iKinetic®

RF Switch | LED Dimming | Smart Controls

Kinetic Switch & Control System

ikinetic.io



Version 12

About Us

iKinetic stands as a trailblazing company specializing in the development of self-powered and wirelessly controlled products, aimed at elevating the user experience within smart homes and the Internet of Things (IoT).
We also take pride in our ability to provide a comprehensive product development solution, precisely tailored to meet the distinctive control requirements of our clients.

Our Vision:
At iKinetic, we envision a future where our pioneering technologies and innovative solutions empower individuals and communities to seamlessly integrate self-powered and wireless control products into their daily lives.
With a dedication to excellence, sustainability, and pioneering advancements, our goal is to redefine possibilities and promote a more intelligent and harmonious way of living.



Wireless Switch



LED Dimming



Smart Controller

iKinetic



Switch Products Series

Kinetic Switch

IK01(1G-3G)



IK02(1G-2G)



IK03

Battery Switch



BS01(1G-3G)

Wired Switch



WS01(1G-2G)

Remote

Thin Keyboard Remote

10 Year Battery Life *



TR01

DIM&CCT&RGB

4 Key Battery Remote



BR01

DIM&CCT&RGB



Kinetic Switch Receivers

Standard On/off Kinetic Receiver



AR01&AR01-MW



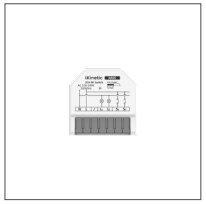
AR02&AR02-MW



AR03&AR03-MW
2CH



AR04&AR04-ZG
No Neutral



AR05&AR05-MW
2CH



AR06-MW

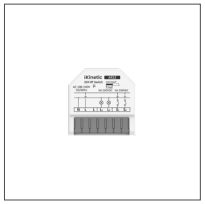


AR07-MW

Dry Contact

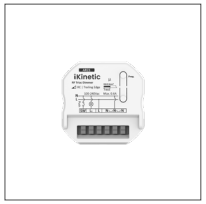


AR11&AR11-MW



AR12&AR12-MW
2CH

Triac Dimmer



AR21&AR21-MW



AR22&AR22-MW



AR23&AR23-MW
No Neutral & LN

0-10V Dimmer



AR31&AR31-MW
Dimmer



AR32&AR32-MW
CCT&Dim

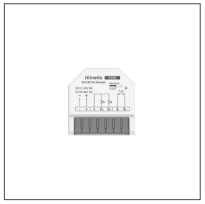


DC Wireless Controller

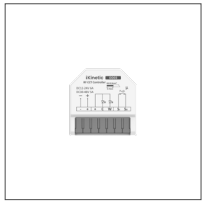
DC 12-48V PWM



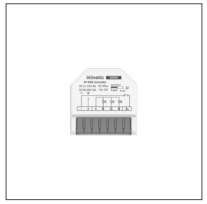
DD01&DD01-MW
Dimmer



DD02&DD02-MW
2CH



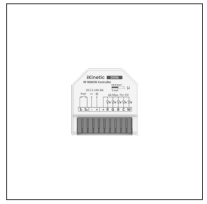
DD03&DD03-MW
CCT



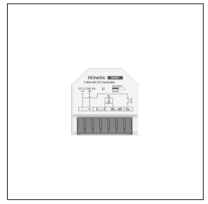
DD04&DD04-MW
RGB



DD05&DD05-MW
RGBW



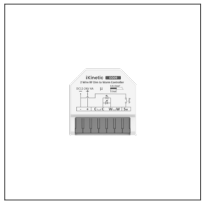
DD06&DD06-MW
RGBCW



DD07&DD07-MW
CCT

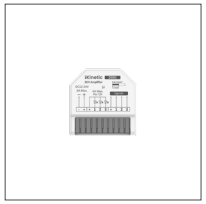


DD08&DD08-MW
Dim to Warm

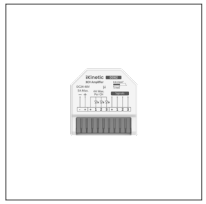


DD09&DD09-MW
2Wire Dim to Warm

12-48V Amplifier



DD81
3CH 12-24V



DD82
3CH 24-48V

Why Choose Our Kinetic Switch?

GB, EU & CN Patents

We understand the importance of hassle free business transaction for kinetic switch business. Hence all our products are protected by Chinese, UK & European patents.

High Power Generator

Our micro generator is capable to generate 300uJ power with average of 26volt output through a single short press. It deliveries stable and strong power supply to transmit signals to receivers.

90m Transmission Range*

Industry leading transmission range ensures the switch to perform steadily under complex indoor or outdoor installations.



20 Year Lifetime**

Our kinetic switch is designed to perform 200,000 switching cycles. the switch can provide equal service lifetime compared to traditional mechanical switches.

* Results were obtained under lab condition;
** Lifetime is calculated based on 20 switches per day.

Wide Choices of Receivers

We have a wide range of receivers to choose to solve real life controlling requirements.

Current offerings include On/Off wireless switch, dimmer and low voltage lighting controls. Soon, dry contact and window shutter control unit will be available for ordering.

Smart iot Integration

Our Kinetic Switch can work smart intergrated receivers to work with Homekit, Google Home, Nest, Alexa and more modern smart home system.

HomeKit
SmartThings
Google Home
Alexa

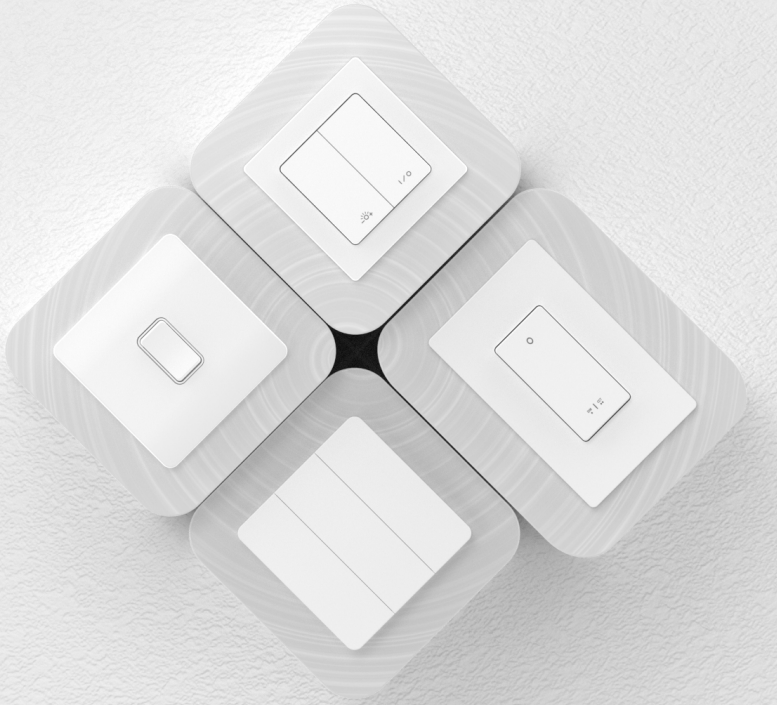


No More Wiring
Made multi-way control easily.

No More Battery
Environmental friendly.

Reliable
Over 10 year designed life time.

5 Year Warranty*
Extented 5 Year Warranty for the peace of mind.



Kinetic Wall Switches

Kinetic wall switches are the most popular application of Kinetic technology in lighting and wiring accessory market. After years of development, our Kinetic wall switches have been proven to be reliable in quality, stable in signal transmission and well designed in appearance.

5 Year Warranty are provided to all our Kinetic wall switches as standard. With 15 Year designed lifetime* of our switches, it can last long enough till next renovation.

Dimming function is available across the range to work our receivers and controllers. Tuneable white function also available to give max flexibility of lighting control in daily use.

"My customers love to use kinetic switches for their jobs, they can save a great mount of time on wiring."

