

Innovative Open/Close sensor



MerryIoT Open/Close

Best-in-class integrated 4-in-1 open/close sensor

Open/Close, Temperature, Humidity, Vibration/Tamper



This product integrates seamlessly with Amazon Sidewalk to ensure that you have a better connected device experience.

Signal coverage test button



Low-power consumption to increase battery life time



Built-in alarm buzzer with min 80 dB



Device movement/ tilt/vibration/ tamper notification

Long-range coverage over Amazon Sidewalk's 900MHz wireless network



Press-and-play installation and no tools needed



Easy to manage with MerryIoT app for both iOS and Android



Description

The MerryIoT Open/Close sensors give you a peace of mind, anywhere, anytime.

Get real time alerts at the exact moment you have unexpected guests, broken windows, opened safes, an opened mail box or escaped pets. Even a tamper attempt!

The sensors are removable, movable and easily placed at most doors or windows.

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Radio / Wireless

Frequency: US 902~928 MHz

Antenna Gain: -2dBi Peak

RF Sensitivity: -135dBm

Wireless Connectivity: Amazon Sidewalk LoRa

Power Supply

Battery Type: 3.6V ½AA Li-SOCI2 x 2pcs, 2400mAh

Expected Battery Lifetime: Up to 5 years

(Note: Service life varies to the operating conditions.)

Min. Current: 40uA(Sleeping mode)

Operating Conditions

Temperature: 0 to 50°C

Indoor use (IP40 equivalent)

Sensors

Hall-Effect Sensor

- Detection range: 1 cm

Temperature Sensor

- Measurement range: -40°C -125°C
- Accuracy: ±(1°C)

Humidity Sensor

- Measurement range: 0 %RH - 100 %RH
- Accuracy: ±5 %

Three-Axis Linear Accelerometer

- 3 sensitivity levels: High/Mid/Low

Mechanical Specifications

Dimensions: 90 mm x 25 mm x 40 mm;
(Magnet) 40mm x 15 mm x 10 mm

Weight: 100 g

Certification & Compliance

Type Approval: CE/FCC/IC

Qualification: Works with Sidewalk

What is Amazon Sidewalk?



Amazon Sidewalk – Connecting Wireless IoT Devices at Homes and Beyond

Amazon Sidewalk connects homes and communities together. It is a shared network that helps devices connect to the Internet and work better. Many Ring and Echo devices can act as a Sidewalk Bridge via Bluetooth and the 900MHz spectrum to provide a secure connection for low-bandwidth devices in the home and around the neighborhood. Customers with an Amazon Sidewalk Bridge contribute a small portion of their internet bandwidth, which is pooled together to create a neighborhood network that benefits all Amazon Sidewalk-enabled devices in a community. This helps MerryIoT devices stay connected with Amazon Sidewalk coverage and no recurring fees for customers to access Sidewalk.

How MerryIoT and Amazon Sidewalk can benefit your daily life.

MerryIoT provides a complete solution for your home and asset monitoring that helps increase a level of security and safety to your property and loved ones. With the help of Amazon Sidewalk, all MerryIoT smart devices stay connected and continue to work over longer distances. A nearby Amazon Sidewalk gateway will pick up messages from the connected MerryIoT device and route them to the MerryIoT application via an integrated AWS cloud with multiple layers of data encryption for customer privacy protection.

Today, Amazon Sidewalk include many Echo devices and select Ring devices that securely connect Sidewalk-enabled endpoints to the Amazon Sidewalk network and provide services to you and your neighbors.

