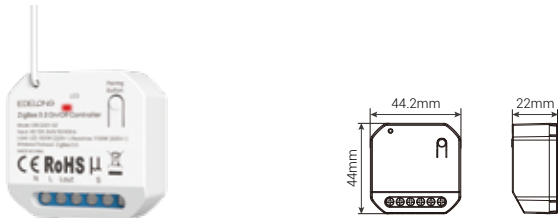
- > Extremely small size, can be stored in the switch bottom box

> Unified Zigbee 3.0 Standard – High Compatibility

> Supports Load Up to Max 5A Current
- > Supports Direct Control from Zigbee Green Power Kinetic Switch

> OTA Firmware Upgrade

Model	ERC2201-SZ
Protocol	Zigbee 3.0
Power Supply	AC 100-240 V
Relay	8A
Zero Crossing Protection	yes
Resistive Load Per Channel	5A/220V AC
Max LED Load Per Channel	500W ~220V
Wired Switch	Support push rocker button



>> Zigbee 3.0 On/Off Controller

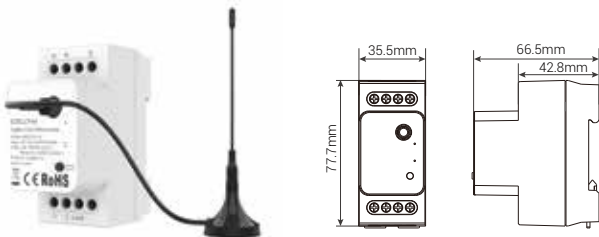
- > Extremely small size, can be stored in the switch bottom box

> Unified Zigbee 3.0 Standard – High Compatibility

> Supports Load Up to Max 5A Current
- > Supports Direct Control from Zigbee Green Power Kinetic Switch

> OTA Firmware Upgrade

Model	ERC2101-SZ
Protocol	Zigbee 3.0
Power Supply	AC 100-240 V
Relay	16A
Zero Crossing Protection	yes
Resistive Load Per Channel	10A/220 V AC
Max LED Load Per Channel	1000W ~220V
Wired Switch	Support push rocker button



>> Zigbee 3.0 Phase-Cut Dimmer

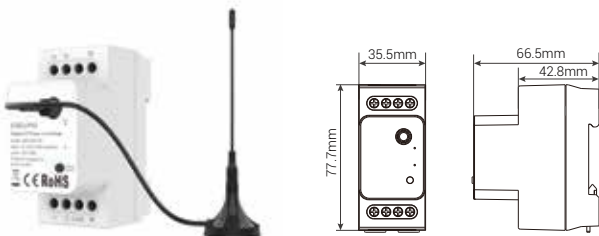
- > Extremely Small Size, Can be Store in The Switch Bottom Box

> 1-channel 150W, Support Leading / Trailing Edge Dimming

> Unified Zigbee 3.0 Standard – High Compatibility
- > Supports Direct Control from Zigbee Green Power Kinetic Switch

> OTA Firmware Upgrade

Model	ERC2103-SZ
Protocol	Zigbee 3.0
Power Supply	AC 200-240 V
LED Load	150W
Phase Cutting Method	Leading / Trailing Edge Dimming
Component Type	MOS
Wired Switch	Support push rocker button



Zigbee 3.0 Solution

Zigbee 3.0 Dry Contact Controller

>> Zigbee 3.0 Dry Contact Smart Controller

- > Extremely Small Size Dry Contact Controller

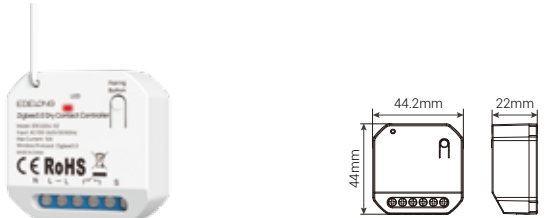
> Extremely Small Size, Can be Store in The Switch Bottom Box

> ON/OFF 1-channel Control
- > Unified Zigbee 3.0 Standard – High Compatibility

> Supports Direct Control from Zigbee Green Power Kinetic Switch

> OTA Firmware Upgrade

Model	ERC2204-SZ
Protocol	Zigbee 3.0
Power Supply	AC 100-240 V
Relay	16A
Zero Crossing Protection	yes
Resistive Load Per Channel	10A/220V AC
Max LED Load Per Channel	1100W ~220V
Wired Switch	Support push rocker button



Zigbee 3.0 Phase-Cut Dimmer

>> Zigbee 3.0 Phase-Cut Dimmer

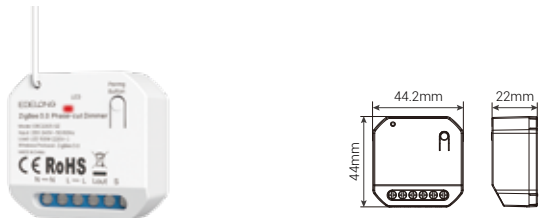
- > Extremely Small Size, Can be Store in The Switch Bottom Box

> 1-channel 150W, Support Leading / Trailing Edge Dimming

> Unified Zigbee 3.0 Standard – High Compatibility
- > Supports Direct Control from Zigbee Green Power Kinetic Switch

> OTA Firmware Upgrade

Model	ERC2203-SZ
Protocol	Zigbee 3.0
Power Supply	AC 200-240V
Phase Cutting Method	Leading / Trailing Edge Dimming
Component Type	MOS
Wired Switch	Support push rocker button