Leon K, Owner of TC Electric, France



Thin 86 Series

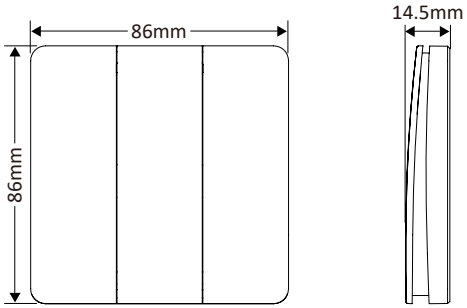


Kinetic Powered
Ultra-Thin Design
IP65 Rated



IK01

Dimensions

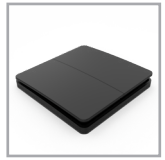


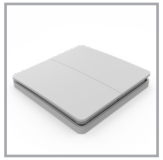
Product Information

Power Source		Self Powered (Kinetic)
Radio Frenquency		433 Mhz
Transmission Range		Outdoor 60m (no barrier) Indoor 15m (plaster board; drywall) Indoor 12m (concret, glass walls) **(Range may vary depending on surrounding situation)**
Switching Type		Push Switch
Dimming Type		Push Selested With 2 Gang Switch
IP Rating		IP65
Body Material		Polycarbonate
Product Code	1 Gang	IK01-1G-WH
	2 Gang	IK01-2G-WH
	3 Gang	IK01-3G-WH

Colour Available


WH - Matt White


BL - Matt Black


GR - Space Grey



EU Series

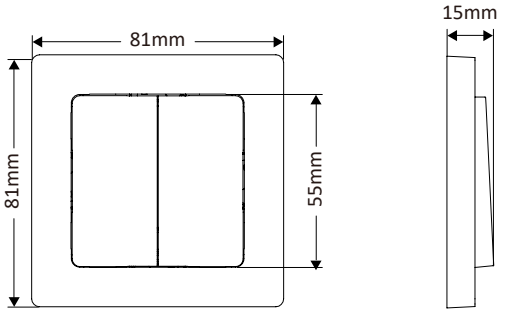


Kinetic Powered
Classic Design
IP20 Rated



IK02

Dimensions



Product Information

Power Source		Self Powered (Kinetic)
Radio Frenquency		433 Mhz
Transmission Range		Outdoor 60m (no barrier) Indoor 15m (plaster board; drywall) Indoor 12m (concret, glass walls) **(Range may vary depending on surrounding situation)**
Switching Type		Push Switch
Dimming Type		Push Selested With 2 Gang Switch
IP Rating		IP20
Body Material		Polycarbonate
Product Code	1 Gang	IK02-1G-WH
	2 Gang	IK02-2G-WH

Colour Available



WH - Matt White

US Series

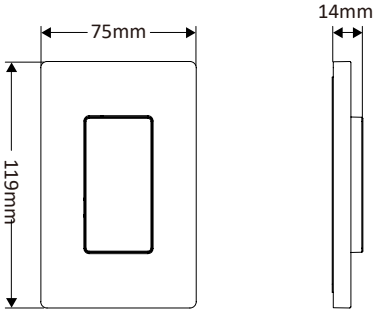


Kinetic Powered
US Standard Design
IP44 Rated



IK03

Dimensions



Product Information

Power Source	Self Powered (Kinetic)
Radio Frenquency	433 Mhz
Transmission Range	Outdoor 60m (no barrier) Indoor 15m (plaster board; drywall) Indoor 12m (concret, glass walls) **(Range may vary depending on surrounding situation)**
Switching Type	Push Switch
Dimming Type	Push Selested With 2 Gang Switch
IP Rating	IP20
Body Material	Polycarbonate
Product Code 1 Gang	IK03-1G-WH

Colour Available



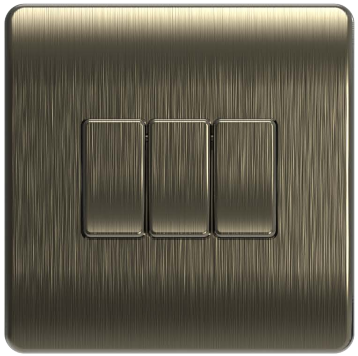
WH - Matt White



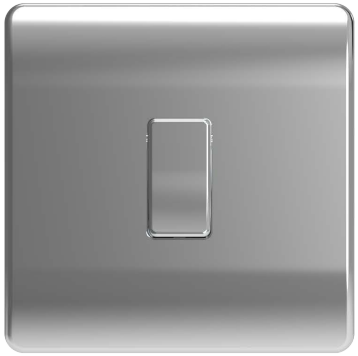
Battery UK Switch



Battery Powered
UK Standard Design
IP44 Rated

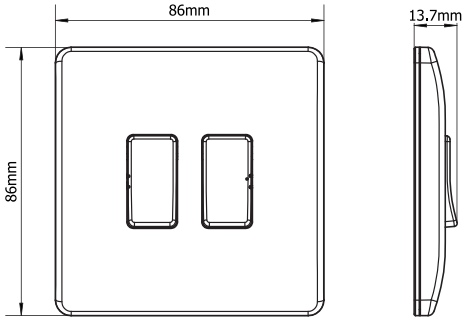






BS01

Dimensions



Product Information

Power Source		Battery 2 x CR2032
Radio Frenquency		433 Mhz
Transmission Range		Outdoor 60m (no barrier) Indoor 15m (plaster board; drywall) Indoor 12m (concret, glass walls) **(Range may vary depending on surrounding situation)**
Switching Type		Push Switch
Dimming Type		Push Selested With 2+ Gang Switch
IP Rating		IP20
Body Material		Polycarbonate
Product Code	1 Gang	BS01-1G-WH
	2 Gang	BS01-2G-WH
	3 Gang	BS01-3G-WH

Color and Surface

White | Grey | Dark Grey | Black | Champagne

Plastic | Polished Finish | Brushed Finish

Battery UK Switch

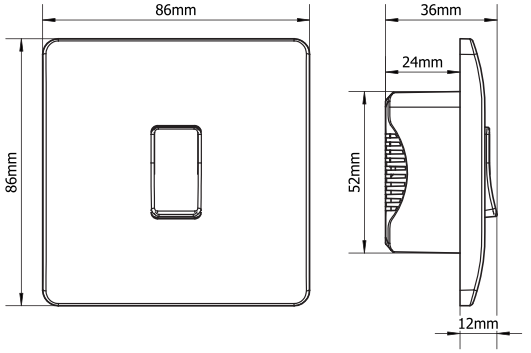


Battery Powered
UK Standard Design
IP44 Rated



WS01

Dimensions



Product Information

Power Source		Button Battery (Lithium battery)
Radio Frenquency		433 Mhz
Transmission Range		Outdoor 60m (no barrier) Indoor 15m (plaster board; drywall) Indoor 12m (concret, glass walls) **(Range may vary depending on surrounding situation)**
Switching Type		Push Switch
Dimming Type		Push Selested With 2+ Gang Switch
IP Rating		IP20
Body Material		Polycarbonate
Product Code	1 Gang	WS01-1G-WH
	2 Gang	WS01-2G-WH

Color and Surface

White | Grey | Dark Grey | Black | Champagne

Plastic | Polished Finish | Brushed Finish



Thin Keyboard Remote



10 Year Battery Life *
Glass Panel Design
IP20 Rated

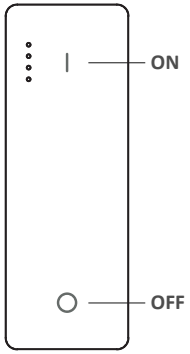
TR01

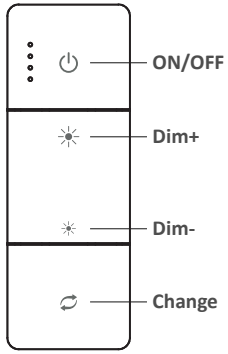


Product Information

Power Source	Battery 2 x CR2032
Radio Frenquency	2.4GHz
Transmission Range	Outdoor - 30m Max., Indoor - 10m Max. **(Range may vary depending on surrounding situation)**
Protocol	RF 433
IP Rating	IP 20 (Indoor Use Only)
Main Material	PC + ABS
Dimension	90*32*13mm

