

# 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 fully compatible with LPWAN technology by using NB-IoT(Narrowband-IoT). 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
- Maintenance free – install & forget
- Excellent Extended Range in Buildings and Underground
- Easy deployment utilizing cellular system
- Micro SIM(default) or Chip SIM Card(depend on request)
- Ultra Low Power Consumption
- Certifications: CE, RoHS



## Communication Specs

- The sensor uses LPWAN technology; Narrow Band IoT (NB-IoT) for connectivity
- Supported bands including B1/ B2/ B3/ B4/ B5/ B8/ B12/ B13/ B18/ B19/ B20/ B26/ B28
- Internet Protocol Feature: Support IPv4/TCP/UDP
- Full duplex communication
- Extended Coverage: 10-15km with 164 dB maximum coupling loss (MCL)
- Antenna Types: Internal(default) or External(depend on request) Antenna

## 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

- 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