

MerryIoT Open/Close

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

Open/Close, Temperature, Humidity, Vibration/Tamper

Signal coverage test button



Years of battery life time



Built-in alarm buzzer
with min 80 dB



Device movement/
tilt/vibration/
tamper notification

Thousands ft.
long range coverage
between the hub
and the sensor



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.

Radio / Wireless

Frequency: EU 868 MHz; US 902~928 MHz

Antenna Gain: -2dBi Peak

RF Sensitivity: -135dBm

Protocol: LoRaWAN1.0.3

Power Supply

Battery Type: 3.6V ½AA Li-SOCl₂ x 2pcs, 2400mAh

Expected Battery Lifetime: Up to 5 years

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

Average Current: 135mA max / 100uA min

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

Regulatory Certification

Type Approval: CE/FCC/IC