Zigbee to MQTT Gateway

>> Zigbee to MQTT Gateway

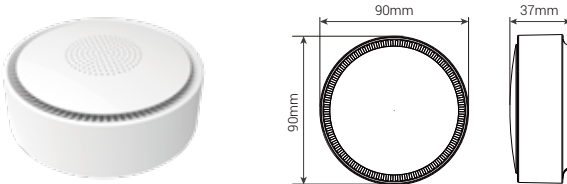
- > Connect MQTT System by Zigbee

> Full Compatibility with Zigbee 3.0 Network

> Can be Added Zigbee Green Power Switch and Standard Zigbee 3.0 Controllers

> Power Made Simple: Universal Type-C for Ultimate Flexibility

Model	ECH-106
Protocol	Zigbee 3.0
Power Supply	DC 5V
Control Distance	20m indoor
Volume	85dbm (at 1m)
Installation Method	External
Uplink Communication	Zigbee
Downlink Communication	MQTT



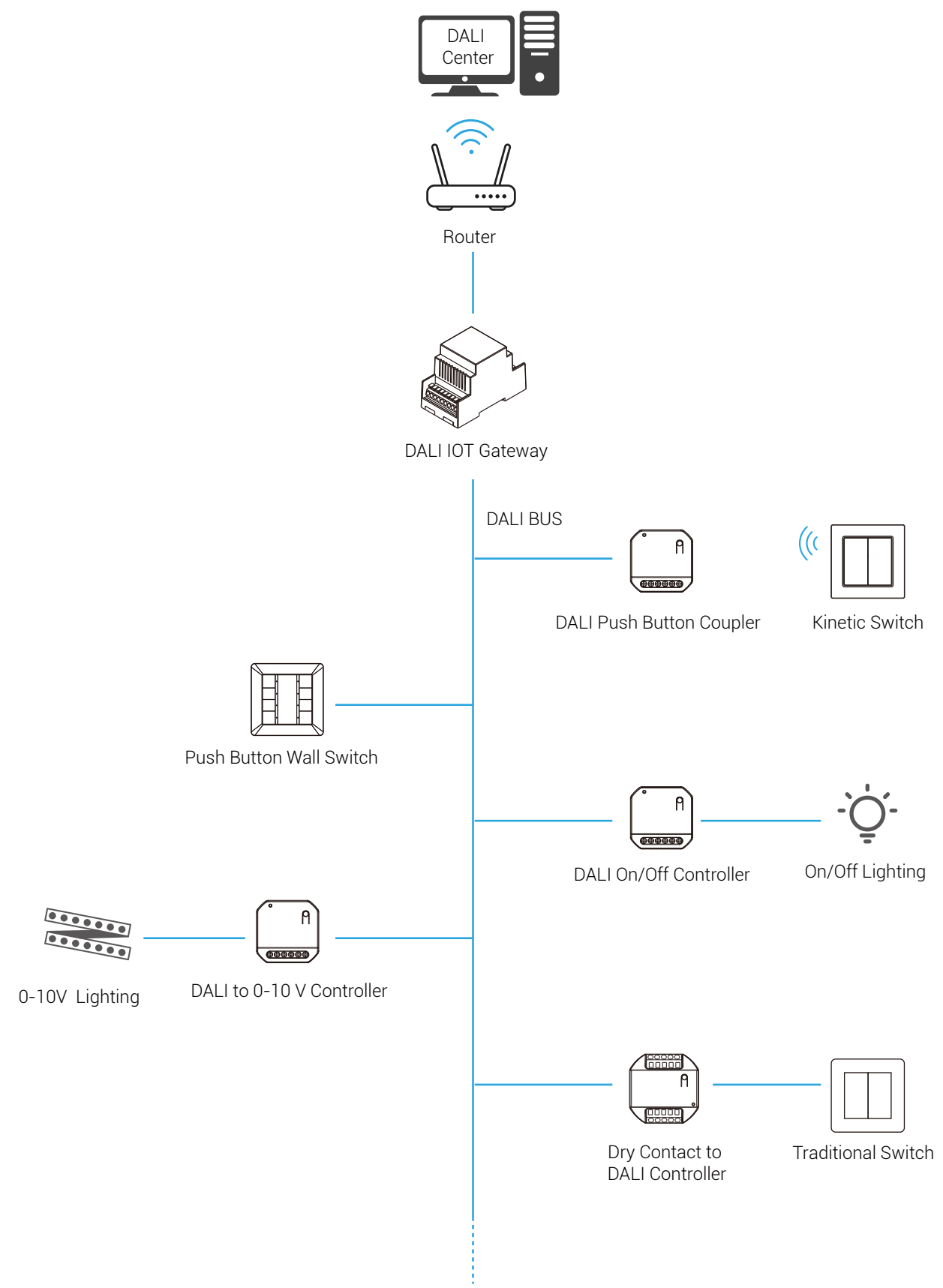


DALI Series

NEW

DALI Series

DALI Product Overview



DALI Series

DALI-2 Wall Switch

>> DALI-2 Push Button Wall Switch

- > Easy Installation
- > DALI-2 86-type wall panel
- > 2/4/6/8 button options



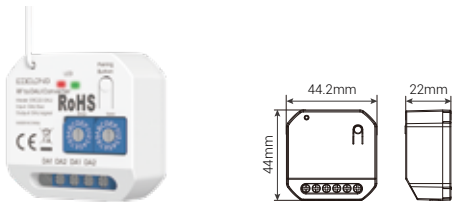
Model	GD Series
Power supply	From DALI bus
Input channels	2/4/6/8
Output type	DALI-2
Max.Current Consumption	10mA
Input Voltage Range	12VDC-22.5VDC



>> RF to DALI Protocol Converter

- > Convert the RF signals to the DALI signals
- > Powered by DALI bus

Model	ERC22-DALI
Power supply	From DALI Bus
Frequency	RF 433 MHz
Output Type	DALI signal
Current	<5mA
DALI Consumption	10mA
Wiring Type	Terminals

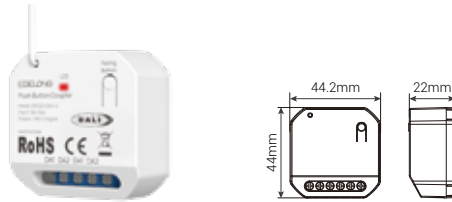


DALI-2 Coupler

>> DALI-2 Push Button Coupler

- > Extremely small size, can be stored in the switch bottom box
- > Converts RF signals to DALI-2.
- > Supports pairing with wireless kinetic switches.

