

Product Data Sheet

3-Series Door & Window Sensor

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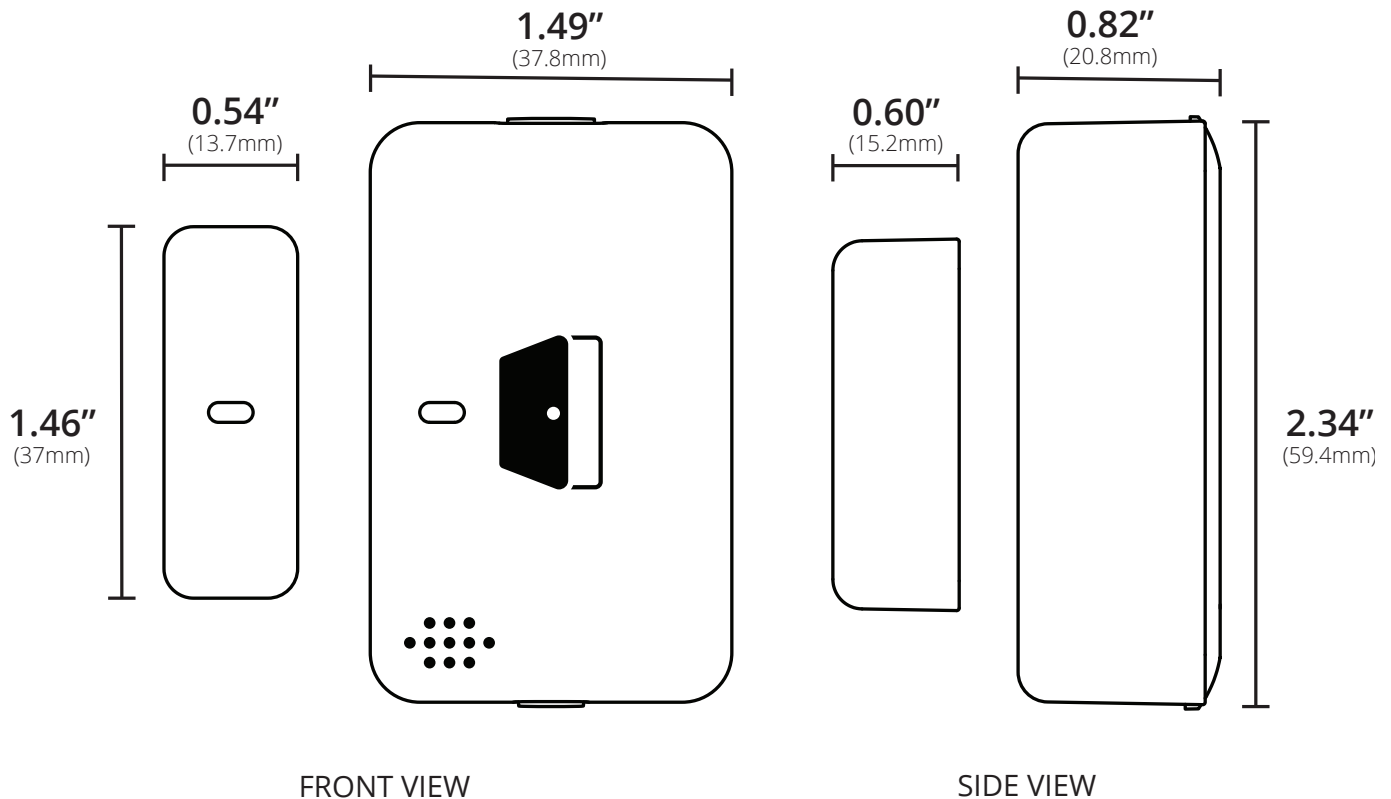


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Product Overview

By detecting the opening and closing of doors and windows, the 3-Series Door & Window Sensor can wirelessly notify users of arrivals and departures. The Door & Window Sensor consists of a base, mounted to the door or window frame and a magnet to be mounted to the door or window. The 3-Series Door & Window Sensor is an affordable way to add automation, security, and occupancy sensing to existing connected home systems.

Dimensions



In the Box:

- 1x - 3-Series Door & Window Sensor
- 1x - Mounting Bracket
- 1x - Magnet
- 1x - CR-2 Battery
- 1x - Quick Start Guide

Key Features:

- Dual reed switch for longer battery life.
- Magnet distance of up to 3/4".
- 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 3-Series Door & Window 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 Door & Window Sensor in the morning by having it put thermostats in deep setback and turning off unnecessary lighting.

Trigger alarm when doors or 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 Door & Window Sensor on closet and pantry doors to trigger lights to automatically turn on and off. This feature provides extra visibility and safety.

Special Features

Dual Reed Switch

The 3-Series Door & Window Sensor features a dual-mode reed switch that automatically configures itself for doors that normally stay open or doors that normally stay closed. This feature can significantly increase the battery life of the sensor.

Easy Mounting Options

The 3-Series Door & Window 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

All 3-Series sensors 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 3-Series Door & Window 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 Door & Window Sensor also 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

Using your controller or hub's interface, enable the ZigBee network for joining.

Step 2: Pull Tab from Bottom of Sensor

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

Step 2: Finish Joining at Hub (optional)

Some hubs and controllers require additional steps such as naming or categorizing the device.

Troubleshooting

Step 1: Remove and Replace Battery from Device

Slide the sensor off the mount and remove cover. Remove battery and replace with a new CR-2 battery. Reassemble and test operation.

Step 2: Factory Reset and Rejoin

Slide the sensor off the mount, remove cover, and remove battery. 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 3-Series Door & Window 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-2 (1x)
Battery Life: 2 to 3 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: +18 dBm
RF Channels: 16
Range: 130+ ft. (40+ m) L.O.S.
Temp Accuracy: ± 1.8 °C (max), -10 to 85 °C
Precision: ± 0.1 °C

Safety Warnings

NOTE:

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

Support

Centralite offers both Tier-1 and Tier-2 support structures to meet the needs of different customers. For those customers that provide existing, in-house support for systems, Centralite can serve as Tier-2 support specialists. For Centralite retail-branded products, Centralite provides direct Tier-1 support for all products.

Standard Warranty

Centralite offers a standard 12-month limited warranty on the 3-Series Door & Window Sensor.

Additional mandatory warranty period in compliance with local law product is being sold.

Contact Sales

For more information about sales or distribution, please contact:

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