



Kinetic Wireless Switch & Controller

Product Specifications

Innovation of Wireless Kinetic Technology

The Quinetic wireless switch has a built-in micro energy generator. When the switch panel is pressed down, at that short moment, the kinetic transforms that movement in to energy in order to power an internal radio system to transmit signal and control the lamp or other load on or off. This solves an age old problem of having to install switch wiring over the past 130 years since the invention of the light bulb.

No Wiring. No Battery. Easy Installation and Usage.

There is no longer a need to install back boxes or make holes in the wall with the Quinetic wireless switch. It can be installed/placed anywhere you want: glass, marble, ceramic tile and other smooth surface, flat wall surfaces such as normal lime wall, painted wall, etc. The Quinetic switch is safe and convenient, extremely simple to install and use.

Collection of Micro Mechanical Energy

Micro energy acquisition (MEA) module constantly generates energy, thus eliminating the need for a battery power supply



Press with a finger to produce kinetic energy.



Internal module collects kinetic energy.



Kinetic energy is converted into electricity.



Communication module transmits signal.



Receiver controls the light.



Low power hardware and high reliable communication protocol

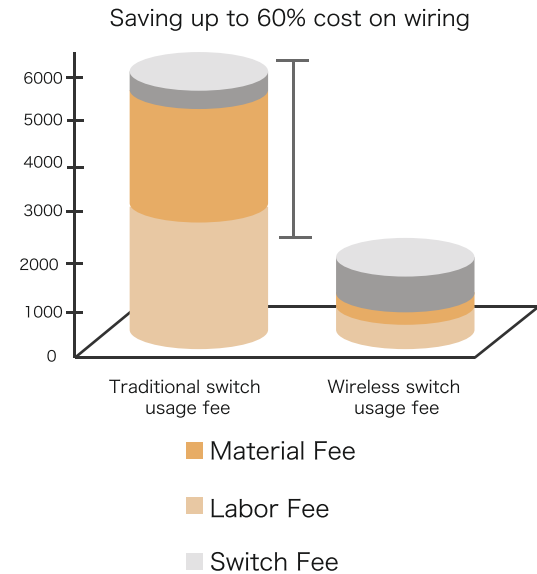
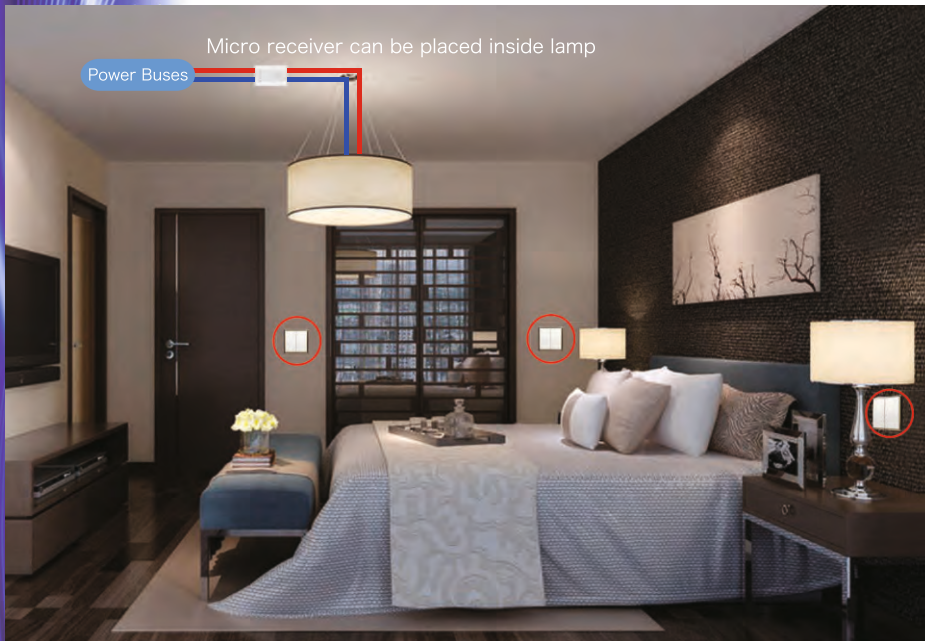
Energy produced by the Quinetic device is very small, so the communicating hardware adheres to strict requirements on low power consumption, wireless transmission and creates a high stable environment.