Model	ERC22-DALI-2
Power supply	From DALI bus
Output type	DALI-2
Device type	Push button coupler
DALI Protocol	IEC 62386-101/103/301
Input Channles	8



Coupler-Compatible Product List

Wireless Kinetic Switch

Picture Model	Frequency	Power Supply	Working Type	Buttons Options	Mechanical Life
 E4	RF 433 MHz	Self-Powered	Push-Button	2,4	>100,000 times
 M1	RF 433 MHz	Self-Powered	Push-Button	6	>100,000 times

Signal Transmitter

Picture Model	Output Signal	Power Supply	Channel	Input Signal	Installation Method	Wired Switch
 ERC2208	RF 433 MHz	AC 100-240 V 50/60Hz	2	Instantaneous strong electrica	Mounted-in	Support rocker switch



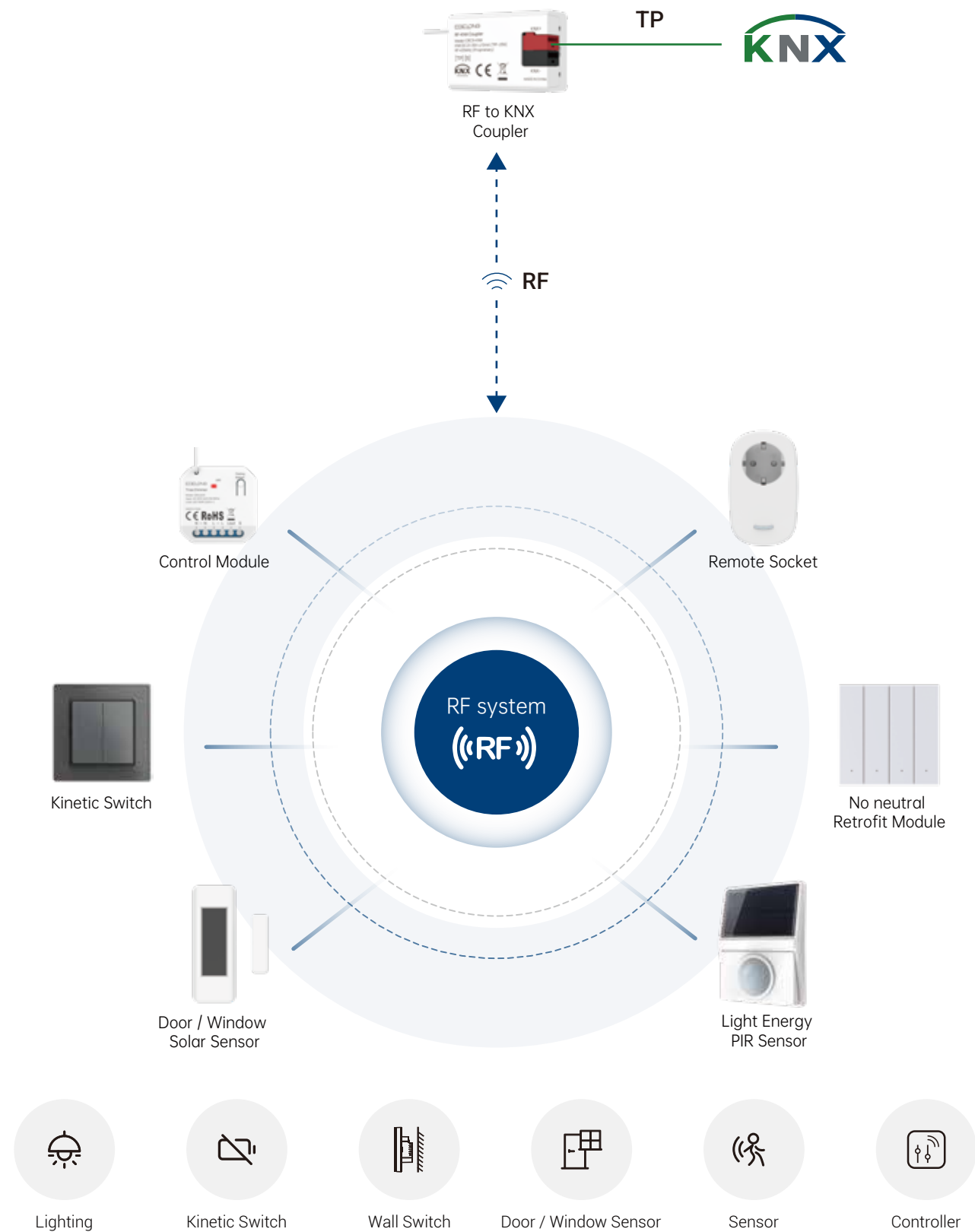
KNX Series



KNX Series

RF system Work with KNX

Bring powerful wireless capabilities to KNX renovation and retrofit projects.



