

MAGNETIC OPEN-CLOSE DOOR SENSOR

Overview

NETOP Magnetic Open-Close Door sensor is a long range wireless sensor which can be used for opened/closed applications that provide information on the status of doors, windows, cabinets, etc. So it could be monitored that there is any entrance into security room which is not allowed, or if a door or window has been left open. This sensor is compatible with LoRaWAN technology. The standard version of this sensor is powered by one replaceable 3.6 V AA sized battery (included with purchase).

Key Features

- Real plug & play
- Easy to mount & install
- Compatible with LoRaWAN™ specification
- Maintenance free – install & forget
- Secure communication
- Ultra Low Power Consumption
- Certifications: LoRaWAN™, CE



Communication Specs

- The sensor uses Low Power Wide Area Network-LPWAN technology(LoRa) for connectivity
- Compliant with AS923, AU915, EU868, KR920, IN865 or US915 MHz ISM bands
- Low power consumption
- Long range wireless data transmission(upto 15km)
- Antenna Types: Internal(default) or External(depend on request) Antenna
- Radio Performance : Upto +14 dBm TX power and -137 dBm RX sensitivity

Mechanics

- Housing: ABS
- Dimensions: 65 x 55 x 27 mm
- Operating temperature: -40°C to +85°C

Data Security

- AES-128

Power Supply

- AA Battery 3.6 V Li-SOCl₂-Soft LS 14500 (Standard 1 piece)

Indicators

- RGB Status LED (on board)

Sensor Specifications

Operation Time	:	1 s(max)
Output	:	Open or Close
Data Transmission Period	:	Every detection

Certifications & Reliability

- LoRaWAN™ Certified
- CE
- EN 62479
- EN60950
- EN 301 489-1
- EN 301 489-17
- EN 300 328

Applications

- Restricted Area Monitoring
- IT server Rooms and closets
- Freezer and Cooler's doors
- Garage Door Monitoring
- Property door and window access
- Shipping cargo bay door monitoring