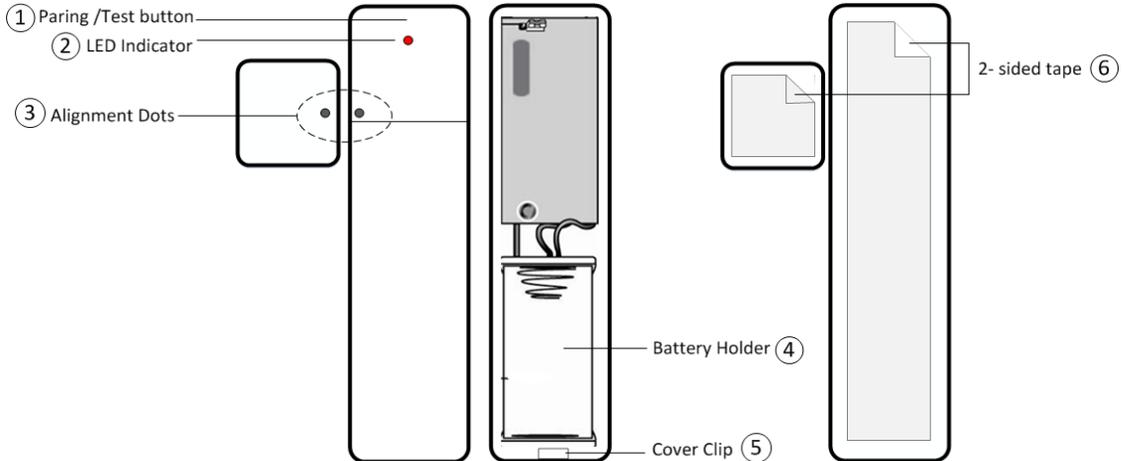


Adding, installing and testing the Door/Window Sensor



1. **Pairing and Test Button** (Press when adding sensor into gateway or to place sensor into test mode)
2. **LED Test Indicator**
3. **Alignment Dots** (Must be aligned and close together, the door contact should be installed either upright or inverted, to ensure that the dot on sensor faces the dot on magnet.)
4. **Battery Compartment** (Energizer 3V CR2 Lithium Battery)
5. **Cover holder Clip** (Press clip in to remove cover)
6. **2-Sided adhesive tape** (Install on back of sensor, and magnet. Peel off protective film)

LED indicator

In Normal operation mode, the LED indicator remains off except in the following situations:

- When Low battery condition exist (LED Flashes when sensor is used)
- When sensor is activated and transmitting the signal under the Test mode condition (LED flashes)

Battery

The sensor uses one 3V CR2 type Lithium battery as its power source. The sensor can detect if the battery is low and sends a low battery signal to the gateway and mobile and web app. The LED will light up when it's activated under low battery status. When battery voltage drops to 2.2V, the sensor will stop all function, and the LED will flash every 4 seconds. Battery life up to 10 + years.

Changing Battery

After the battery has been removed from the sensor, press the Learn / Test button 5-6 times to fully discharge before inserting the new battery. Due to the battery characteristics, after inserting a new battery to the sensor, it will self-check whether this battery is working properly or not within 16 minutes after the insertion. If there is a problem with the new battery, the sensor will send a low battery signal to the mobile and web app.

Door /Window sensor information

Supervision

The sensor will automatically transmit supervisory signals periodically to the gateway at random intervals of 30 to 50 minutes in Normal Operation Mode.

If the gateway has not received the signal from the sensor for a preset period time, the gateway will indicate that the sensor is experiencing an out-of-signal problem.

Test mode

The sensor can be put into Test mode by pressing in the top of the sensors front cover one time. In Test mode, it will enable the red LED indicator to flash 6 times when the door is opened and 6 times when the door is closed. This test will last for a period of 3 minutes. Each press on the Test Button, will transmit a test range signal to the gateway and extend the test mode for another 3 minutes. It will exit Test Mode automatically after the 3 minutes times-out and returns to Normal Operation mode.

Adding the sensor to the gateway. (If your sensor was part of the abode kit, the sensor should already be added to the gateway and the following step: # 2 for the instructions for adding the sensor to the gateway can be skipped)

Step 1: Slowly pull out the clear plastic battery Insulator tab located on the back on the of the door/window sensor.

Step 2: Use the mobile or web app to add the device to the gateway. Follow the instructions provided on the app.

