

EVVR

In-Wall Relay Switch



- Exceptionally Small
- No Neutral Wire Required
- No Minimum Load Required





Say 'NO' to limitations!

In-Wall Relay Switch (IRS) is a Zigbee 3.0 device that allows you to remotely control your lights from the comfort of your couch or across the nation. IRS is engineered without the limitations of smart relay switches: no size limitations, no neutral wire required, and no minimum load requirements.

Unique split design

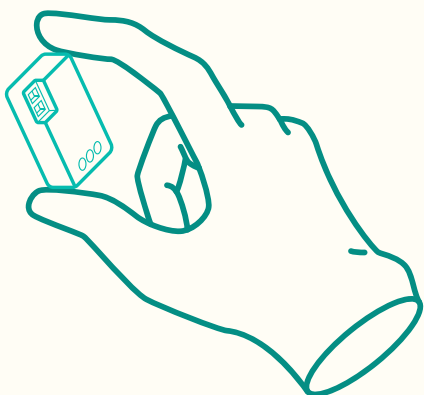
IRS is designed into two parts: Smart Relay and Smart Switch Sub-Assembly. The Smart Relay adds Zigbee 3.0 connectivity to your lights, and the Smart Switch is an optional add-on that connects the relay and your light switches for expanded functionality. The patent-pending design offers uncompromising performance and eliminates many limitations and safety issues with current products in the market.

•Smart Relay



•Smart Switch

World Smallest Switch

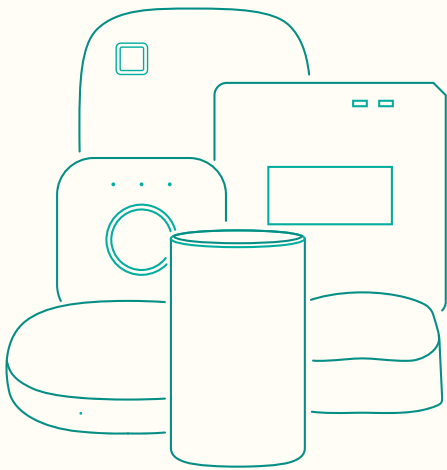
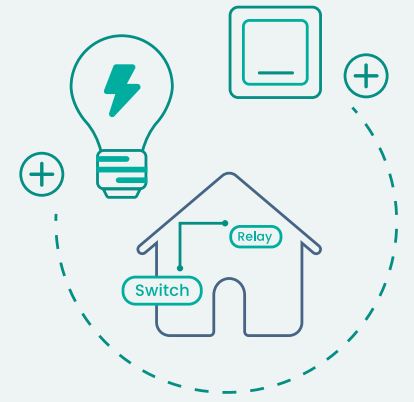


Thanks to its unique design, the Smart Switch part of IRS is smaller than the popular smart switches in the world. With its compact size, it fits in any electrical boxes in the world. It also works with three types of light switch panels: momentary push buttons, toggle push buttons, and smart remote buttons.

*The switch size is based on our own research

No neutral, no problem

IRS is engineered to work without a neutral wire on the light switch. With this feature, a vast number of people around the world can enjoy the convenience of smart lights, without spending a fortune to re-wire the electrical wires inside walls and ceilings.



High compatibility

IRS is compatible with standard Zigbee 3.0 smart home hubs. You can integrate IRS with your favorite smart home hubs, including SmartThings, Amazon Echo (with built-in Zigbee), Aeotec, SONOFF, eWelink, and other third-party Zigbee hubs.

*Only Amazon Echo Plus (2nd), Amazon Echo Dot, have been tested, other Zigbee-enabled Echo devices may not work

No minimum load limitations

Build an eco-friendly smart lighting system with IRS to preserve the environment and save on your electrical bills. IRS works with the most energy-efficient light bulbs and eliminated safety issues such as electrical leakage and light flickering.



Technical Specifications

	Smart Relay	Smart Switch
Model number	SRB01	SS01
Product Size(L*W*H)	59.4mm*39.3mm*21.2mm	33.5mm*28.2mm*17.3mm
Input Voltage	AC 85V~245V	AC 85V~245V
Min. Load Power	No limit	No limit
Max. Load Power	AC 110V/300W AC 220V/600A	AC 110V/300W AC 220V/600A
Operating Temperature	0~40°C	0~40°C
Relative Humidity	5~85%RH	5~85%RH
Wireless Connectivity	Zigbee 2.4GHz IEEE 802.15.4	/
Zigbee Profile	Zigbee 3.0	/
RF Characteristics	Operating frequency: 2.4GHz Rang outdoor/indoor: 60m/30m Internal FPC antenna	/

Supported Loads


Type of Load	Minimum Load Power	Maximum Load Power
Incandescent/halogen	No limit	220V/600W, 110V/300W
LED	No limit	220V/600W, 110V/300W
Fluorescent	No limit	220V/600W, 110V/300W

Note: The Smart Switch is an optional part of the Smart Relay.

Let's collaborate

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