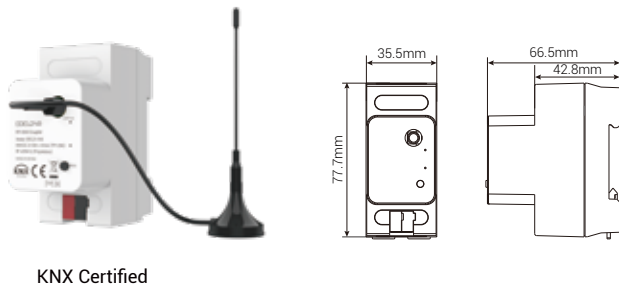
KNX Series

RF to KNX Gateway

>> DIN-Rail KNX Wireless Gateway

- > DIN-Rail KNX Wireless Coupler
- > Connecting RF signals to KNX systems

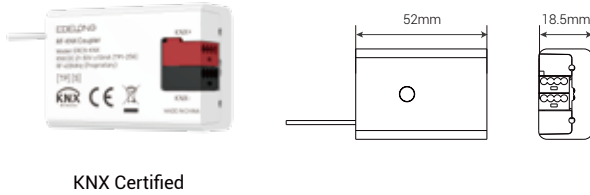
Model	ERC21-KNX
Power supply	DC 21-30 V
Max Current	10mA
KNX Interface	TP (Twisted Pair)
RF Distance	80m outdoor 25m indoor
Storage Capacity	20 Wireless Kinetic Switches 20 Wireless Controller Channels



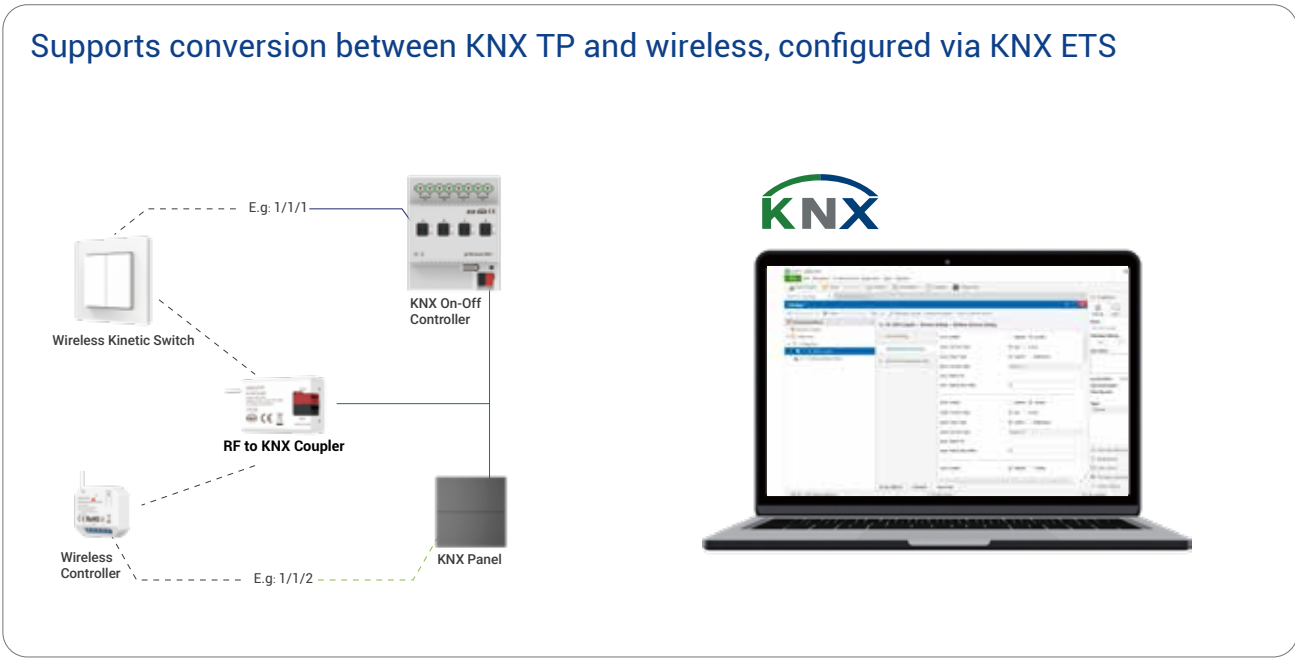
>> KNX Wireless Gateway

- > Mounted-in KNX Wireless Coupler
- > Connecting RF signals to KNX systems

Model	ERC9-KNX
Power supply	DC 21-30 V
Max Current	10mA
KNX Interface	TP (Twisted Pair)
RF Distance	80m outdoor 25m indoor
Storage Capacity	20 Wireless Kinetic Switches 20 Wireless Controller Channels



Supports conversion between KNX TP and wireless, configured via KNX ETS



Gateway-Compatible Product List

Wireless Kinetic Energy Switch

Picture Model	Frequency	Power Supply	Working Type	Buttons Options	Material
 N1	RF 433 MHz	Self-Powered	Push-Button	2,4	Glass,Metal
 A2	RF 433 MHz	Self-Powered	Push-Button	1,2,3	White, Black, Grey
 E4	RF 433 MHz	Self-Powered	Push-Button	2,4	Glass,Crystal, Wood

Sensor

Picture Model	Frequency	Power Supply	Relay	Sensitivity Range	Installation Method
 H3	RF 433 MHz	AC 100-240 V 50/60Hz	16A	Radial 4m	Recessed
 H2	RF 433 MHz	Button Cell (CR123A) AC 100-240 V	/	0-8m adjustable	Recessed
 H4	RF 433 MHz	Button Cell (CR2450)	/	0-8m adjustable	External

Door/Window Magnetic Sensor

Picture Model	Frequency	Power Supply	Working Type	Waterproof Level	Material
 D2	RF 433 MHz	Self-Powered	Push-Button	/	White, Black
 D9	RF 433 MHz	Solar-powered	Push-Button	IP65	White

