

Wi-Fi Control + Motion Sensor Insert

Product Datasheet

Model Number: WI004UWA

Document Number: DDS50N0072



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Wi-Fi Control Features

- 2.4 GHz Wi-Fi
- User replaceable Insert – no electrician required
- Independent power monitoring on each circuit²
- Works with Amazon Alexa, Google Assistant, Home Assistant, Control 4, Nice Home Management (formerly ELAN) and IFTTT³
- OTA upgradeable firmware

Motion Sensor Features

- PIR Motion Sensor (Wireless Infrared Detection)
- Occupancy/Vacancy detection

¹Swidget wiring device not included with Insert

²Not applicable to Auxiliary and 20/40/60 Control Switch

³3rd party integrations are controlled and managed by external service providers. Swidget makes no warranty that these services will continue to exist or be supported over the full life of the product.

Description

The Swidget product line has been developed to support the easy integration of Home Automation and Smart Home markets with unique and flexible solutions. Designed to be integrated into all major Smart Home protocols, the Swidget Wi-Fi Control + Motion Sensor Insert provides multiple functions. The Wi-Fi connectivity transforms the Swidget base device into a Wi-Fi enabled smart device.

Using the free Swidget App (available for Android and iOS), take control of your Swidget device to perform any number of tasks:

- Power On/Off your outlets and switches
- Monitor your energy consumption
- Schedule devices to conserve energy
- Set multiple automatic notifications including when your power consumption is too high

The Wi-Fi Control + Motion Sensor Insert addition can be used to create sensor-based automations, where motion or occupancy can trigger actions in switches, outlets, send notifications, and more.

When connected to a 2.4GHz Wi-Fi network, the sensor can relay this information to the Swidget app or various control systems, including Alexa and Google Assistant, for use in a variety of applications. As all Swidget Inserts operate on the Class 2 certified interface, an electrician is NOT required for installation or removal.

Modes Of Operations Compatibility

Modes of Operations	15A Outlet	20A Outlet	3-Way Switch	Dimmer Switch	20-40-60 Control Switch	Auxiliary Control Switch
Occupancy/Vacancy mode	Yes	Yes	Yes	Yes	Yes	Yes

Pre-Programmed Rules Compatibility

Rules	15A Outlet	20A Outlet	3-Way Switch	Dimmer Switch	20-40-60 Control Switch	Auxiliary Control Switch
Motion rule	Yes	Yes	Yes	Yes	Yes	Yes
Occupancy detected: Turns ON immediately	1	1				
Unoccupied for 5 minutes: Turns OFF						

¹Controlled Outlet

Specifications¹

Product Number	WI004UWA
Wireless Standard	Wi-Fi 802.11g
Wireless Band	2.4 GHz
Compatible Integrations ¹	Amazon Alexa, Google Assistant and IFTTT
Compatible Devices	Swidget Wiring Devices
Motion Detection Range	3m
Field of View	120°
Vacancy Timer	Adjustable between 1-60 minutes
Electrical Rating	5VDC
Device Upgrades	OTA
Environmental	Indoor installation only
Operating Temperature	-10 - 40°C / 14 - 104°F
Certifications and Compliances - FCC	FCC Part 15 Subpart 15.247
Certifications and Compliances - ISED	RSS-247 Issue 2:2017


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¹Compliances, Specifications And Availability Are Subject To Change Without Notice.

Revision History

Table 1. Wi-Fi Control + Motion Sensor Insert

Product Revision	Document Revision	Date	Comment
A	00	2020-11-01	Initial Release
A	01	2023-08-01	Datasheet format update

Sales	Support	Product Instructions
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