

Product Data Sheet

Micro Open/Closed Sensor

Webee-Centralite- 3323

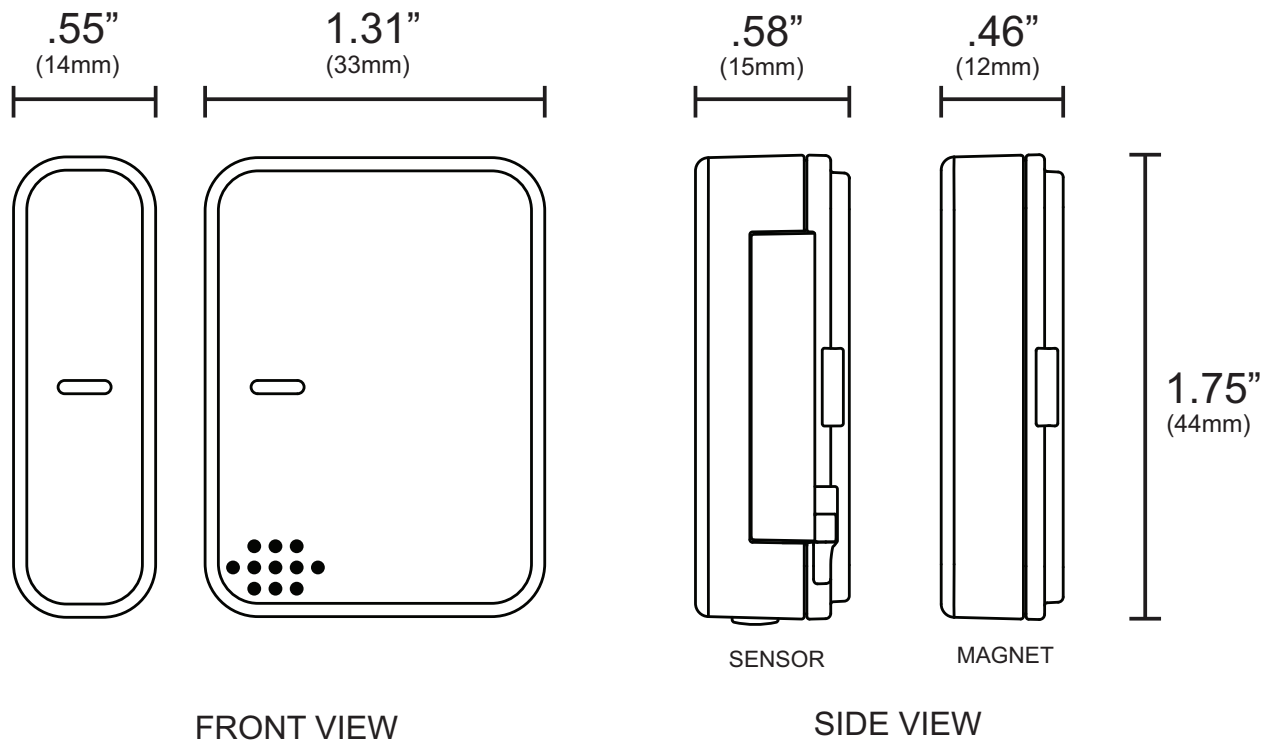
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Product Overview

By detecting the opening and closing of doors and windows, the Micro Open/Closed sensor can wirelessly notify users of arrivals and departures. The Micro Open/Closed sensor consists of a base, mounted to the door or window frame and a magnet to be mounted to the door or window. The Micro Open/Closed sensor is an affordable way to add automation, security, and occupancy sensing to existing connected home systems.

Dimensions



In the Box:

1x - Micro Open/Closed
1x - Magnet
2x - Mounting Brackets

1x - Mounting Adhesive
1x - CR-2450 Battery (pre-installed)

Key Features:

- Hall effect sensor for reliability, long battery life, and increased sensitivity.
- Magnet distance of up to 1".
- Easy-to-install mounting plate for sensor and magnet.
- Built-in temperature sensor
- Easy compatibility with other manufacturers' ZigBee HA 1.2 devices.
- Pull-to-pair joining process.
- Over-the-air firmware updates.

