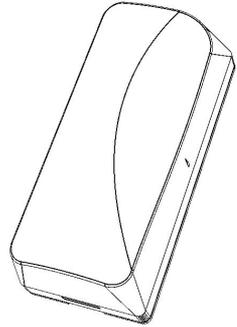


**Tilt Sensor** is a full-featured security transmitter typically used to sense the tilt of overhead garage doors and windows. It will alarm when the sensor is tilted more than 45 degrees.

### Features

- Industry-leading wireless range and battery life

**Enroll** by placing the panel into wireless enrollment mode and then sending an enrollment signal from the sensor.



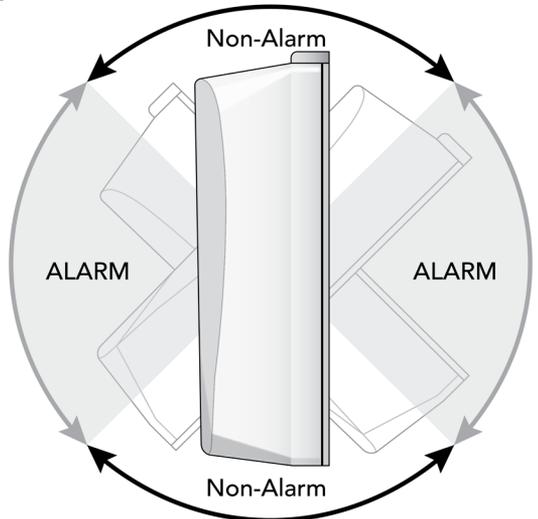
### **Sending an Enrollment Signal**

With the battery tab removed, open the cover to trip tamper.

**Install** by mounting the sensor to the inside of a door or window using the mounting screw locations. For garage door installations, the sensor should be mounted to the top panel of the overhead door. This ensures that the sensor closes only when the door is fully closed, and is best for RF range.



**Tilt Detection** occurs when the sensor 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.



Use the panel installation guide to verify proper system setup.

## Pro Tips

**3M™ VHB™ Tape** works great for mounting 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

## 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	#4 or #6 screws (not provided)
Cover Securing Screw (optional, not provided)	Pan Head, #1 x .25in, A/AB Thread Forming (sheet metal) screw, McMaster 90190A051
Environmental	
Operating Temperature	32 to 120 °F (0 to 49 °C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	319.5 MHz
Replacement Battery	One Panasonic® CR123A
Nominal Battery Life	10 to 15 years
Battery Voltage	3.0 VDC (Nominal), 2.2 VDC (Low)
Current Draw	20 mA (Maximum), 0.6 uA (Quiescent)
Transmitted Indications	Cover Tamper, Low Battery, Supervision
Certification	
RE106M	FCC, IC

*Specifications subject to change without notice.*

### FCC NOTICE

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.
- (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Alula could void the user's authority to operate this equipment.

FCC ID: U5X-RE101

### IC NOTICE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux cnr d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation

est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC: 8310A-RE101

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