Function keys







Battery 4 Key Remote



Battery Powered
4Key Detachable Design
IP44 Rated

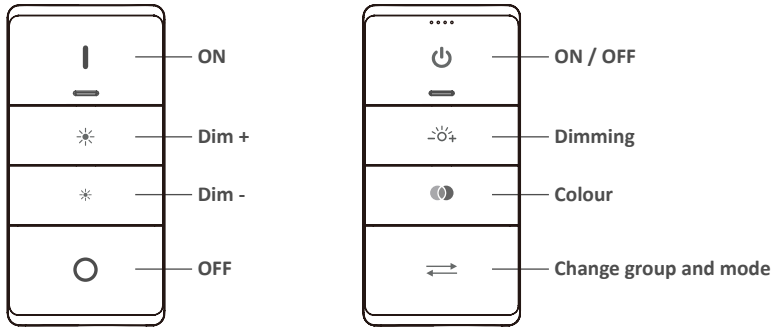


BR01

Product Information

Power Source	Battery 2 x CR2032	
Transmission Range	Outdoor - 30m Max., Indoor - 10m Max. **(Range may vary depending on surrounding situation)**	
Protocol	RF 433	
IP Rating	IP 20 (Indoor Use Only)	
Main Material	PC + ABS	
Dimension	**Remote** - 83*40*12mm	**Base Frame** - 90*75*8mm

Function keys





Receivers

With quick push connectors on the receiver, the installation can be faster 3 times than other ones.

Receivers and controller take vital role in kinetic switch business. They are the foundation of building up a controlling system with Kinetic Switches and other remotes. For the peace of mind and confidence in our offers, all our receivers and controllers are provided with 3 Year Warranty and 100,000 hour designed lifetime*.

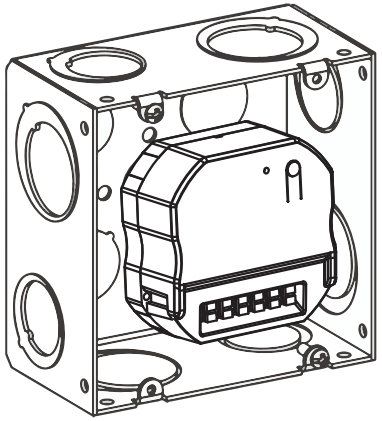
Our current offers cover Non-dimmable RF and Smart Controllers, Smart and RF Triac Dimmer, suitable for wide input voltage from AC100-240V 50/60Hz.

The lowest and highest brightness level can be set by App on the Smart Triac Dimmer. This helps the performance and compatibility of our dimmer to suit more dimmable light fittings without flicker and slow response issues that happen regularly on smart dimmers.

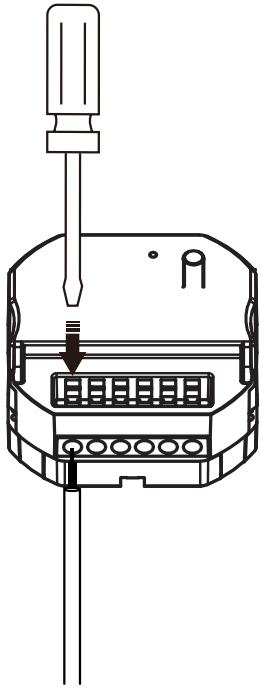
"We introduce Kinetic switches and smart controllers to our customers for past few weeks, and start to see large amount inquires and stocking orders..."

Frederic F, Sales Director of KB LIGHT

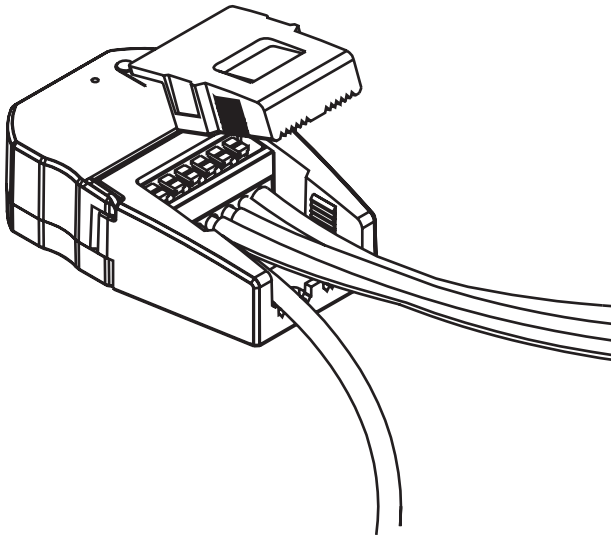
Small in size but powerful to use.



Can be installed in a back box.



With convenient push terminal.

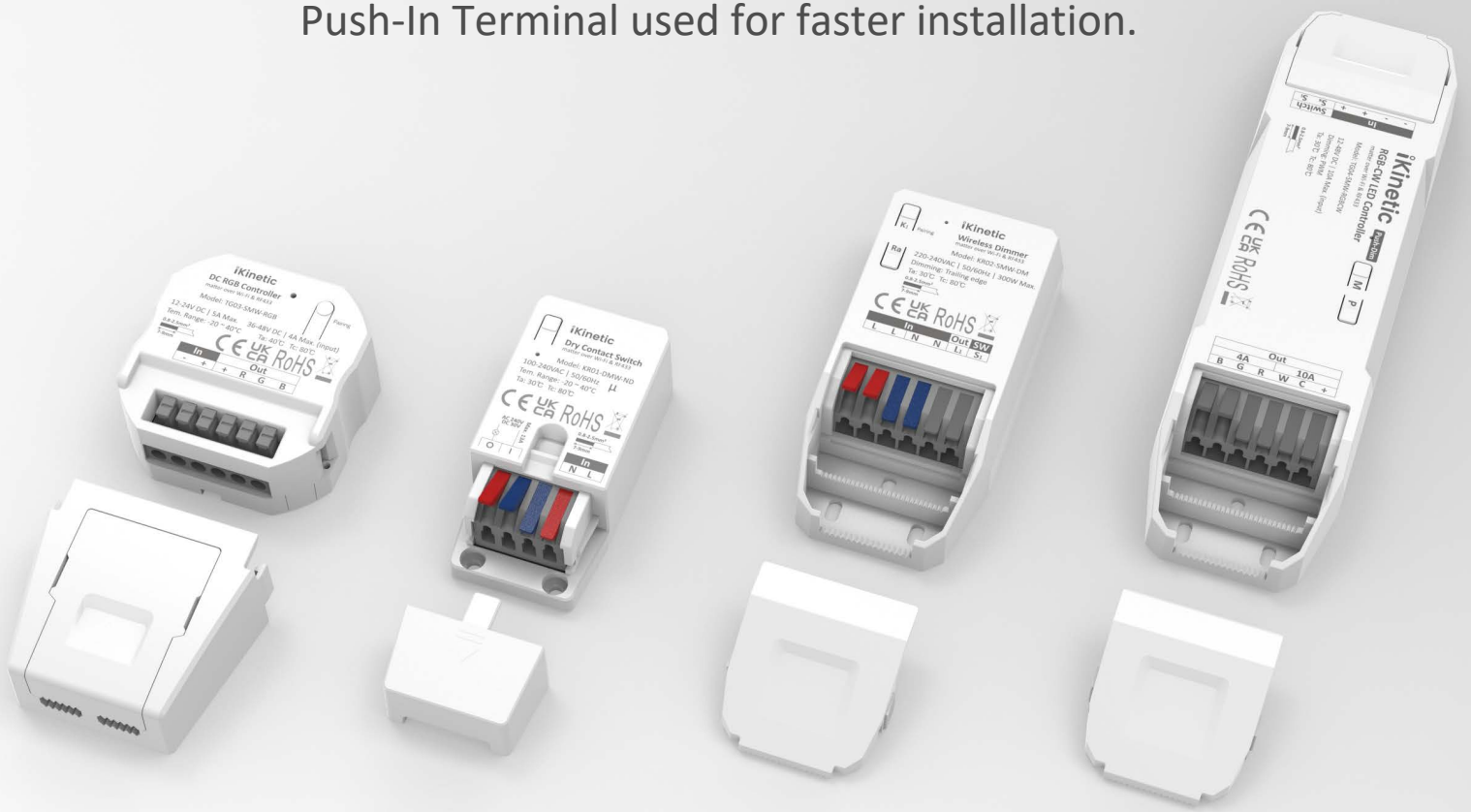


Detachable junction box.

