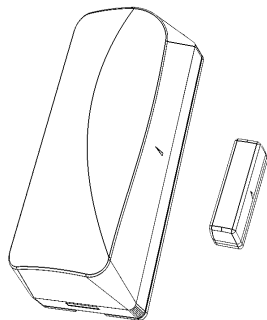


**Door Window Sensor** is a full-featured security transmitter with industry-leading wireless range and battery life. It is typically used to sense opening and closing of doors and windows, but can secure just about anything using its external contact zone.

### Features

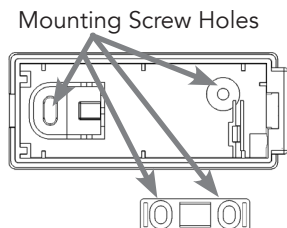
- Industry-leading wireless range and battery life
- One door window zone and one optional external contact zone
- 5 year warranty



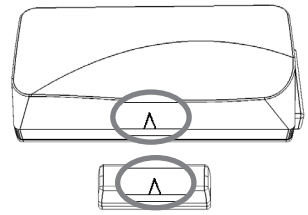
**Enroll** by placing the panel into wireless enrollment mode and removing the battery tab.

Question	Reed Switch	External Contact
Sensor Type	[01] Exit/Entry Delay, or [03] Perimeter	[01] Exit/Entry Delay, or [03] Perimeter
Sensor Equip Type	[1] Contact	[1] Contact
Sensor Equip Code	[0000] Other or [0862] Thin Door/Window (suggested)	[0000] Other or [0862] Thin Door/ Window
Sensor Other Equip Code (0-9999)	[0] Other	[0] Other
Sensor Serial Number	Press Shift, Press Learn, Trip Sensor	Press Shift, Press Learn, Trip Sensor
Sensor Age	[0] New	[0] New
Sensor Loop #	[2] Reed	[1] External Contact

**Install** by mounting the sensor and magnet on a door or window using the mounting screw locations. Make sure to align the alignment marks on the sensor and magnet when mounting. Additionally, the sensor can be used with up to two external contacts.



**Optional External Contact** may be enrolled as an additional zone. To enroll the contact, repeat the process in the table, instead selecting RF sensor loop number [1] for the final panel question.



- Use **normally-closed** contacts because the door window sensor will transmit an alarm when it sees an external contact **open**.
- **End-of-line resistors** are not required or recommended.
- Wire contact wires to one outside terminal, using the center terminal as common.

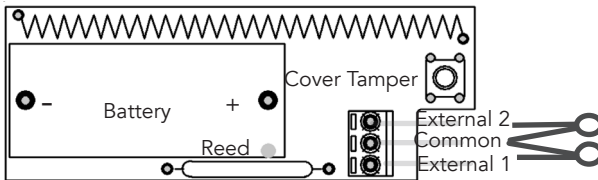
### Pro Tips

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

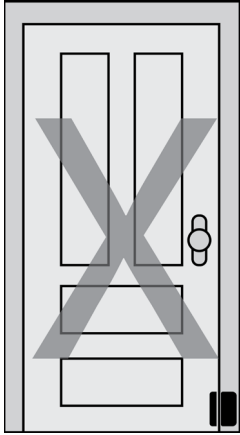
#### Surface Preparation

- Clean the surface
- Ensure the mounting surface temperature is above 50 °F

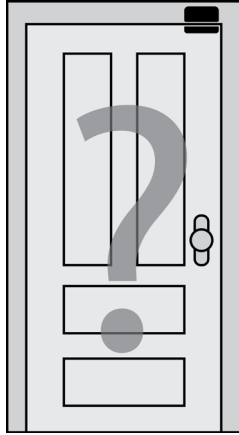
**Wire an external contact** by securing one wire in to either the external 1 or external 2 port and the other wire in to the common port. If two external contacts are used two wires will be inserted into the common port.



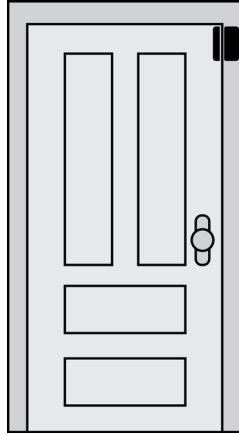
**Wireless performance** is optimized when mounted near the top of the door in a vertical orientation.



**WRONG**



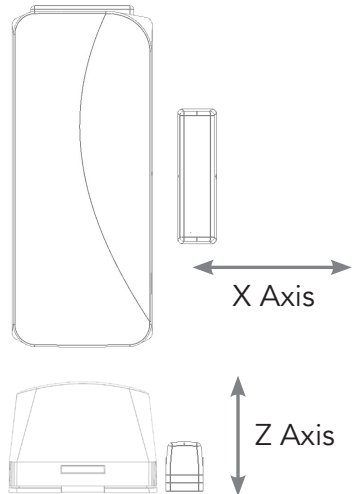
**OK**



**BEST**

**Magnet Gap Specifications**

Non-Ferromagnetic Surface	
Nominal Mounting Distance	1.00 inches (2.5 cm)
X Axis - Make	1.10 inches (2.8 cm)
Break	1.30 inches (3.3 cm)
Y Axis - Make	2.40 inches (6.1 cm)
Break	2.55 inches (6.5 cm)
Z Axis - Make	1.20 inches (3.0 cm)
Break	1.35 inches (3.5 cm)
Ferromagnetic Surface	
Nominal Mounting Distance	0.50 inches (1.2 cm)
X Axis - Make	0.60 inches (1.5 cm)
Break	0.65 inches (1.7 cm)
Y Axis - Make	1.70 inches (4.3 cm)
Break	1.75 inches (4.5 cm)
Z Axis - Make	1.05 inches (2.7 cm)
Break	1.10 inches (2.9 cm)



## 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)
Environmental	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	345 MHz
Replacement Battery	One Panasonic CR123A
Nominal Battery Life	10 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
End of Line Resistance	0 ohms to 4.25 k ohms
Wire Length	7.5 feet (Maximum)
Certification	
RE201T	FCC, IC

*Specifications subject to change without notice*

### WARRANTY

Alula will replace non-portable products that are defective in their first five (5) years and all portable products in their first two (2) years.

### 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-RE201T

### 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-RE201X

### TRADEMARKS

Alula is a trademark owned by Alula Holdings, LLC.

"2GIG" is a trademark owned by Nortek Security and Control, LLC.

Alula products will function with 2GIG systems. However, no Alula product is produced by, endorsed by, or is officially associated with 2GIG.

Alula recommends verifying proper enrollment and operation, per security panel installation instructions, at installation.