Gateway-Compatible Product List

Wall Switch

Picture Model	Frequency	Power Supply	Rated Current	Buttons Options	Material
 GP	RF 433 MHz	AC 100-240 V	3A / per channel	1,2,3,4,6	Glass,Plastic
 GW1	RF 433 MHz	AC 100-240 V	3A / per channel	1,2,3	White, Black, Grey

Controller

Picture Model	Frequency	Power Supply	Relay	Wired Switch	Installation Method
 ERC2201	RF 433 MHz	AC 100-240 V	8A	Support push rocker button	Mounted-in
 ERC2202	RF 433 MHz	AC 100-240 V	8A*2	Support push rocker button	Mounted-in

Picture Model	Frequency	Power Supply	Dimming Method	Component Type	Wired Switch
 ERC2203	RF 433 MHz	AC 200-240 V	Support leading trailing edge dimming	MOS	Support push rocker button
 ERC2303	RF 433 MHz	DC 12-48V	PWM	MOS	Support push rocker button

Gateway-Compatible Product List

Signal Transmitter

Picture Model	Frequency	Power Supply	Input Signal	Installation Method	Wire Switch
 RP01	RF 433 MHz	Battery(CR2032)	Dry contact signal	Mounted-in	Support push rocker button
 ERC2208	RF 433 MHz	AC 100-240 V 50/60Hz	Instantaneous strong electrica	Mounted-in	Support rocker switch

Signal Repeater

Picture Model	Frequency	Power Supply	Receiving Sensitivity	Communication Distance	Installation Method
 ERC905	RF 433 MHz	AC100V-240V	-110dBm	100m	Mounted-in

Remote Socket

Picture Model	Frequency	Power Supply	Relay	Operating Curre	Installation Method
 SOKE01-EU	RF 433 MHz	AC 100-240 V	16A	Max. 16A	Plug in
 SOKE01-FR	RF 433 MHz	AC 100-240 V	16A	Max. 16A	Plug in

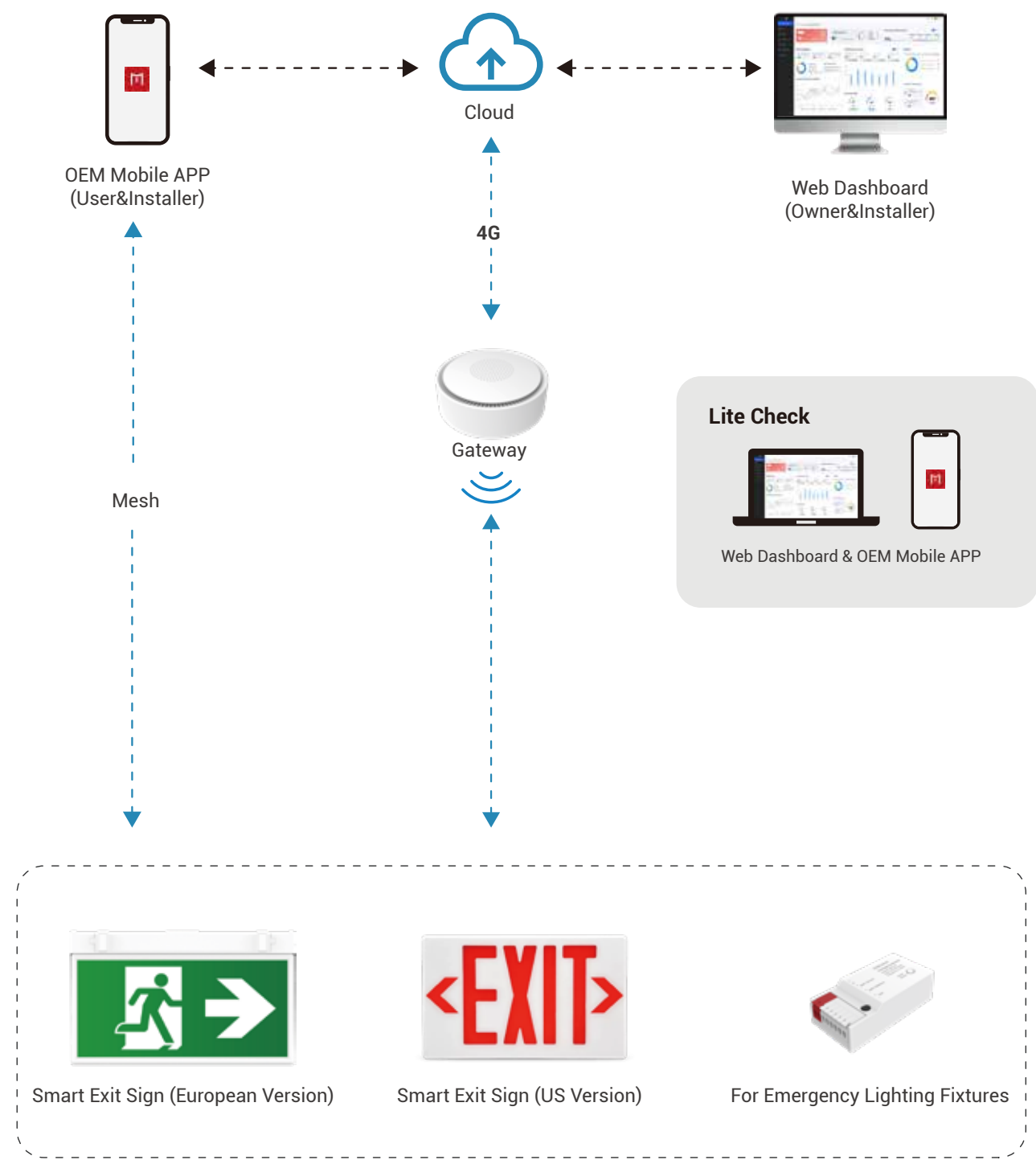


Emergency Lighting Auto-Test System

Lite Check Emergency Lighting Auto-Test Series

Lite Check Working Principle

Remote Monitoring via 4G Mesh Gateway, Cloud-Based Testing & Reporting

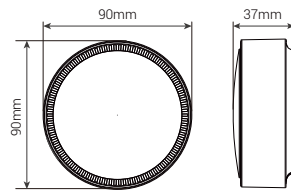


MQTT Gateway

>> Emergency Gateway

- > Connects emergency monitors to a cloud-based management platform
- > Automatic testing
- > Data upload
- > Report generation
- > Improving overall maintenance efficiency

