

# INGENIUM® ZB Magnetic On/Off Sensor



The INGENIUM® ZB Magnetic On/Off Sensor is an important member of a Smart Home. It connects with the INGENIUM® ZB Gateway and can be used to turn on lights automatically whenever a door or a window is opened. It can also work together with INGENIUM® ZB PIR Sensors to provide a total home monitoring package against intruder breaks in. Instant notification# will be sent to a smartphone whenever a sensor is being triggered.

# Subscribe the INGENIUM® Pro service to enjoy this and many other enhancement features.

## Key Features & Benefits

- Connects with INGENIUM® ZB or other major Zigbee compatible systems to enable open / close detection, lighting automation and home monitoring.
- Hub Integration: Works as a sensor in Amazon Alexa and Google Assistant when combined with INGENIUM® ZB gateway (sold separately). It can also be connected directly to the Amazon Echo Plus/ Echo Show/ Echo Studio and other ZigBee systems such as Samsung SmartThings.
- Installation free: Simple and no wiring needed. It can be attached on any surface of door, window, cabinet, etc.
- Magnetic On/Off Sensor can be connected to your gateway to automatically switch your lighting on when you open a door.
- Notification#: A sensor will send you notifications straight to your smartphone when a door or window is opened or closed.
- Long-lasting operation: Up to 1-year battery life will keep it monitoring your home for a long time to come.

## Applications

- Residential
- Small business

## Compatibility



## GENERAL INFORMATION

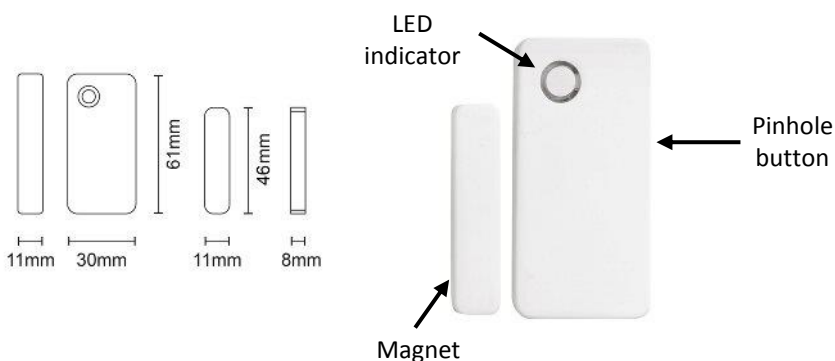
|                       |   |
|-----------------------|---|
| Input Voltage         | 3V CR2032 1pc (included)  |
| Battery Life          | Up to 1 year  |
| Contact distance      | ≤ 10 mm   |
| Protocol              | Zigbee  |
| Frequency Band        | 2400 – 2483.5MHz  |
| Operating temperature | -10°C—55°C  |
| Operating humidity    | ≤ 90%RH   |
| Housing Material      | Polycarbonate (PC) & ABS  |
| IP Grade              | IP40  |
| Approvals             | 2014/53/EU, 2014/30/EU, 2014/35/EU, 2012/19/EU,<br>2011/65/EU, EN 300328, EN 300440, EN 301489, EN 62479,<br>EN 60950<br>Zigbee Home Automation |

## PRODUCT INFORMATION

| Model No. | MM Code            |
|-----------|--------------------|
| MS601/z1  | 406330/<br>MM09453 |

## DIMENSIONS & WEIGHT

| Model No.         | L<br>mm | W<br>mm | H<br>mm | Weight<br>g |
|-------------------|---------|---------|---------|-------------|
| MS601/z1 (sensor) | 30      | 61      | 11      | 17          |
| MS601/z1 (magnet) | 11      | 46      | 8       | 8           |



## LOGISTIC INFORMATION

| Model No. | Packaging Unit<br>pcs/unit | Outer Box Dimensions |         |         | Gross Weight per<br>Outer Box<br>kg |
|-----------|----------------------------|----------------------|---------|---------|-------------------------------------|
|           |                            | L<br>mm              | W<br>mm | H<br>mm |                                     |
| MS601/z1  | 60                         | 427                  | 322     | 215     | 5.3                                 |