Mounting the sensor

There are two Self-adhesive strips included with the Sensor and Magnet

Self adhesive installation

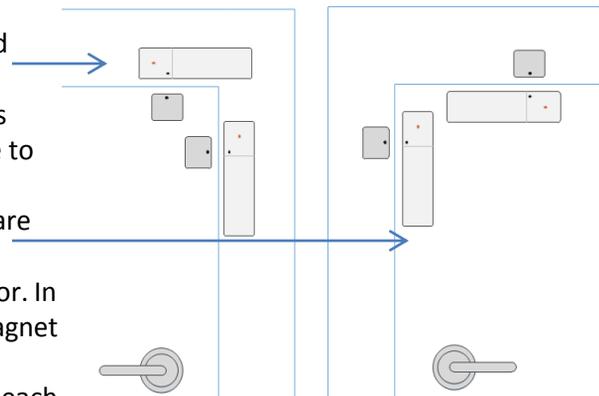
Remove the protective covering from the one side of the double-sided adhesive pads and firmly apply to the back of the sensor and the magnet.

Prior to installing the sensor in your chosen location, take a moment to inspect the location to insure the sensor and the magnet will fit and accurately line up properly with each other. If the magnet is too far away from the sensor, the sensor will not detect when the door or window is opened or closed.

We recommend installing the sensor on the fixed location (such as door, or window frame) and mount the magnet on the moving object (such as door, or window) as illustrated on the first figure to the right.

In some instances the door and the door frame are not level with each other and the door frame protrudes further out than the surface of the door. In this instance it may be necessary to place the magnet on the frame and the sensor on the door.

The alignment dots must be close as possible to each other and no more than 1" gap is preferred.



Placing the Sensor in the desired location

Clean the surface with a suitable non oil based cleanser before placing the sensor and magnet on the selected location .

1. We recommend placing the sensor in its desired position first
2. Then, enable the test feature on the sensor by pressing in the top of the sensor once. This will place the sensor in the test mode.
3. Hold the magnet close to the sensor and align the magnet with the sensor using the alignment dots. As you move the magnet close to the sensor, you will notice that the red LED on the sensor will flash 6 times and then stop. When pulling the magnet away from the sensor the LED will flash 6 times to indicate the sensor is being activated by the magnet.
4. The magnet must be placed an a position so that when the door opens or closes, the sensor will be activated. The LED light test will last for a period of 3 minutes then return to normal operation. The sensors LED light does not light up during normal operation.

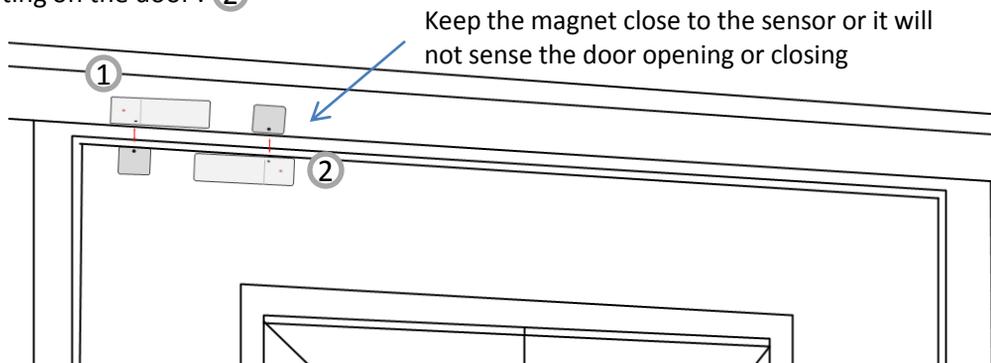
Next remove the protective film from the adhesive strip on the magnet and press it to the desired location.

Do not install on a surface with peeling or cracked paint, this could result in the sensor or magnet to fall off and damage the sensor and trigger the alarm if system armed.

After sensor and magnet are installed. Place the sensor in the test mode again and make sure the sensor LED flashes when the door is opened and closed.

Next, lock the door and shake the door to insure that the LED does not flash do to too much play in the door.

Illustrations below show preferred sensor mounting on the door frame **①** and optional sensor mounting on the door . **②**



When additional 2 sided tape is needed for sensors and device mounting, we recommend using Scotch 1' Extreme Mounting Tape. It's a thin, non foam tape that has good holding power in both high and low temperatures.