



The Vela Door Sensor is a long-range, low-power door and window sensor supporting LoRaWAN wireless protocols. The sensor provides configurable real-time alarms or regular reported statistics.

The sensor can be readily attached to doors, windows, drawers or other equipment. The base unit detects the presence of a strong magnetic field (provided by the included magnet). Small and low profile, the sensor can be used for a wide variety of applications where magnetic triggered events or counting is required.

The sensor is powered by a two AAA batteries providing 2+ years of operation in normal conditions. Batteries can be easily replaced.

The sensor can be configured to provide open/closed/timeout alarms, and/or provide regular reports regarding event counts, and event total and average durations. The sensor has temperature monitoring, alarm functions, and battery charge remaining notifications.

Features

Remotely Configurable Alarms:

- Door open, closed, open-timeout events
- Temperature thresholds

Administrative Alarms: low-battery, device reset

Remotely Configurable Reports

- Door event statistics
- Temperature Statistics

Long Range: typical 300 to 500 meters

Applications

- Smart Buildings and Home Automation
- Security / Intrusion Detection
- Metering and Logistics

Specifications

LoRaWAN v1.03 Class A device

U.S. 923 MHz, E.U. 868 MHz, China 470 MHz, and other frequencies available

Sensor Magnetic Trigger Distance: 0.3 – 1 inches
(8 – 25 mm)

Dimensions:

Door Sensor [L x W x D]: 3.27 x 1.22 x 0.59 inches
(83.06 x 30.99 x 14.99 mm)

Magnet [L x W x D]: 2.48 x 0.44 x 0.47 inches (62.99 x 11.18 x 11.94 mm)

Environmental: -4°F – 122°F (-20°C – 50°C),

Humidity Range: < 95% non-condensing

Multi-color status LED (front)

Set button (front)

Power: 2 AAA batteries (3V DC)

For more information please visit www.codepoint.xyz
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