5 Year Warranty

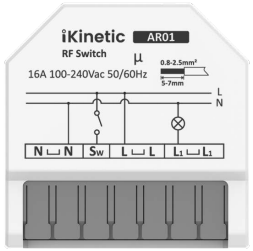
matter WiFi zigbee tuya

Push-In Terminal used for faster installation.



HomeKit Google Home Alexa SmartThings

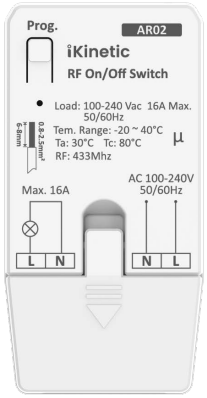
Standard On/off Kinetic Receiver



1CH

AR01&AR01-MW

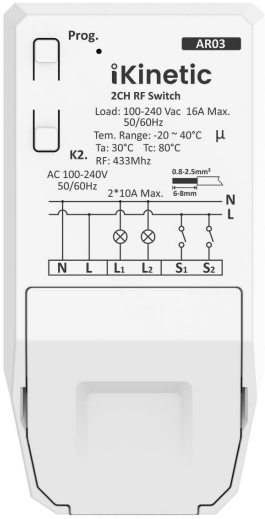
- **Input:** 100-240Vac 50/60Hz 10A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



1CH

AR02&AR02-MW

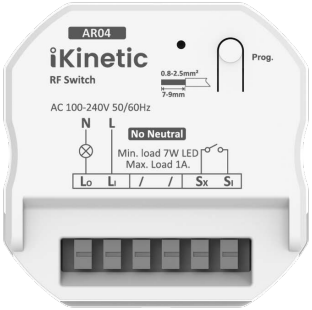
- **Input:** 100-240Vac 50/60Hz 10A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** No
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 67mm*33mm*24mm



2CH

AR03&AR03-MW

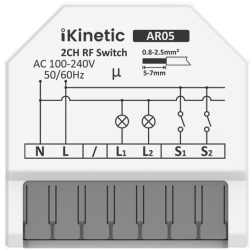
- **Input:** 100-240Vac 50/60Hz 16A Max.
- **Channel:** 2CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes, 2 way
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 88mm*45mm*24mm



No Neutral

AR04&AR04-ZG

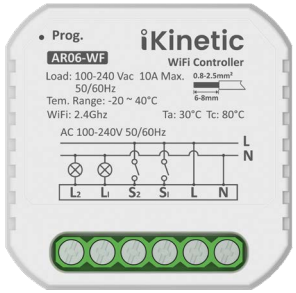
- **Input:** 100-240Vac 50/60Hz 1A Max.
- **Min. load:** 7W LED
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 52mm*52mm*24mm



2CH

AR05&AR05-MW

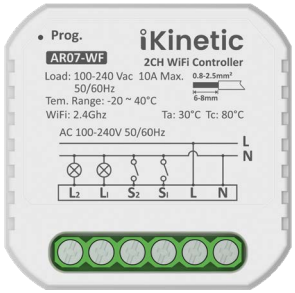
- **Input:** 100-240Vac 50/60Hz 10A Max.
- **Channel:** 2CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes, 2 way
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



1CH

AR06-MW

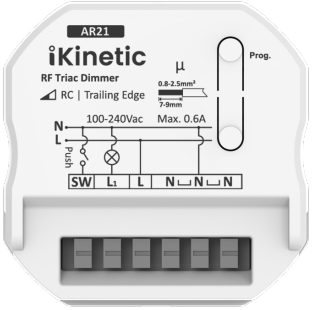
- **Input:** 100-240Vac 50/60Hz 10A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 46mm*46mm*20mm



2CH

AR07-MW

- **Input:** 100-240Vac 50/60Hz 10A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
- **Wall Switch Compatible:** Yes, 2 way
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 46mm*46mm*20mm

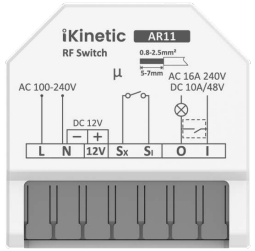


1CH

AR8

- **Input:** 100-240Vac 50/60Hz 10A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm

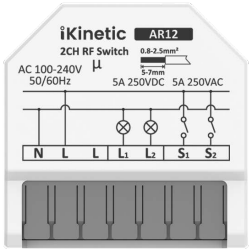
Dry contact on/off



1CH

AR11&AR11-MW

- **Input:** 100-240Vac 50/60Hz 12V DC
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm

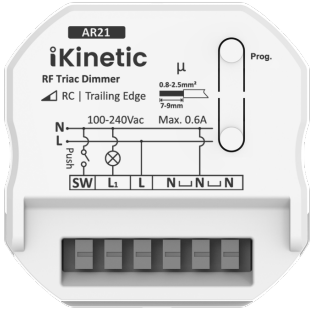


2CH

AR12&AR12-MW

- **Input:** 100-240Vac 50/60Hz 12V DC
- **Channel:** 2CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes, 2 way
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm

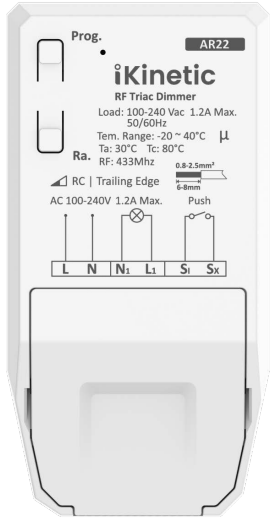
Triac Dimmer



1CH

AR21

- **Input:** 100-240Vac 50/60Hz 0.6A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Phase Cutting:** Trailing Edge
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm

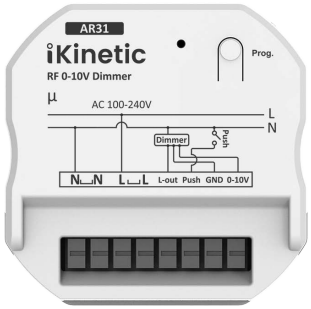


1CH

AR22&AR22-MW

- **Input:** 100-240Vac 50/60Hz 1.2A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Phase Cutting:** Trailing Edge
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 88mm*45mm*24mm

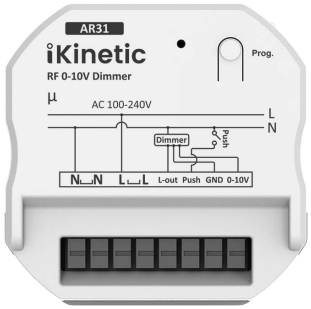
0-10V Dimmer



No Neutral & LN

AR23&AR23-MW

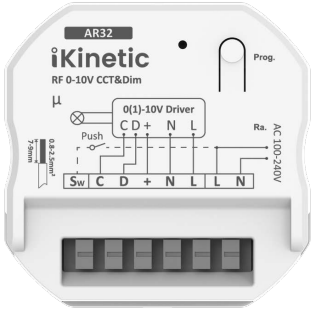
- **Input:** 100-240Vac 50/60Hz 0.6A Max.
- **Min. load:** 7W LED
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Phase Cutting:** Trailing Edge
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 52mm*52mm*24mm



