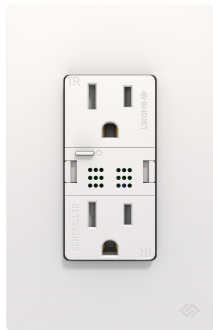


# Wi-Fi Control + Temperature And Humidity Sensor Insert

## Product Datasheet

Model Number: WI005UWA

Document Number: DDS50N0071



1

### Wi-Fi Control Features

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

### Temperature and Humidity Sensor Features

- Temperature Sensor between -10°C to 40°C (14°F to 104°F)
- 0 to 100% RH (relative humidity) operating range
- 

<sup>1</sup>Swidget wiring device not included with Insert

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

<sup>3</sup>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 and Humidity 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 + Temperature and Humidity Sensor Insert addition can be used to create sensor-based automations, where temperature and humidity 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                      |

## Pre-Programmed Rules Compatibility

| Rules  | 15A Outlet | 20A Outlet | 3-Way Switch | Dimmer Switch | 20-40-60 Control Switch | Auxiliary Control Switch |
|--|------------|------------|--------------|---------------|-------------------------|--------------------------|
| Humidity rule<br><br>When Humidity increases within 15% compared to the average humidity for more than 0 mins: Turns ON<br><br>When Humidity returns within 15% compared to the average humidity for more than 5 mins: Turns OFF | No         | No         | Yes          | No            | Yes                     | No                       |

## Specifications<sup>1</sup>

|                                       |  |
|---------------------------------------|--|
| Product Number                        | WI005UWA                                 |
| Wireless Standard                     | Wi-Fi 802.11g                            |
| Wireless Band                         | 2.4 GHz                                  |
| Compatible Integrations <sup>1</sup>  | Amazon Alexa, Google Assistant and IFTTT |
| Compatible Devices                    | Swidget Wiring Devices                   |
| 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                     |


<sup>1</sup>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.

<sup>4</sup>Compliances, Specifications And Availability Are Subject To Change Without Notice.

## Revision History

**Table 1. Wi-Fi Control + Temperature and Humidity 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   |
|--|--|--|
| Corporate Office<br>35 Terry Fox Drive, Unit 201<br>Kingston, ON K7M 8N4<br>1-833-303-3433<br><a href="http://www.swidget.com">www.swidget.com</a> | Live chat:<br><a href="http://support.swidget.com">support.swidget.com</a><br>1-855-202-1144<br><a href="mailto:support@swidget.com">support@swidget.com</a> | <br><a href="http://wi005uwa-qr.swidget.com/">http://wi005uwa-qr.swidget.com/</a> |