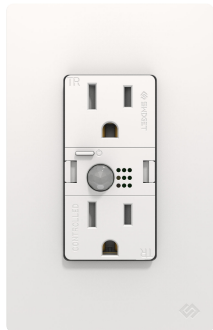# Wi-Fi Control + Temperature, Humidity And Motion Insert
Product Datasheet

Model Number: WI006UWA

Document Number:DDS50N0073

1

Wi-Fi Control Features

- 2.4 GHz Wi-Fi
- User replaceable Insert – no electrician required
- Independent power monitoring on each circuit[2]
- Works with Amazon Alexa, Google Assistant, Home Assistant, Control 4, Nice Home Management (formerly ELAN) and IFTTT[3]
- OTA upgradeable firmware

Temperature, Humidity, and Motion Sensor Features

- Temperature Sensor between –10°C to 40°C (14°F to 104°F)
-
-
- 0 to 100% RH (relative humidity) operating range
- PIR Motion Sensor (Wireless Infrared Detection)
- Occupancy/Vacancy detection

[1]Swidget wiring device not included with Insert

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

[3]3rd 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 + Temperature, Humidity and Motion 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 + Temperature, Humidity and Motion Insert addition can be used to create sensor-based automations, where temperature, humidity, and motion (occupancy) conditions can trigger actions in switches or 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
Bathroom Fan mode	No	No	Yes	No	Yes	Yes
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 Occupancy detected: Turns ON immediately Unoccupied for 5 minutes: Turns OFF	Yes[1]	Yes[1]	Yes	Yes	Yes	Yes
Humidity rule When Humidity increases within 15% compared to the average humidity for more than 0 mins: Turns ON When Humidity returns within 15% compared to the average humidity for more than 5 mins: Turns OFF	No	No	Yes	No	Yes	No

[1]Controlled Outlet

Specifications[1]

Product Number	WI006UWA
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
Temperature Range	-10 - 40°C (±1°C) / 14 - 104°F (±1.8°F)
Relative Humidity Range	0-100% {+/- 5% RH)
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

[1]3rd 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.

Revision History

Table 1. Wi-Fi Control + Temperature, Humidity and 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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[1]Compliances, Specifications And Availability Are Subject To Change Without Notice.

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