Dimmer

AR31&AR31-MW

- **Input:** 100-240Vac 50/60Hz 4A Max.
  0-10V 80mA
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 52mm*52mm*24mm



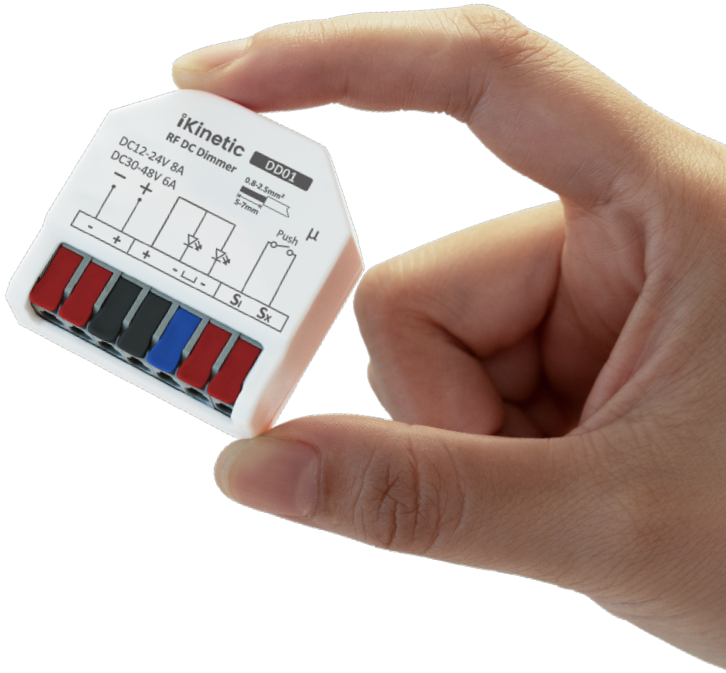
CCT&Dim

AR32&AR32-MW

- **Input:** 100-240Vac 50/60Hz 4A Max.
  0-10V Dim 50mA
  0-10V CCT 50mA
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 52mm*52mm*24mm



DC Wireless Controller

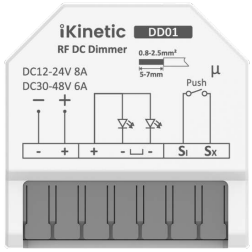


Compatible with Kinetic Switch
Matter wifi or RF Controlled
Work on DC12-48V

DC 12-48V PWM

matter WiFi zigbee tuya

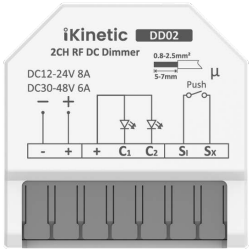
5 Year Warranty



Dimmer

DD01&DD01-MW

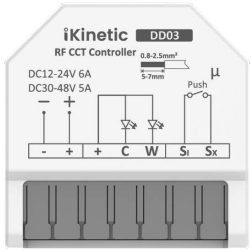
- **Input:** 12-24 Vdc 8A Max.
  30-48 Vdc 6A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



2CH

DD02&DD02-MW

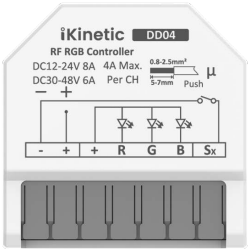
- **Input:** 12-24 Vdc 8A Max.
  30-48 Vdc 6A Max.
- **Channel:** 2CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



CCT

DD03&DD03-MW

- **Input:** 12-24 Vdc 6A Max.
  30-48 Vdc 5A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



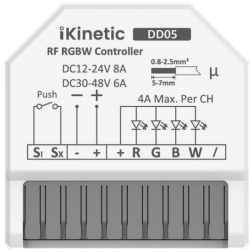
RGB

DD04&DD04-MW

- **Input:** 12-24 Vdc 8A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee
  433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm

matter WiFi zigbee tuya

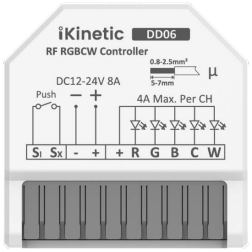
5 Year Warranty



RGBW

DD05&DD05-MW

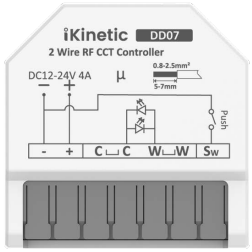
- **Input:** 12-24 Vdc 8A Max.
- **Channel:** 4A Max.
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



RGBCW

DD06&DD06-MW

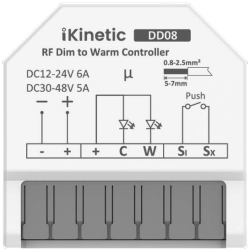
- **Input:** 12-24 Vdc 8A Max.
- **Channel:** 4A Max.
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



2 Wire CCT

DD07&DD07-MW

- **Input:** 12-24 Vdc 4A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes, 2 way
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



Dim to Warm

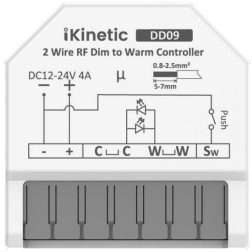
DD08&DD08-MW

- **Input:** 12-24 Vdc 6A Max.
  30-48 Vdc 5A Max.
- **Channel:** 1CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm

12-48V Amplifier

matter Wi Fi zigbee tuya

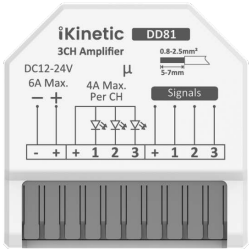
5 Year Warranty



2Wire Dim to Warm

DD09&DD09-MW

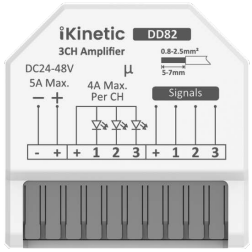
- **Input:** 12-24 Vdc 4A Max.
- **Channel:** 2CH
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes, 2 Wire
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



3CH 12-24V

DD081&DD81-MW

- **Input:** 12-24 Vdc 6A Max.
- **Channel:** 4A Max.
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



3CH 24-48V

DD082&DD082-MW

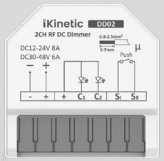
- **Input:** 24-48 Vdc 5A Max.
- **Channel:** 4A Max.
- **IP Rating:** IP20
- **RF:** 2.4Ghz for Matter Wi-Fi/Zigbee 433Mhz for Kinetic Switch
- **Wall Switch Compatible:** Yes
- **Tem. Range:** -20 ~ 40°C
- **Ta:** 30°C **Tc:** 80°C
- **Dimensions:** 42mm*42mm*16.5mm



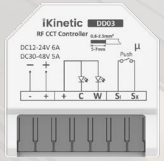
Equipement Matching Chart

Receiver

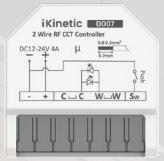
LED Dimmer



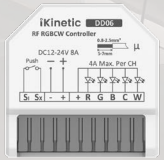
CCT Controller

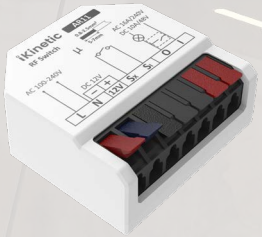


Two Pole



RGB/RGBW/RGBCW Controller





Sender

1 G On/Off



2 G Dimmer



Remote



APP



2 G CCT



3 G CCT



Remote



APP



2G RGB/RGBW/RGBCW



3G RGB/RGBW/RGBCW



Remote



APP



"Finally, I've found a LED strip controller that works with Kinetic Switch and App at the same time" Cindy L, SAM LED, Taiwan





Kinetic Door Bell

"Surprisingly, our local electricians buy Kinetic Door Bells for their domestic customers on regular basis."