Model	ECH108
Power Supply	DC 5V
Controller Distance	50m outdoor, 20m indoor
Uplink Communication	4G
Downlink Communication	Mesh

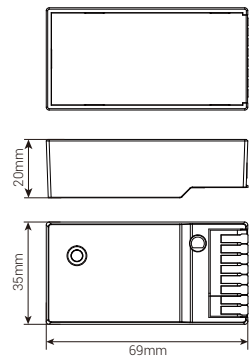


Emergency Monitor

>> Automatic Self-Test Emergency Monitor

- > Mesh Networking
 - > Real-Time Status Monitoring
 - > Automated Compliance Testing
- > Centralized Fault Alerts
 - > Flexible Installation – External or Embedded Use
 - > Digital Record Management

Model	EM01-BT
Power supply	AC 100 – 240 V
Rated Current	2.3mA
Frequency	2.4 GHz
Monitoring Functions	Battery voltage /current / AC mains status
Voltage / Current Accuracy	±1 % (V / I)
Operating Temperature	–20 °C ~ +55 °C

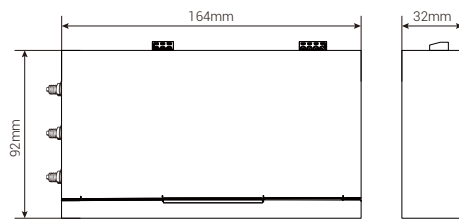


LoRa Gateway

>> LoRa Gateway

- > Reliable embedded hardware platform for stable operation
 - > Replaceable MiniPCIe 4G module for global frequency bands
 - > Wide DC 9–28V input for flexible power supply
- > EFT/burst immunity: power ±2 kV, communication ±4 kV
 - > 10%–95% humidity range for demanding environments
 - > Built-in web interface for easy viewing and configuration

Model	ECH201
Operating Voltage	DC 9-28
Network Access	4G MiniPCIe、Ethernet、WIFI(2.4G)
LoRa Frequency Band	433 / 470 / 868 / 915 / 923, Selectable By Region
Expansion Interface	Fully isolated RS485
NS Integration	UDP Packet Forward / Chirpstack MQTT Forwarder
Configuration	WEB
Upgrade	Web Upgrade
Automatic Multi NIC Switching	Automatic switching among 4G, Ethernet, and Wi-Fi

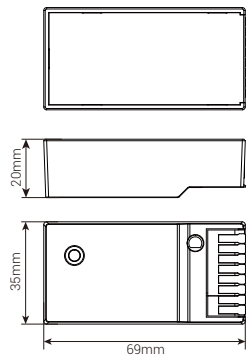


Emergency Monitor

>> LoRa Automatic Self-Test Emergency Monitor

- > Long-Range LoRa Communication
 - > Real-Time Status Monitoring
 - > Automated Compliance Testing
- > Centralized Fault Alerts
 - > Flexible Installation – External or Embedded Use
 - > Digital Record Management

Model	EM01-LR
Power supply	AC 100 – 240 V
Built-in Battery	Li-ion 3.7V 300 mAh
Rated Current	2.3mA
Frequency	868 / 915 MHz
Monitoring Functions	Battery voltage /current / AC mains status
Voltage / Current Accuracy	±1 % (V / I)
Operating Temperature	–20 °C ~ +55 °C



Security

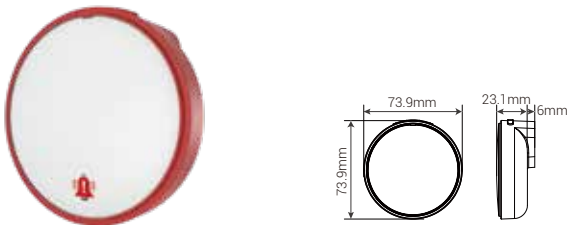


Security

>> Emergency Call Bell Receiver

- > Equipped with a Mounted-in battery, it can still function after a power outage
- > Plug-in design, no wiring needed
- > Red design and indicator light, more eye-catching

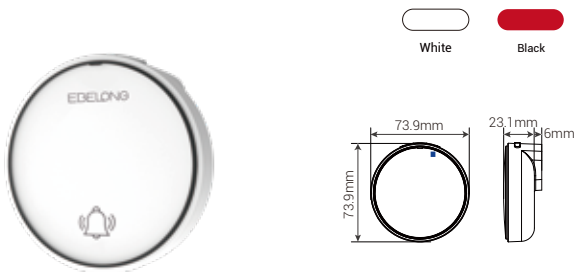
Model	QME-E
Frequency	RF 433 MHz
Power supply	AC 100-240 V built-in battery
Work Type	Plug in
Operating Range	80m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C



>> Smart Security Host

- > Connect devices to the internet.
- > Send a message to your phone when an alarm is triggered.
- > Also acts as an alarm.

