



# Tilt Sensor User Guide

**Tilt Sensor** is a full-featured security transmitter with industry-leading wireless range and battery life. It is typically used to sense the tilt of overhead doors and windows. It will alarm when the sensor is tilted to a certain degree on the mounted space.

## Features

- Industry-leading wireless range and battery life
- Secure encrypted wireless transmissions
- 3 year warranty

**Enroll** by sending an enrollment signal from the sensor with the help of an installation specialist.

### Options for sending an Enrollment Signal

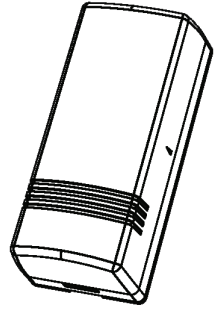
- Remove the battery tab, OR
- Remove the cover to trip tamper

**Install** by mounting the sensor on a door or window using the attached 3M VHB tape to adhere the tilt sensor. The sensor should be mounted on the inside of the frame that tilts when opened.

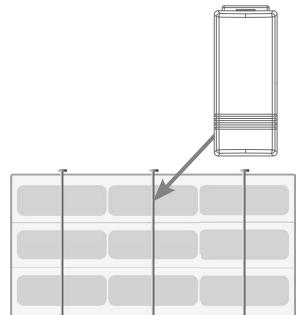
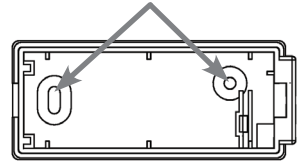
### Options for installation

- Install on the inside of any window that tilts to open. Placement should be in the top corner of the desired window.
  - Install on the inside of a garage door. Best placement practice is to mount the sensor in an upright position, in the top, middle panel of the door.
- See **Pro Tips** for recommendations about using 3M VHB tape

**Tilt Sensor Alarms** when the sensor is tilted more than 45 degrees



Mounting Screw Holes  
(optional)



## Pro Tips

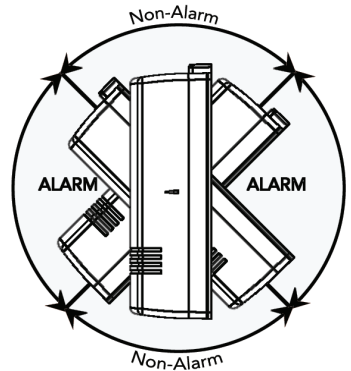
**Wireless tilt sensor** goes into alarm stage when it exceeds a 45 degree angle. If the sensor rotates further than 135 degrees, it is likely to remain in a non-alarm state. For best results, the sensor should rotate within 90 degrees to ensure an alarm state occurs.

**To replace the battery** remove the cover by depressing the top with your finger. Replace battery and reinstall the cover.

**3M VHB Tape** works great if the surface is properly prepared and firm pressure is applied for over 10 seconds.

### Surface Preparation

- Clean the surface
- Ensure the mounting surface temperature is above 50 °F (10 °C)



## Specifications

Physical	
Housing Dimensions	3.25 x 1.40 x 1.05 inches (8.3 x 3.6 x 2.7 cm)
Weight with Battery	1.90 ounces (54 grams)
Mounting Fastener	3M VHB Tape or #4/#6 screws (not provided)
Environmental	
Operating Temperature	32 to 120 °F (0 to 49 °C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	433.92 MHz
Replacement Battery	One CR123A
Nominal Battery Life	10 to 15 years
Battery Voltage	3.0 VDC (Nominal), 2.2 VDC (Low)
Transmitted Indications	Cover Tamper, Low Battery, Supervision

*Specifications subject to change without notice.*



TILT SENSOR – 010

Tech Support:

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[www.thinkprotection.com](http://www.thinkprotection.com)