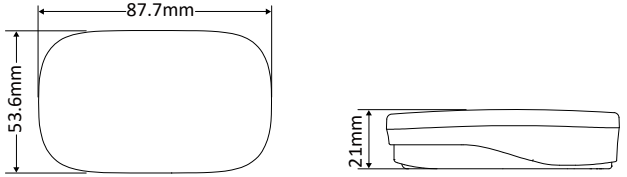
Jose F, Cebu LED, Italy

Door Bell



Dimensions

2 Year Warranty



Product Information

Power Source	Self-Powered (Kinetic)
Radio Frequency	433Mhz

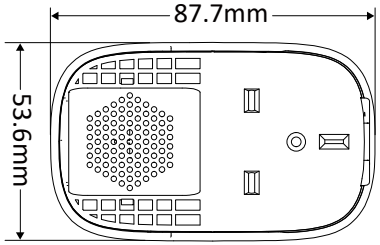
Transmission Range		Up to 35m outdoor; Up to 15m indoor.
Working Temperature		-10~40℃
IP Rating		IP44, Splash proof , indoor & outdoor use
Product Code	White	KD01-RF-WH

Door Bell Receiver



Dimensions

2 Year Warranty



Product Information

Input Voltage	AC85 ~ 240V 50/60Hz
Radio Frequency	433Mhz

Ringtones		38
Sound Volume		100db Max, 4 Level Adjustable
IP Rating		IP20; Indoor use only.
Product Code	White	DR01-RF-WH
	Black	DR01-RF-BL

Plug & Play Wired Sensor for Furniture Lighting



Plug & Play
Modern Design
Superme Building Quality

Furniture Lighting Sensor



Touch Mini

VS-TM-02

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Cutout Size:** 12mm
- **Recessed Size:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



Touch

VS-TM-01

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



PIR

VS-PM-01

Detection Range 0.2 - 2.5m

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



Hand & Door

VS-DM-01

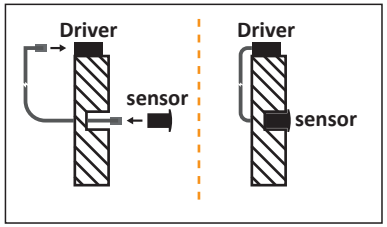
Detection Range 1 - 5cm

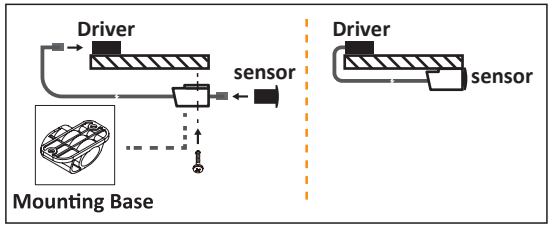
- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting

Plug & Play Installation



» General Installation Guide (**Touch - PIR - Hand & Door**)





Furniture Lighting Sensor



Touch

WD-TM-01 WD-TC-01

- **Working Voltage:** 12-24V
- **Working Current:** 3mA
- **Cutout Size:** 12mm
- **Recessed Size:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



Hand

WD-HM-01 WD-HC-01

Detection Range 1 - 5cm

- **Working Voltage:** 12-24V
- **Working Current:**3mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



PIR

WD-PM-01 WD-PC-01

Detection Range 0.2 - 2.5m

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



Door

WD-DM-01 WD-DC-01

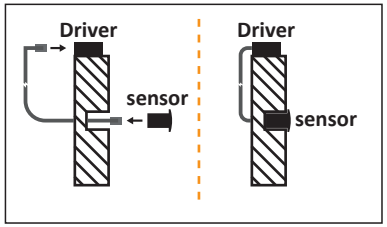
Detection Range 1 - 5cm

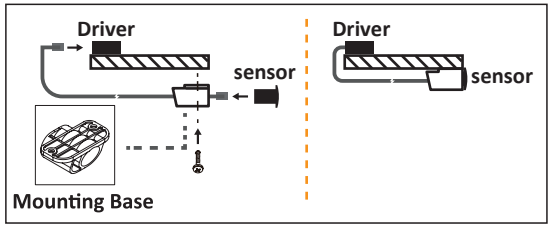
- **Working Voltage:** 12-24V
- **Working Current:** 3mA
- **Hole Size:** 12mm
- **Hole Depth:** 18mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting

Plug & Play Installation



» General Installation Guide (**Touch - PIR - Hand & Door**)





Furniture Lighting Sensor



Touch

ED-TM-01

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting

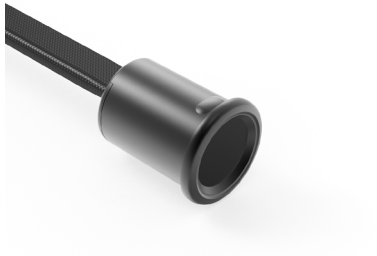


PIR

ED-PM-01

Detection Range 0.2 - 2.5m

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



Hand & Door

ED-DM-01

Detection Range 1 - 5cm

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 12mm
- **Hole Depth:** 12mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting

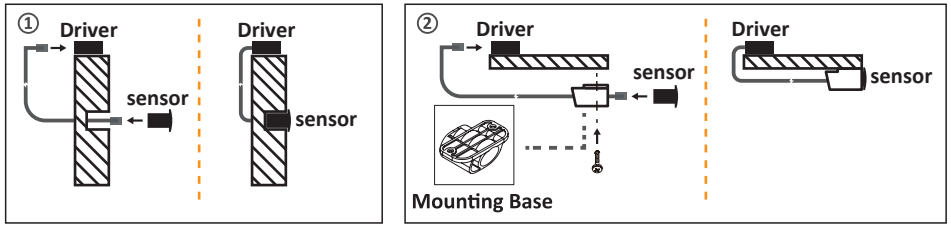


Push

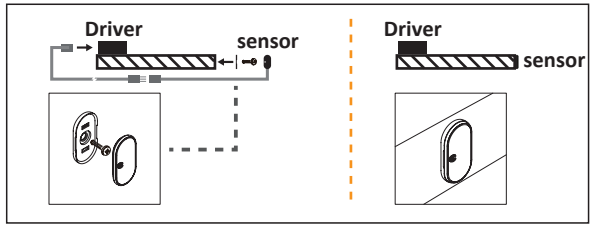
MN-PM-01

- **Working Voltage:** 12-24V
- **Working Current:** 7mA
- **Cable Size:** 0.5*7mm (thickness * width)
- **Cable Length:** 2000mm
- **Installation:** Surface Mount

» General Installation Guide (**Touch - PIR - Hand & Door**)



» General Installation Guide (**Push**)



Furniture Lighting Sensor



Touch Mini

CS-TM-01

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 10mm
- **Hole Depth:** 33mm
- **Cable Length:** 2000mm
- **Installation:** Recessed



Touch

CS-TM-02

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 10mm
- **Hole Depth:** 33mm
- **Cable Length:** 2000mm
- **Installation:** Recessed



PIR

CS-PM-02

Detection Range 0.2 - 2.5m

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 8mm
- **Hole Depth:** 16mm
- **Cable Length:** 2000mm
- **Installation:** Recessed & Surface Mounting



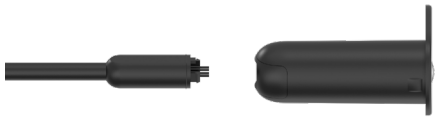
PIR Base

CS-PM-03

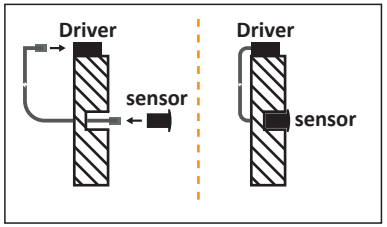
Detection Range 0.2 - 2.5m

- **Working Voltage:** 12-24V
- **Working Current:** 7mA
- **Installation:** Surface Mount

