

WI-FI CONTROL + AIR QUALITY SENSOR INSERT INSTRUCTIONS

Model Number: WI008UWA

Electrical Rating: 5VDC



The Swidget Wi-Fi Control + Air Quality Sensor Insert is a modular smart home solution engineered for seamless integration with all Swidget wiring devices. Swidget's Wi-Fi Control Devices and Inserts simplify the process of upgrading your home to a smart living space. Swidget Devices are installed in your home just like any other wiring devices, ensuring there is no unnecessary complexity during installation. Once your device is installed, simply select your desired sensor capability, and snap your Swidget Wi-Fi Control Insert into the Swidget wiring device. The modularity of Swidget's Inserts ensures that the solution is adaptable to your needs as they change, and future-proofs your investment by enabling you to adapt to new technologies, sensors, and trends as they emerge.

Wi-Fi Control Features

- 2.4 GHz Wi-Fi
- User replaceable Insert – no electrician required
- Independent power monitoring on each circuit¹
- Works with Amazon Alexa, Google Assistant, Home Assistant, Control 4, Nice Home Management (formerly ELAN) and IFTTT²
- OTA upgradeable firmware

Air Quality Sensor Features

- Measures various components in the air to establish the air quality index
- Combined Air Quality Index (IAQ: 0 - 500)
- Temperature Sensor between -10°C to 40°C (14°F to 104°F)
- 0 to 100% RH (relative humidity) operating range
- Air Pressure Changes (300 - 1100hPa)
- Calculated Equivalent CO2 (eCO2: 400 - 6000ppm) based on IAQ
- Breath Volatile Organic Compounds (b-VOC: 0- 1000 ppb) representing the most important compounds in an exhaled breath of healthy humans

What's Included

- Swidget Wi-Fi Control + Air Quality Sensor Insert WI008UWA x 1
- Packaging with QR on the outside to access the instructions manual x 1

Swidget Wiring Devices

The Insert must be installed in a Swidget wiring device to operate. The following wiring devices are available:



1. Auxiliary Control Switch - S16009WA
2. 20/40/60 Switch - S16008WA
3. Dimmer Switch - SD3001WA
4. 1P/3Way Switch - S16001WA
5. 15A Outlet - R1015SWA
6. 20A Outlet - R1020SWA

The final features and functionalities will depend on your selection of Insert + wiring device combination.

IMPORTANT

This Insert must only be installed and used with an approved/certified Swidget wiring device. Usage with any other devices is not permitted and will result in the warranty becoming void.

WARNING

- While not required, it is recommended to avoid any risk of shock or death, turn off power at the circuit breaker or fuse and test that the power is off before installing or removing any Insert.
- Not for use to control medical or life support equipment.
- For INDOOR use only: 0°C - 40°C (32°F - 104°F).
- Insert can only be installed in one orientation. Rear alignment pins prevent incorrect installation. Do not forcibly install an Insert.
- Do not use Swidget devices to control electric heaters or any other appliances which may present a hazardous condition due to unattended or unintentional or automatic power on control.
- Requires a wireless router and Internet connection for device setup.
- Double check any external Wi-Fi settings for accuracy before using them.
- Actual wireless performance in a home depends on the numbers of walls/obstacles between the Insert and wireless router.

Installation

CAUTION

It is recommended to turn off power at the circuit breaker or fuse and to test that the power is off before installing or removing an Insert.



1. Orient the Insert to line up with the pins in the wiring device cavity.
2. Push Insert into the wiring device cavity until the two side latches engage.
3. Re-enable power to the circuit breaker.
4. The LED on the Insert will blink white for approximately 30 seconds as the device prepares. It will then blink green, for 5 minutes, indicating it's ready for network pairing.
5. For Inserts being moved from a previously paired wiring device, the Insert will power up with the previous location settings.

NOTE

Alignment pins will prevent incorrect installation.

Insert Operation

Wi-Fi Network Pairing/Joining

1. Download the Swidget app from the iOS App Store or Google Play.
2. Open the Swidget app and sign-in or create an account. Tap the + icon on the top right and follow the App's instructions to pair your insert using the Bluetooth pairing method.
3. Ensure the Insert is ready to pair. If the Insert is not in pairing mode, remove the Insert from the wiring device and re-install or perform a factory reset.



Factory Reset

1. Lightly press Insert push button and hold for 12-15 seconds until the LED turns SOLID RED, and then release.
2. The LED on the Insert will blink white for approximately 30 seconds as the device prepares. It will then blink green, for 5 minutes, indicating it's ready for network pairing.
- 3.

IMPORTANT

When a factory reset is performed, all of the insert's information will be deleted, including settings and automations.

Manual Device Switching

1. Lightly press the Insert push button and hold for 1-5 seconds then release. The wiring device will toggle states.

Insert Button Actions

Button press and hold	LED State	Action
Less than 1 sec	No change	None
1 - 5 sec	Green ON or OFF	Manual device ON/OFF toggle
6 - 9 sec	Orange ON	Update network
9 - 12 sec	White ON	Restart device
12 - 15 sec	Red ON	Factory reset
More than 15 sec	OFF	None

Insert LED Information

LED description	Action
White solid	Updating firmware
White blinking rapidly	Initializing
Green blinking x 2	Ready to pair (Discovery Mode)
Red blinking x 2	Ready to pair (notify support)
Blue blinking x 1	Pairing
Orange blinking x 2	Reconnecting to router
Orange blinking x 3	Reconnecting to cloud services
Green solid ^a	Normal Operation (Power state is ON)

^aCan be disabled or inverted in Swidget App

FCC Compliance Statement

This device complies with part 15 of the FCC and ISED Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

¹Not applicable to Auxiliary and 20/40/60 Control Switch

²3rd 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.

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

FCC Note

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important Note:

To comply with the ISED Canada and FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

Swidget FCC/IC

Contains FCC ID: 2AR26-SWIDGETWI100

Contains IC: 24603-SWDTWI10100

Warranty

After having been installed according to your local electrical code and by a certified electrician when applicable, and having been used within normal operating conditions, Swidget Corp. will repair or replace (at Swidget's discretion) any product that fails due to manufacturing defects for a period of 5 years for Swidget Host Devices and for a period of 2 years for Swidget Inserts. Any repair or replacement of defective products will extend the warranty by 90 days or the time remaining on the original warranty, whichever is longer. Post warranty repairs are not available.

Swidget shall not be held liable under this warranty for reasonable wear and tear, or damage(s) caused by the following: misuse, neglect, improper installation, abnormal operating conditions, unauthorized modifications or attempts to repair the product.

Any claims to Swidget made under this warranty shall not exceed the cost of the repairs or replacement of the product.

This warranty applies only to Swidget products purchased from an authorized distributor or retailer, and as such, Swidget reserves the right to request proof of purchase, and reject claims for purchases made through unauthorized distributors or retailers.

Please direct warranty claims to Swidget Corp. by telephone at 1-855-202-1144, email at support@swidget.com with subject Warranty Claim. Each warranty return must be accompanied by a completed Return Merchandise Authorization (RMA) form provided by Swidget Customer Service

Problems Or Questions:

If you have any problems with or questions about the Swidget device or Insert, contact our tech support team: support@swidget.com

For the most up-to-date product support, accessories, user manuals and more, visit www.swidget.com or scan the following QR code:



<http://wi008uwa-qr.swidget.com/>

There are no user serviceable parts in this unit.