The Quinetic switch has a formidable range being effective up to 30m indoors and 160m outdoors. To prevent interference the handshake protocol is integrated with a precise algorithm, a 32-bit address. At every interval communication protocols are sent three times. Once it is received it can work reliably.

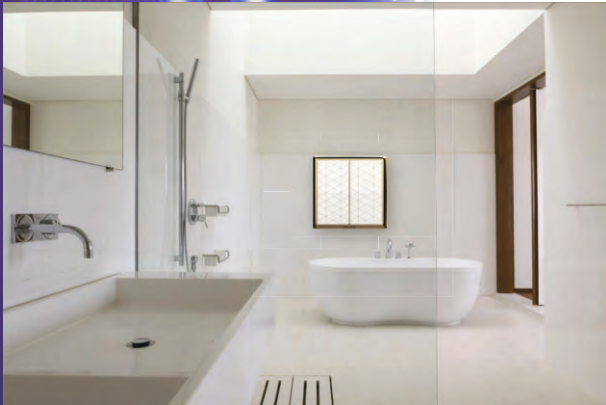


Quinetic Switch Advantages

Cost Saving - It reduces manual labour, reduces construction costs by 30% and speeds up the installation of any new light or load.



Limitless applications - fast installation in any location, easily place the switch on any surface such as glass, marble, wood and metal.



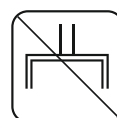
Self Powered



No Radiation



No Maintenance



No Wiring



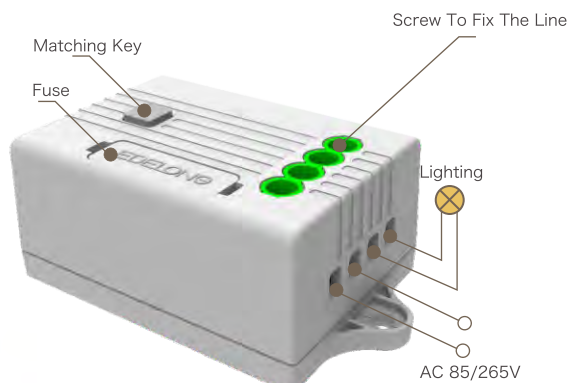
Durable



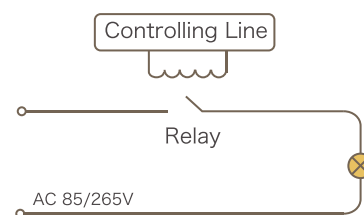
Cost Saving

The Quinetic wireless controller with a high-efficiency switching power supply has a wide voltage range with excellent stability and durability. The interior has a load capacity device implementation of 6A/13A relay. The Quinetic wireless controller is equipped with an in-rush current suppression function that thus creating a safe and durable product.

In order to prevent accidental short-circuit the controller is designed with a replaceable fuse protection. Even if a short-circuit occurs the fuse will immediately protect the controller from damage.



Line Diagram



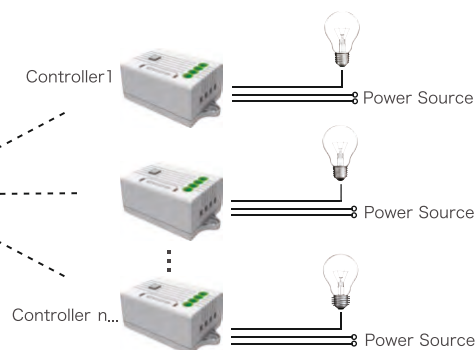
Quinetic Controller Wireless Systems

Wireless Quinetic energy switch and wireless receiving controller can be paired with any combination: a controller can be controlled by a maximum of 10 separate switches, a switch can pair an unlimited number of controllers.