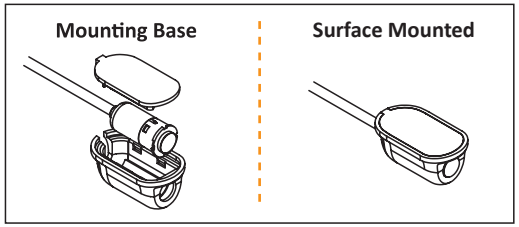
Plug & Play Installation



» General Installation Guide (**Touch - Hand & Door**)



» General Installation Guide (**PIR Base**)



Furniture Lighting Sensor



Hand

CS-HM-01

Detection Range 1 - 5cm

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 10mm
- **Hole Depth:** 33mm
- **Cable Length:** 2000mm
- **Installation:** Recessed



Door

CS-DM-01

Detection Range 1 - 5cm

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 10mm
- **Hole Depth:** 33mm
- **Cable Length:** 2000mm
- **Installation:** Recessed



Dual Door

CS-DM-02

Detection Range 1 - 5cm

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 8*21mm
- **Hole Depth:** 33mm
- **Cable Length:** 2000mm
- **Installation:** Recessed



Photosensitive

CS-PM-01

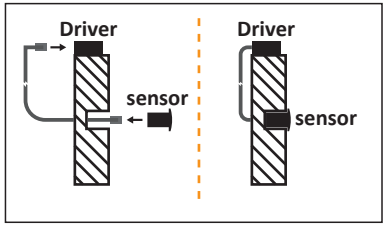
Detection Range 0.2 - 2.5m

- **Working Voltage:** 12-24V
- **Working Current:** 2.1mA
- **Hole Size:** 8*21mm
- **Hole Depth:** 33mm
- **Cable Length:** 2000mm
- **Installation:** Recessed

Plug & Play Installation



- General Installation Guide (**Touch - PIR - Hand & Door**)



Wireless Lighting Sensor



Wireless Lighting Sensor



Hand Swipe

EH-T-01

Detection Range 1 - 5cm

- **Operation:** Hand Swipe
- **Function:** On/Off & Dimming
- **RF:** 2.4G
- **Transmission Range:**
  - Outdoor 30m (no barrier)
  - Indoor 15m(plaster board; drywall)
  - Indoor up to 10m (concret, glass walls)
- **Battery Type:** CR2450*1pcs
- **Battery Life Time:** 1 Year or 5000 Trigger
- **Size:** 66*30*14mm



Touch & PIR

NO-TP-01

Detection Range 0.2 - 3m (PIR)

- **Operation:** Touch & PIR
- **Function:** PIR, On/Off & Dimming
- **RF:** 2.4G
- **Transmission Range:**
  - Outdoor 30m (no barrier)
  - Indoor 15m(plaster board; drywall)
  - Indoor up to 10m (concret, glass walls)
- **Battery Type:** CR2450*1pcs
- **Battery Life Time:** 1 Year or 7000 Trigger
- **Size:** Φ48*15mm



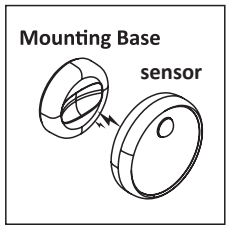
Push & PIR

PX-PP-01

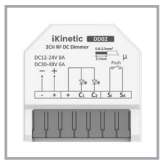
Detection Range 0.2 - 3m (PIR)

- **Operation:** Push & PIR
- **Function:** PIR, On/Off & Dimming
- **RF:** 2.4G
- **Transmission Range:**
  - Outdoor 30m (no barrier)
  - Indoor 15m(plaster board; drywall)
  - Indoor up to 10m (concret, glass walls)
- **Battery Type:** CR2450*1pcs
- **Battery Life Time:** 1 Year or 7000 Trigger
- **Size:** Φ48*15mm

- **General Installation Guide (Touch & PIR - Push & PIR)**



- **Compitable DC Receivers (for Hand - Touch & PIR - Push & PIR)**



DC Dimmer



Wireless Receiver



Power Splitter

Receiver for Furniture Lighting

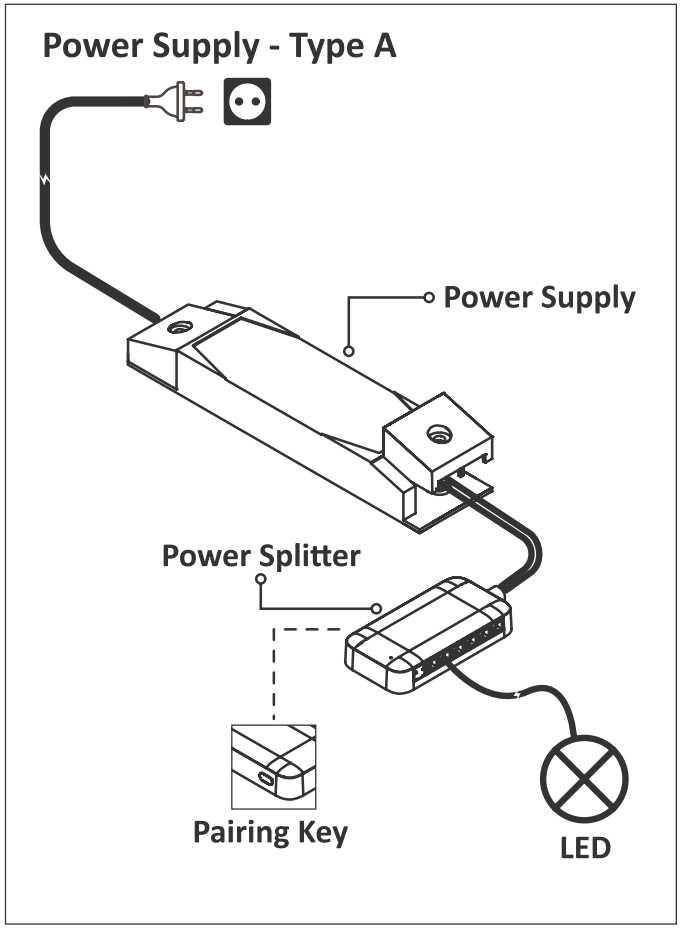


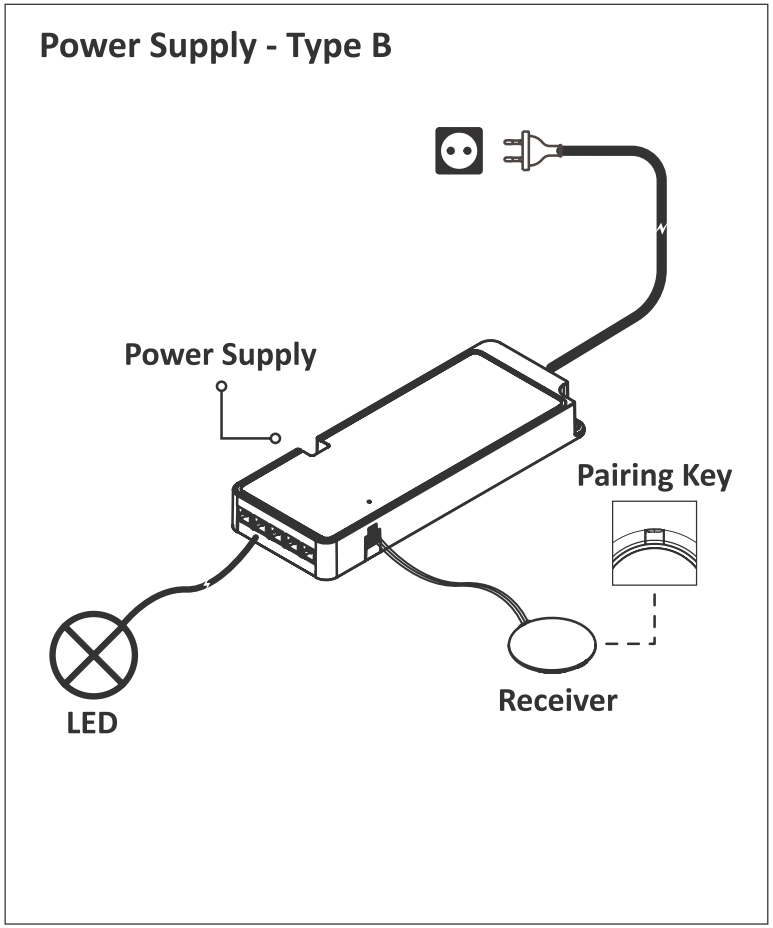
Wireless Sensor Connection and Pairing Method

Pairing:

Pairing Method 1: When the receiver is powered on, the red indicator light stays on for 20 seconds. During this time, you can pair it by long-pressing the Sensor& Remote pairing button for 5 seconds. If the pairing is successful, the receiver's indicator light will flash 3 times, and the light bar will blink once (indicating successful pairing).

