



The CS1000 is a long-range, low-power door and window sensor supporting LoRaWAN or Coralink wireless protocols. The sensor provides configurable real-time alarms or regular reported statistics.

The sensor can be readily attached to doors, windows, or drawers and 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 CS1000 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 CS1000 has temperature monitoring and 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
- ◆ Peer to Peer Communications (Coralink only)
- ◆ 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, Coralink™ 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)
- ◆ Multi-color status LED (front)
- ◆ Set button (front)
- ◆ Power: 2 AAA batteries (3V DC)

For more information please visit

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