



# RE607 Outdoor Door/Window Sensor Connect+™ Encrypted



**RE607 Outdoor Door/Window Sensor** is a full-featured security transmitter with industry-leading wireless range and battery life. It is designed to sense the opening and closing of gates, sheds, and other outdoor open/close applications. An alarm signal will be transmitted when the magnet is pulled away from the sensor, or when an external contact is opened.

## Features

- Industry-leading wireless range and battery life
- Wide magnetic gap distance
- Two built-in external contact zones
- Secure encrypted wireless transmissions
- IP67 waterproof enclosure rating
- 5-year warranty

**Enroll** by placing the panel into wireless enrollment mode and transmitting an enrollment signal from the sensor. Alternatively, the sensor can be enrolled by scanning its bar code using the Connect+ Installer App or by entering its 8-character serial number on the interactive service provider's web portal. External contacts can be added on the interactive service provider's web portal.

### Options for sending an Enrollment Signal

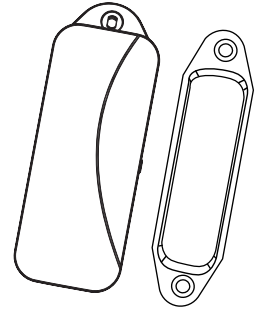
- Remove the battery tab, OR
- Remove the cover to trip tamper

**Install** by first attaching the mounting plate and magnet to a door, window, or fence using screws (provided) or cable ties (not provided).

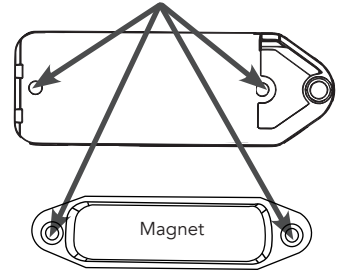
### Mounting Tips

- Face of mounting plate marked "Flat Mount" is to be mounted against flat surfaces (e.g. square wood post).
- Face of mounting plate marked "Pole Mount" is to be mounted against round surfaces (e.g. fence post).

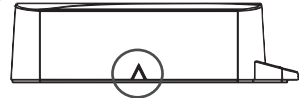
Make sure to align the alignment marks on the sensor and magnet when mounting. Finish by latching the sensor to the mounting plate and tightening the cover-securing screw to secure the sensor in place.



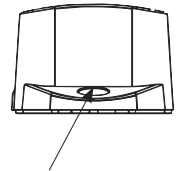
Mounting Screw Holes



Magnet



Alignment Marks

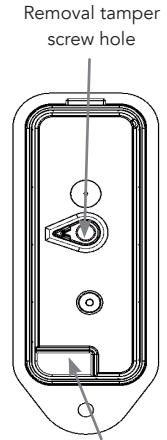


Cover-Securing Screw Hole

*Use the panel installation guide to verify proper system setup.*

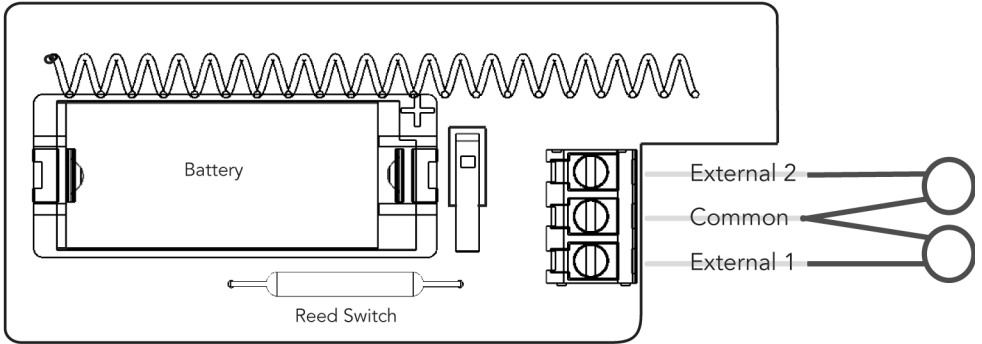
**Removal Tamper** is implemented by screwing the provided screw with rubber washer through the removal tamper screw hole in the base and into the mounting surface. Remove the battery for access to the removal tamper screw hole.