Pairing Method 2: In a non-power-off situation, long-press the receiver button for 5 seconds. The red indicator light stays on for 20 seconds. During this time, you can pair it by long-pressing the Sensor&Remote pairing button for 5 seconds. If the pairing is successful, the receiver's indicator light will flash 3 times, and the light bar will blink once (indicating successful pairing).





Clearing Codes:

Sensor&Remote: Quickly press the button 5 times. The Sensor&Remote indicator light will flash 3 times, and the light bar will synchronize blink 3 times (indicating clearing of the stored receiver code).

Receiver: Quickly press the button 3 times. The indicator light will rapidly flash 3 times, and the light bar will synchronize blink 3 times (indicating clearing of all Sensor&Remote code values).

Compatible Sensor Switch



Receiver for Furniture Lighting



Smart Power Splitter

PS-01

- **Input:** DC 12-24V 5A Max.
- **Output:** DC12-24V 3A Max. (Channel)
- **Channel:** 6 CH
- **Connector Type:** JST 2.54
- **Cable Length:** 15cm
- **Installation:** Surface Mounting



RF Receiver

RC-01

- **Input:** DC 12-24V
- **Connection:** 3 Pin
- **Cable Length:** 15cm
- **Installation:** Surface Mounting
- **To work with:**
  Smart Power Supply (as Plug-in unit)
  Wireless Sensors, Remotes and (or) WiFi (as Receiver)



Smart Heating System



Thermostat
Nordic Style



Thermostat
IPS Display



Thermostat
Wireless WiFi



Thermostat
Touch



TRV
LED1



TRV
LED2



TRV
OLED



TRV
LCD



Gateway
Zigbee



Sensor
Door & Window



Sensor
Temp & Humidity

Thermostat



Nordic Style

N3

Tuya WiFi

- **Supply voltage:** AC220±10%V ; 50/60Hz
- **Current Load:** 3A/16A
- **Application:** Built-in sensor/& floor sensor, a NC/NO dual-output/ a potential-free output, programmable
- **Scene:** Water heating, Boiler heating, Electric heating
- **Size:** 86*86*11.7mm
- **Cut-Out:** 51*51mm



Capacitive touch

V4W.723

Tuya WiFi

- **Supply voltage:** AC100~240V ; 50/60Hz
- **Current Load:** 3A/16A
- **Application:** Built-in sensor/& floor sensor, a NC/NO dual-output/ a potential-free output, programmable.
- **Scene:** Water heating, Boiler heating, Electric heating
- **Size:** 86*86*11.7mm
- **Cut-Out:** 51*51mm



IPS Display

R7C.703

Tuya WiFi

- **Supply voltage:** AC100~240V ; 50/60Hz
- **Current Load:** 3A/16A
- **Application:** Built-in sensor/& floor sensor, a NC/NO dual-output/ a potential-free output, programmable.
- **Scene:** Water heating, Boiler heating, Electric heating
- **Size:** 86*86*13.1mm
- **Cut-Out:** 51*51mm



Wireless RF

RC9P

Tuya WiFi

- **Supply voltage:** 5V USB(Type C)/2*AA Batteries(Battery is not included)
- **Current Load:** 3A
- **Application:** Wi-Fi , APP/Vioce control, RF433Mhz, Passive output
- **Scene:** Boiler heating
- **Size:** 118*86*24mm



RF Receiver

- **Supply voltage: AC100~240V ; 50/60Hz**
- **Size:** 86*86*26mm

TRV



LED

TRV601

- **Supply voltage:** 3 x 1 .5V alkaline AA batteries (not included)
- **Protocol:** Matter over Thread/ZigBee/ Wi-Fi Direct/Bluetooth
- **Adaptor Type:** M30*1.5mm (Supplied adapters: Danfoss RA, RAV, RAVL,Caleffi, Giacomoni, M28)
- **Application:** IP20
- **Size:** 58.4mm x 95.5mm x 58.4mm



LED

TRV702

- **Supply voltage:** 3 x 1 .5V alkaline AA batteries (not included)
- **Protocol:** Matter over Thread/ZigBee/ Wi-Fi Direct/Bluetooth
- **Adaptor Type:** M30*1.5mm (Supplied adapters: Danfoss RA, RAV, RAVL,Caleffi, Giacomoni, M28)
- **Application:** IP20
- **Size:** 58.4mm x 95.5mm x 58.4mm



OLED

TRV602

- **Supply voltage:** 3 x 1 .5V alkaline AA batteries (not included)
- **Protocol:** Matter over Thread/ ZigBee/Wi-Fi Direct/Bluetooth
- **Adaptor Type:** M30*1.5mm (Supplied adapters: Danfoss RA, RAV, RAVL,Caleffi, Giacomoni, M28)
- **Application:** IP20
- **Size:** 58.4mm x 95.5mm x 58.4mm



LCD

TRV801

- **Supply voltage:** 3 x 1 .5V alkaline AA batteries (not included)
- **Protocol:** Matter over Thread/ ZigBee/Wi-Fi Direct/Bluetooth
- **Adaptor Type:** M30*1.5mm (Supplied adapters: Danfoss RA, RAV, RAVL,Caleffi, Giacomoni, M28)
- **Application:** IP20
- **Size:** 58.4mm x 97.4mm x 58.4mm

Smart Sensor



Temp & Humidity

ZTH02

- **Supply voltage:** DC 3V (CR2032 battery)
- **Zigbee Frequency:** IEEE 802.15.4
- **Temperature Measure Range:** -20C~60℃
- **Humidity Measure Range:** 0% RH~100%RH
- **Temperature Measure Accuracy:** ±1℃
- **Humidity Measure Accuracy:** ±5%RH
- **size:** 54*26.5*13mm



Door Window

ZD08

- **Supply voltage:** DC 3V (CR2032 battery)
- **Zigbee Frequency:** IEEE 802.15.4
- **Temperature Measure Range:** -20C~60℃
- **Humidity Measure Range:** 0% RH~100%RH
- **Temperature Measure Accuracy:** ±1℃
- **Humidity Measure Accuracy:** ±5%RH
- **size:** 54*26.5*13mm(Main Sensor) 34.5*12.5*12.5mm(Magent)

Gateway



Gateway

Z2W-G01

- **Supply voltage:** AC95~250V ; 50/60Hz
- **Protocol:** Zigbee
- **Application:** IP20
- **Size:** 64mm x 59mm x 67mm
- **Frequency**: IEEE 802.15.4(ZigBee 3.0)

iKinetic®

CONTACT US

INFO

www.ikinetic.io
info@ikinetic.io

PHONE

+86 185 8844 1100
+86 755 2764 2829

ADDRESS

Shenzhen Victronics Technology Co. Ltd
2nd Floor, A Building, 3rd Industrial Area, Shiyan Town, Baoan District, Shenzhen.

iKinetic is a trading name of Shenzhen Victronics Technology Co. Ltd. All data, figures and information provided on this catalogue are for illustration purposes only. Actual products may vary due to product enhancement from time to time.