

# Door Sensor

## Quick Install Guide

### Introduction

DS0001 is a wireless magnetic door sensor developed by BOSMA. It has real-time detection of door and window opening/closing. Modern design, smooth lines, very good with home decoration. High sensitivity within 100 meters distance of the host has a very high sensitivity. There is a code setting between the door magnetic sensor and the host, and its unique address code is learned to the host when the code is aligned. This sensor is a separate trigger type. When the location of the magnet and the emitter moves more than 2cm, the emitter will immediately send an alarm signal to the alarm host, which will be pushed to the mobile phone to inform the user, In case the intruder who tries to sneak in from doors and Windows.

### Parameter

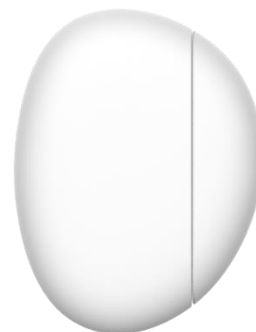
Type: DS0001

Wireless range (open area): 200 m

Radio Frequency: 915MHZ

Static Voltage: DC 3.0V (Use a button battery)

Current consumption: Static Current $\leq$ 10 $\mu$ A    Alarm Current $\leq$ 25mA

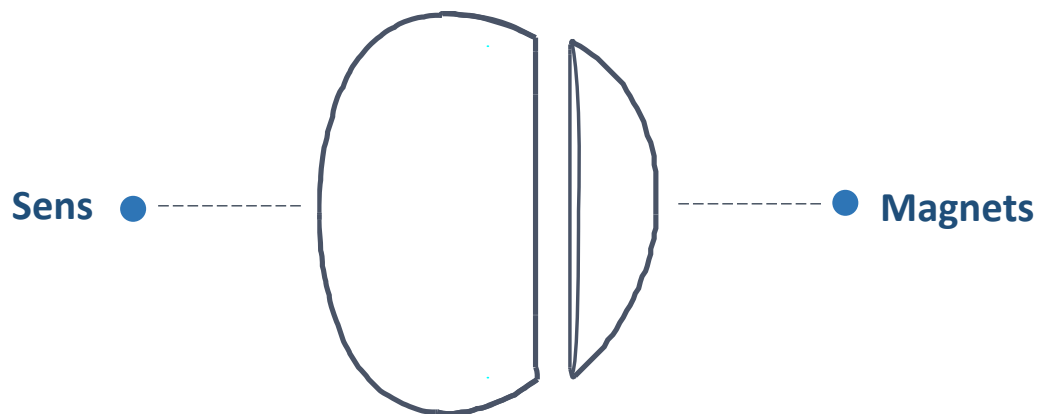


Work Temperature:  $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Appearance specifications: 60.2\*45.7\*12mm

Color: White

## Feature



This product uses the principle of magnetic adsorption. When the sensor and the magnet are separated beyond a certain distance (about 2cm), the associated equipment will receive an alarm message.

## Install Guide

### 1. Add device

- \* First, Set up the device with gateway (BOSMA-X1) according to its instructions and APP guidance to ensure that it is in working state.
- Tap “+” button at the top-right corner to add device
- Wake up equipment, long press the door magnetic switch (pictured).
- Follow the instruction inside the application to bind the device to your account.



## 2. Matters needing attention

\* Please pay attention to the following situations before installation, so as to avoid failure use after installation.

- Don not install in the outdoor easily damaged location.
- Do not install to the base is not strong.
- Do not install near the magnetic.

## 2. Select the installation location

Suit door, window, Drawer and so on that most place is prevented, at the same time door magnet prevents lampblack, moisture, also apply to kitchen and toilet.

Tear off the foam tape, then sticker the door magnet to the selected position, as shown in the figure below.



**Caution:**

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Note:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.