



COMMERCIAL WINDOW / DOOR OPEN-CLOSE SENSOR

LoRaWAN® Magnetic Contact Sensor

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KEY FEATURES

- ◆ **Instant Open/Close Detection:** Magnetic sensor instantly detects door or window status.
- ◆ **Open-Duration Alarm:** Sends an alert if a door or window remains open longer than a user-defined interval.
- ◆ **Compact Design:** Small form factor for discreet installation on any frame or surface.
- ◆ **Configurable Reporting:** Choose between event-based or periodic data uploads to optimize battery life.

DEVICE OVERVIEW

The ioX-Connect LoRaWAN® Window/Door Sensor provides **real-time open/close monitoring** for doors, windows, cabinets, and other access points. Designed for commercial and light industrial use, it instantly detects door or window movement and transmits the event data to the ioX-Connect platform.

Powered by **two standard AAA batteries** (not included), the device is engineered for long-term, maintenance-free operation—supporting between **16,000 and 70,000** uplink transmissions. With configurable reporting modes, users can choose to receive an uplink for every open/close event or aggregate counts for periodic uploads. The built-in **open-duration alarm** alerts users when a door or window remains open beyond a set threshold, helping enhance security and operational awareness.

Pre-provisioned with unique keys, each unit can be **claimed and connected instantly** on the ioX-Connect platform for seamless onboarding.

TECHNICAL FEATURES

- **LoRaWAN Version:** v1.0.3, Class A
- **Detection Type:** Magnetic Door/Window Open-Close\
- **Power Supply:** 2 × AAA (LR03) batteries – not included
- **Battery Life:** 16,000 – 70,000 uplinks (usage dependent)
- **Alarm Function:** Configurable open-duration alert
- **Reporting Modes:** Periodic + Event-Triggered
- **Configuration:** Remotely via ioX-Connect platform (downlink)
- **Operating Temperature:** -20 °C to +60 °C
- **Frequency Bands:** EU433 / US915 / EU868 / AS923 / AU915 / IN865
- **Dimensions / Weight:** 40 × 15 × 15 mm | 77 g

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