Use Cases

- Receive alerts when doors/windows open or close while you're away.
- Trigger "welcome" or "goodbye" scenes.
- Trigger alarm when doors or windows unexpectedly open.
- Automate lights in closets and small rooms

Receive alerts when doors/windows open or close while you're away.

You can use the Micro Open/Closed sensor to notify you when the kids get home from school or when a repair man leaves.

Trigger "welcome" or "goodbye" scenes.

Your house can now welcome you home as you return from work and conserve energy while you're away. Use the Micro Open/Closed sensor in the morning by having it put thermostats in deep setback and turning off unnecessary lighting.

Trigger alarm when doors/windows unexpectedly open.

While you're away or at night while you're asleep, you want more than just notification of an entry/exit—you want an alarm to be triggered. Pair with an alarm or siren to alert your family and police to intruders as well as deterring burglars from entering the home.

Automate lights in closets and small rooms

Place a Micro Open/Closed sensor on closet and pantry doors to trigger lights to automatically turn on and off. This feature provides extra visibility and safety.

Special Features

Hall Effect Sensor

The Micro Open/Closed sensor features a Hall effect sensor for increased sensitivity, reliability, and reduced size. By eliminating the need for a reed switch, the Hall effect sensor has no moving parts, increasing reliability. This feature also increases the battery life of the sensor.

Easy Mounting Options

The Micro Open/Closed sensor can be installed using either adhesive strips or mounting screws (both included). The easy-to-install mounting plate attaches with a single screw and the sensor simply slides into place on the mount.

Pull-to-Pair Join Process

Micro Open/Closed sensor feature "pull-to-pair" joining. The device ships with the battery pre-installed and all that

is needed to begin the joining process is to pull out a small plastic tab from the bottom of the device. There is nothing for the user to take apart or put back together.

ZigBee Home Automation 1.2 Compatibility

The Micro Open/Closed sensor is fully ZigBee HA 1.2 certified and is guaranteed to function with all open, ZigBee HA 1.2-certified hubs and devices.

Superior Range and Updatability

The Micro Open/Closed sensor supports over-the-air updates providing for seamless upgrades and feature additions without the need for any user interaction.

Getting Started

Step 1: Open ZigBee Network for Joining

Open the joining window pressing "Add device" button on Webee App. After pressing the button, there will be 60 seconds to add any device to the network.

Step 2: Pull Tab from Side of Sensor

Pull the small plastic tab out from the side of the sensor and it will immediately begin searching for a network to join.

Troubleshooting

Step 1: Remove and Replace Battery from Device

Open the battery tray on the side of the device. Remove battery and replace with a new CR-2450 battery. Reassemble and test operation.

Step 2: Factory Reset and Rejoin

Remove battery. Insert a paper clip into the reset hole on the side of the device. While holding down the reset button, reinsert battery to factory reset the device. Repeat the "Getting Started" steps to rejoin the ZigBee network.

Compatibility

The Micro Open/Closed sensor features out-of-the-box compatibility with any ZigBee HA 1.2-certified hub, controller, bridge, or platform.

Technical Specifications

Power

Rated: 3V
Battery: CR-2450 (1x)
Battery Life: Up to 2 years

Environmental

Operating Temperature: 0° to 40°C

Shipping / Storage

Temperature: -20° to 50°C
Humidity Range: 0 to 90% RH.
(non-condensing)

Approvals:



Wireless RF

Protocol: ZigBee HA 1.2
TX Strength: +8 dBm
RF Channels: 16
Range: 130+ ft. (40+ m) L.O.S.
Temp Accuracy: ±0.4 °C (max), -10 to 85 °C

Safety Warnings

NOTE:

For monitored security applications, the sensor should be installed by a certified security installation professional.

Support

For support contact us at
support@webeelife.com.

Standard Warranty

12-month limited warranty on the
Micro Open/Closed Sensor.