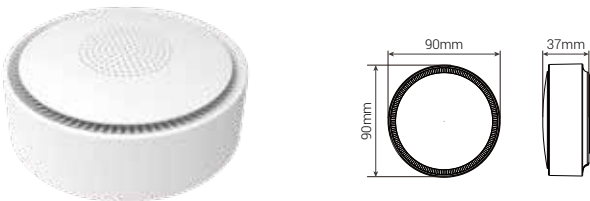
Model	QME-S
Frequency	RF 433 MHz & Wi-Fi
Power supply	AC 100-240 V
Work Type	Plug in
Operating Range	80m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C



>> Smart Security Host

- >Type-C interface with 5V input, offering more convenient connectivity
- >Device networking enables the monitoring of security status anytime and anywhere.
- >When the alarm is triggered, the alarm information will be sent to the mobile phone.

Model	ECH107
Frequency	RF 433 MHz & Wi-Fi
Power Supply	DC 5V
Work Type	Type-C
Operating Range	80m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C

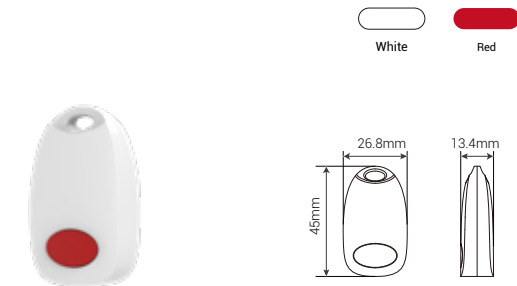


Security

>> Micro Wireless Kinetic Key Fob Switch

- > Key switch, which can be attached to your key
- > Extremely small, hold it in your hands

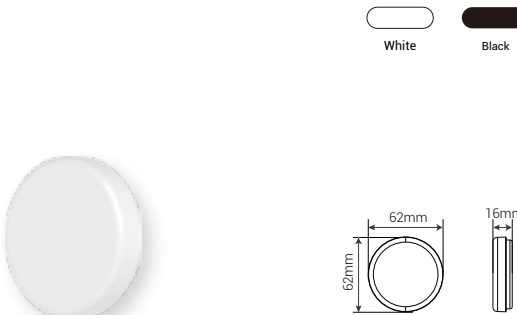
Model	K1
Frequency	RF 433 MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times



>> Wireless Kinetic Button

- > A circular Push Button that supports tapping
- > Suitable as a bedside table button or a small scene button
- > Customize button functions and laser engraving

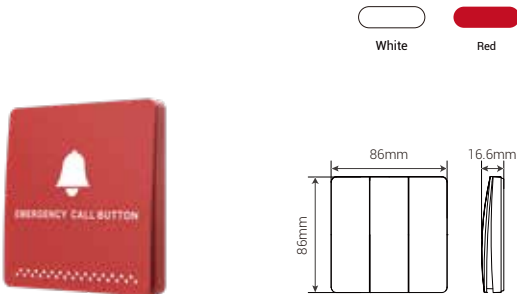
Model	Q7
Frequency	RF 433 MHz, RF 477MHz
Power Supply	Self-Powered
Switch Type	Push-Button
Buttons Options	1
Operating Temperature	-20~55°C
Mechanical Life	>100,000 times
Colors	White, Black (Available in Custom Colors)



>> IP67 Wireless Kinetic Switch

- > An emergency call button or a system switch
- > Do not need a battery, IP67-rated

Model	S2
Frequency	RF 433 MHz
Power supply	Self-Powered
Work Type	Push-Button
Buttons Options	1, 2, 3
Operating Range	80m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C
IP Rated	IP67

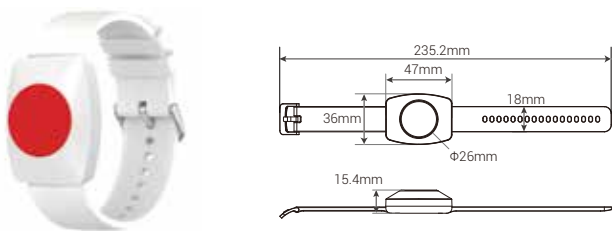


Security

>> IP65 Wireless Kinetic Wearables

- > Act as an emergency call button
- > Do not need a battery, more stable & safe
- > IP65 waterproof, suitable for elders and children
- > Can be worn as a watch

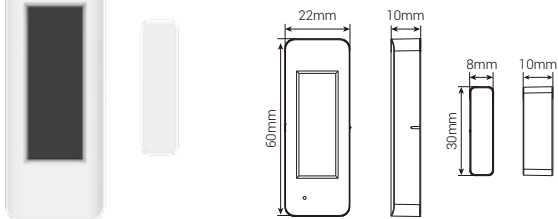
Model	W1
Frequency	RF 433 MHz
Power supply	Self-Powered
Work Type	Plug in
Buttons Options	1
Operating Range	80m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C
IP Rated	IP65



Door/Window Solar Sensor

- > Permanent Solar Power, solar-powered , Magnetic Reed Switch Design
- > Fade-Resistant housing and IP67 Rating
- > Direct Pairing with Controller – No Gateway Required
- > Ultra-Low Power and Efficient Communication

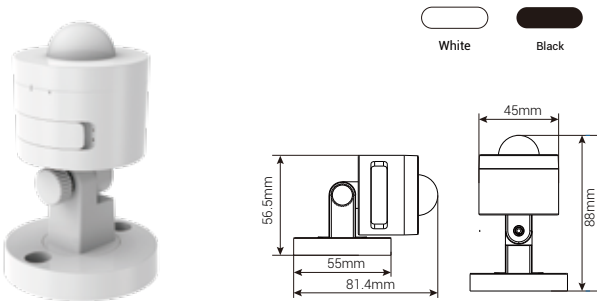
Model	D9
Protocol	RF 433 MHz
Power Supply	Solar-powered
Switch Type	Push-Button
IP	IP67
Operating Temperature	-20 C ~+55 C



>> Battery-powered PIR Sensor

- > PIR infrared sensing
- > Should paired with EBELONG controller
- > Support LUX/SENS/TIME setting
- > Battery life 5 years