1-Way Wireless System

Single-Multi-Control

Quinetic Wireless Switch

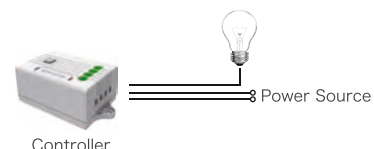


2-Way Wireless System

Quinetic Wireless Switch 1

Dual Control

Quinetic Wireless Switch 2



3-Way Wireless System

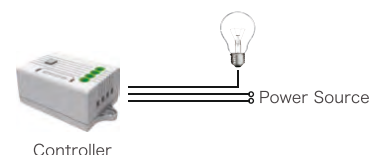
Quinetic Wireless Switch 1

Quinetic Wireless Switch 2

Quinetic Wireless Switch 10



Multi-Single-Control

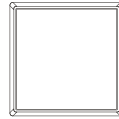


Specifications:

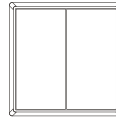


Wireless Switch Specifications:

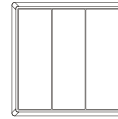
Colours:



1 gang



2 gang



3 gang



White



Silver



Brushed Silver



Brushed Dark Blue



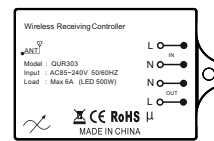
Ivory White with Golden Grids



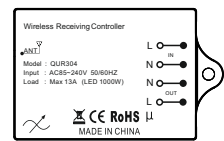
Rose Black

Wireless Controller Specifications:

Model: QUR303
Input: AC85~240V 50/60HZ
Load: Max 6A (LED 500W)

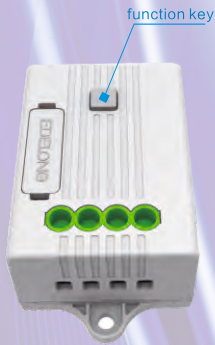


Model: QUR304
Input: AC85~240V 50/60HZ
Load: Max 13A (LED 1000W)



Wireless Receiver & Controller With high reliability

- Can stand 380V AC electric current for 24 hours, over voltage (<600V) will not damage it.
- Max control load 2200W.
- Advanced RF technology, multiple algorithm ensure telecommunication stability.
- For each press and radio transmission, the channel is occupied by the wireless signal for only 1 millisecond, and each transmission is done with 3 septal frames; the control is stable and reliable.
- 32 bit device ID, 4 billions keys, chance of miss control is extremely low.



Basic Control Model:



wireless kinetic energy switch

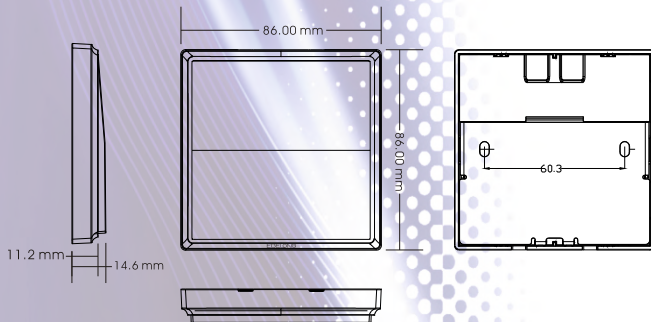


wireless receiver & controller



lamps

Product dimensions:



Wireless Kinetic Energy Switch Parameters:

Quinetic Wireless Switch Specifications:

Work type | 86 size rocker type

Power Source | Micro Energy Acquisition and self-powered

Communication Model | FSK

Work Frequency | 433MHz

Keys | 1-3

Life Time | 200,000 times on/off

Outline Dimensions | L86mm x W86mm x h14.5mm

Weight | 85g-110g

Control Distance | 160m (outdoor) ; 30m (indoor)

Control Method: Pairing with Quinetic Wireless Controller QUR303/304

Quinetic Wireless Controller Specifications:

Power Supply Type | AC85V - 240V, 50/60Hz

Voltage Range | 85V - 240V

Sensitivity | -116dB

Control Load | Max 6A - 1100W(QUR303) / Max 13A - 2200W(QUR304)

Outer Shell Material | DOW PC (fire)V-0

Weight | 25g

Life Time | 200,000 times on/off

Work Environment Temperature | -30~55℃

Control Distance | 160m (outdoor) ; 30m (indoor)

CE certificate | CELVD:SGS LVD GZES 1407007368LM

Control Method: Pairing with Quinetic Wireless Switch