**External Contacts** can be installed by routing the wires through the back of the enclosure. A thinned area in the enclosure must be punched out with a screwdriver to allow the wires through. After routing and connecting the wires, reseal the hole with silicone caulk.



Thinned area for external contact wires

- Do not use end-of-line resistors.
- Wire contacts to one or both outside terminals using the center terminal as a shared common.
- The sensor defaults to use normally closed contacts (alarm condition when contact is open).
- To reprogram external inputs, set both externals to the desired non-alarm state and restart (remove and reinstall battery) the device 3 times while holding the tamper switch.



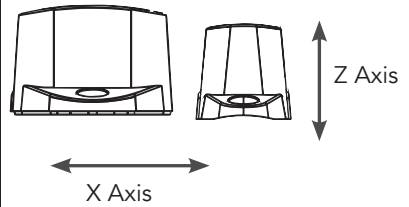
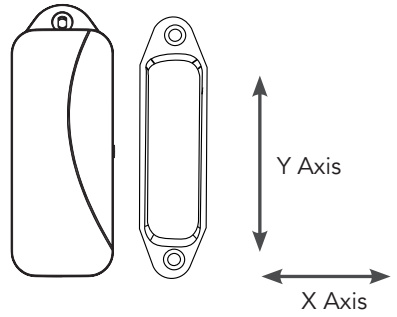
### Pro Tips

**Metal installs** should include pre-drilling holes before using screws to secure the mounting plate and magnet.

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

## Magnet Gap Specifications

Non-Ferromagnetic Surface (e.g. Wood, Vinyl, etc.)	
Nominal Mounting Distance	2.70 inches (6.86 cm)
X Axis - Make	2.80 inches (7.11 cm)
Break	2.85 inches (7.24 cm)
Y Axis - Make	3.50 inches (8.89 cm)
Break	3.55 inches (9.02 cm)
Z Axis - Make	3.27 inches (8.31 cm)
Break	3.33 inches (8.46 cm)
Ferromagnetic Surface (e.g. Iron, Nickel, etc.)	
Nominal Mounting Distance	1.90 inches (4.83 cm)
X Axis - Make	2.00 inches (5.08 cm)
Break	2.05 inches (5.21 cm)
Y Axis - Make	2.50 inches (6.35 cm)
Break	3.00 inches (7.62 cm)
Z Axis - Make	2.32 inches (5.89 cm)
Break	2.37 inches (6.02 cm)



\*Sensitivity can be adjusted by moving the magnet in the closed position farther away from the sensor.

## Specifications

Physical	
Housing Dimensions	3.3 x 1.3 x 2.8 inches (8.4 x 3.3 x 7.1 cm)
Weight with Battery	5.7 ounces (161.6 grams)
Mounting Fasteners	Four 1 inch stainless steel screws (provided)
Removal Tamper Fastener	One 1 <sup>1/4</sup> inch stainless steel screw with rubber washer (provided)
Environmental	
Operating Temperature	-40° to 158°F ( -40° to 70°C)
Maximum Humidity	100% Relative Humidity (RH)
Ingress Protection Rating	IP67
Sensor Specifications	
Frequency	433.92MHz
Replacement Battery	One Panasonic® CR123A Lithium Battery
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, Removal Tamper, Low Battery, Supervision
Max Wire Length on External Contacts	7.5 feet
Certification	
RE607	FCC, IC

*Specifications subject to change without notice*

### TRADEMARKS

Alula and Connect+ are trademarks owned by Alula Holdings, LLC.

Panasonic is a registered trademark owned by Panasonic Corporation.

### 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-RE607

### 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.

### 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: USX-RE607