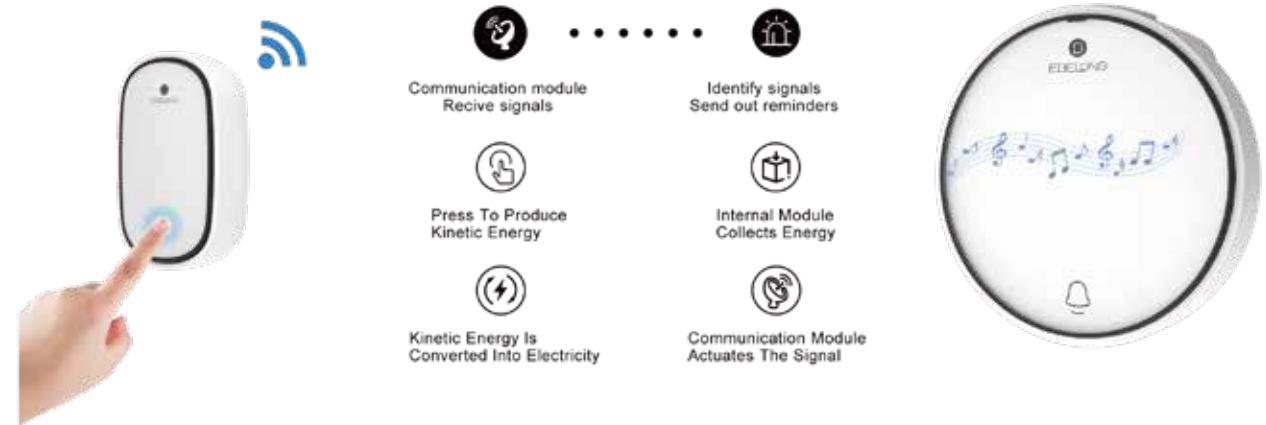
Model	H4
Frequency	RF 433 MHz
Power Supply	Button Cell (CR2450)
Sensitivity Range	0-8m adjustable
Installation Method	External



Self-Powered Doorbell



Self-Powered Doorbell Button



Benefits



Multi-Standard Receiver



Self-Powered Doorbell

Self-Powered Doorbell

>> Self-Powered Doorbell Set

- > Self-Powered transmitter & plug-type receiver
- > CN/EU/KR/AU/US

Model	Q2+Q2
Frequency	RF 433 MHz
Power supply	Transmitter: Self-Powered Receiver: AC 100-240 V
Modulation Method	ASK / FSK
Plug Type	CN/EU/KR/AU/US
Operating Range	100m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C
IP Rated	P54



>> Self-Powered Doorbell Set

- > Self-Powered transmitter & plug-type receiver
- > CN/EU/KR/AU/US

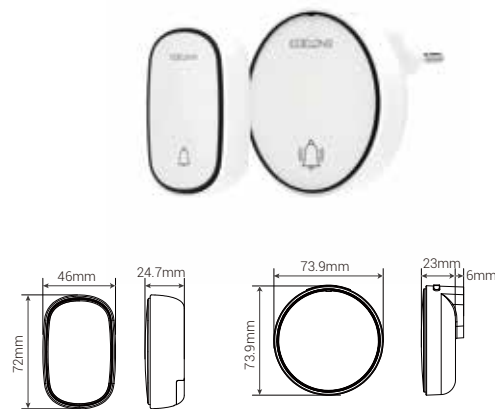
Model	Q5+Q2
Frequency	RF 433 MHz
Power supply	Transmitter: Self-Powered Receiver: AC 100-240 V
Modulation Method	ASK / FSK
Plug Type	CN/EU/KR/AU/US
Operating Range	100m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C
IP Rated	P54



>> IP67 Self-Powered Doorbell Set

- > Self-Powered transmitter & plug-type receiver
- > CN/EU/AU/US/UK
- > IP67-rated

Model	Q3+QME
Frequency	RF 433 MHz
Power supply	Transmitter: Self-Powered Receiver: AC 100-240 V
Modulation Method	ASK / FSK
Plug Type	CN/EU/AU/US/UK
Operating Range	100m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C
IP Rated	P67



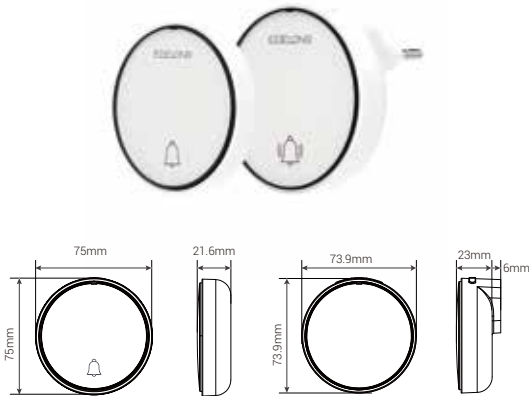
Self-Powered Doorbell

Self-Powered Doorbell

>> Self-Powered Doorbell Set

- > Self-Powered transmitter & plug-type receiver
- > CN/EU/AU/US/UK

Model	QME+QME
Frequency	RF 433 MHz
Power supply	Transmitter: Self-Powered Receiver: AC 100-240 V
Modulation Method	ASK / FSK
Plug Type	CN/EU/AU/US/UK
Operating Range	100m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C



>> US Standard Doorbell Receiver

- > Wired type receiver, can be paired with any Self-Powered transmitter
- > US standard

Model	EDR06
Frequency	RF 433 MHz
Power supply	Receiver: AC 100-240 V
Modulation Method	ASK / FSK
Operating Range	100m outdoor 30m indoor
Operating Temperature	-20 C ~+55 C

