

# alula™ RE601 Door Window Sensor

## Connect+™ Encrypted



**RE601 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 two external contact zones. It will alarm when the magnet is pulled away from the sensor or when an external contact is opened.

### Features

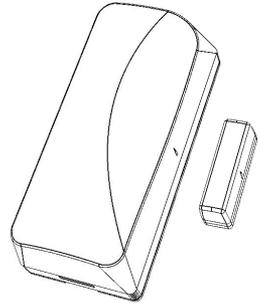
- Industry-leading wireless range and battery life
- One door window zone and two external contact zones
- Secure encrypted wireless transmissions
- 5 year warranty

**Enroll** by placing the panel into wireless enrollment mode, and then sending an enrollment signal from the sensor by removing the cover to trip the tamper. 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.

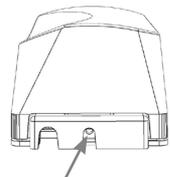
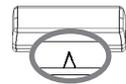
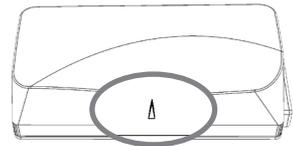
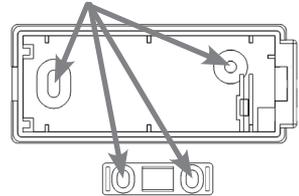
**Install** by mounting the sensor and magnet on a door or window using the mounting screw locations. Make sure to align the alignment marks on the sensor and magnet when mounting. Additionally, the sensor can be used with up to two external contacts. CE installations must use a cover-securing screw.

### External Contacts (not evaluated by ETL)

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



Mounting Screw Holes



Cover-Securing Screw Hole

Use the panel installation guide to verify proper system setup.

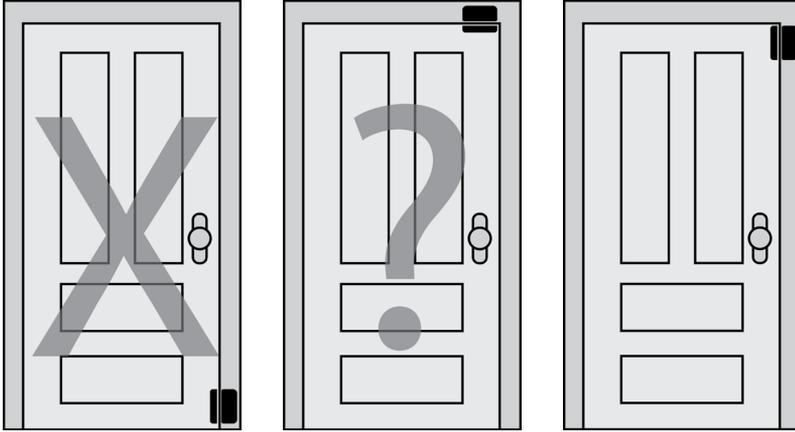
## Pro Tips

**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

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

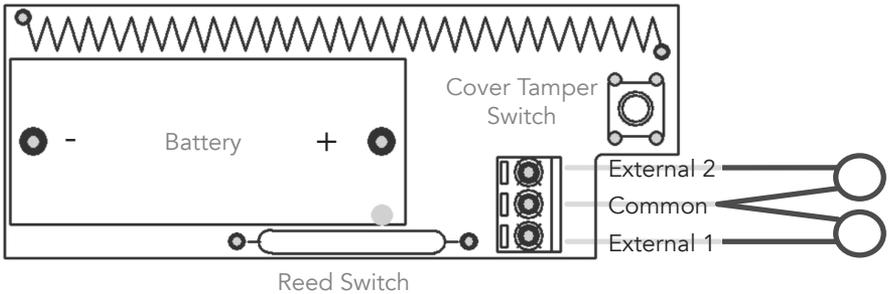


WRONG

OK

BEST

**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 both external contacts are used two wires will be inserted into the common port.



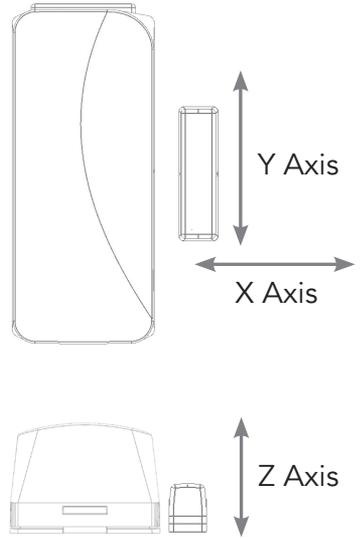
## Magnet Gap Specifications

### 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 to 120 °F (0 to 49 °C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	433.92 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	
RE601	UL634, ULC634, ETL, FCC, IC
RE601-CE	EN50131-2-6, EN 60950-1, EN 300 220, EN 301 489, CE Security Grade 1, CE Environmental Class 2, RCM

*Specifications subject to change without notice*

### WARRANTY

Alula will replace products that are defective in their first five (5) years.

### TRADEMARKS

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

### 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-RE301

### 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-RE301

### CE DECLARATION OF CONFORMITY

Hereby, Alula declares that this RE601-CE is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.

*(This declaration can be translated to other languages via a myriad of translation tools found on the Internet.)*