

# Door Alarm Sensor



## Description

The door alarm sensor from *Smart Box & GeoPortal* records openings, closings and other movements. Its small size makes it ideal for mounting on door frames, window panes and other objects.

### Applications:

- Remote alarms
- Detection of doors and windows tampering
- Detection of movements of objects
- Smart Buildings

## Operation

The sensor consists of an electrical switch operated by an applied magnetic field (reed switch).

The sensor records whether a door or window is open or closed. Additionally, it offers an integrated accelerometer that detects movements.

It is configured to send alerts through our portal. System alerts are sent as they occur (in real time) by Telegram or by email.

## Main Features

- Uses the LoRaWAN technology
- Range of the wireless network: 3 km
- Detects and registers openings, closings and movements
- Easy installation on any flat surface
- Wireless and battery-operated
- Easy to install and maintain

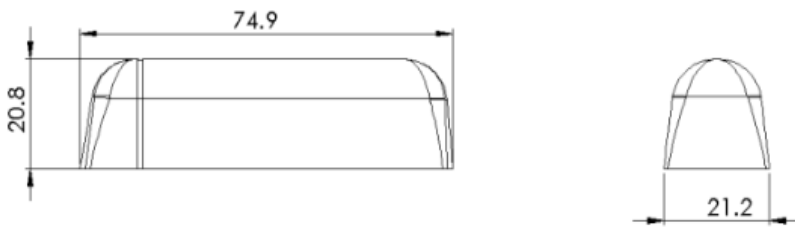
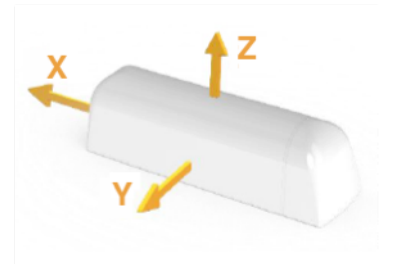
**LoRaWAN™**



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# Specifications

Battery	
Type	1 x 3.6V AA Lithium 14505 (Li-SOCl <sub>2</sub> )
Lifespan	3 years
Acceleration	
Range	± 2.0 g
Sensitivity	16 mg/digit
Sample rate	10 Hz
Distance	
Maximum distance of detection	10 mm
Physical configuration	
Dimensions (L x W x H)	74.9 x 21.2 x 20.8 mm
Weight	30 g (battery included)
Conditions of use	
Humidity	0 to 85% RH (without condensation)
Temperature	0 to 40 °C



Dimensions of the sensor in mm

