

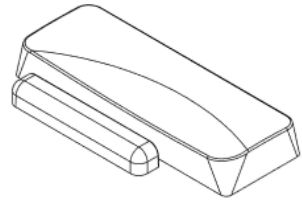
alula™ LongLife Door/Window Sensor Connect+™ Encrypted (DWS-LL)



LongLife Door/Window Sensor is a transmitter with a ten year battery life. Typically used to sense opening and closings of doors and windows, it will alarm when the magnet is pulled away from the sensor.

Features

- Ten year battery life
- Quick peel and press mounting
- Secure encrypted wireless transmissions

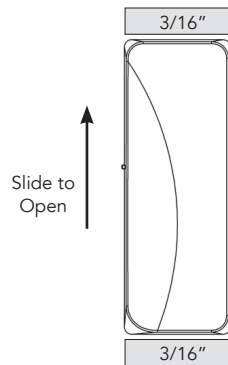


Enroll by placing the panel into wireless enrollment mode and then sending an enrollment signal from the sensor. Alternatively, the sensor can be enrolled by entering its 8-character serial number in the AlulaConnect™ portal.

Options for sending an Enrollment Signal

- Remove the battery tab, which can be done without removing the cover, OR
- Remove the cover to trip the tamper

Note: Slide the cover to open and close

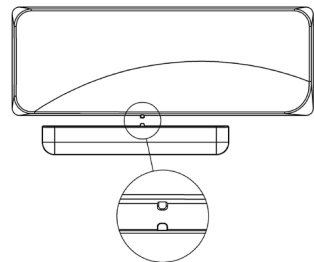


Install by removing the adhesive paper and adhering the sensor and magnet on a door or window. Leave a minimum of 3/16 inch clearance around the ends of the sensor to allow the cover to open. Make sure to align the alignment marks on the sensor and magnet when mounting.

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



Use the panel installation guide to verify proper system setup.

Specifications

Physical	
Housing Dimensions	2.90 x 1.04 x 0.39 inches (7.4 x 2.6 x 1.0 cm)
Weight with Battery	0.79 ounces (22.5 grams)
Mounting Fastener	3M VHB Tape
Environmental	
Operating Temperature	32°F to 120°F (0°C to 49°C)
Maximum Humidity	85% non-condensing relative humidity
Sensor Specifications	
Frequency	433.92 MHz
Replacement Battery	One Panasonic CR2032
Nominal Battery Life	10 years
Battery Voltage	3.0 VDC (Nominal)
Current Draw	20 mA (Maximum), 0.5uA (Quiescent)
Transmitted Indications	Cover Tamper, Low Battery, Supervision
Magnet Gap Distance	0.75 inches maximum (1.9 cm)
Certifications	
DWS-LL	FCC, IC

Specifications subject to change without notice

TRADEMARKS

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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-DWSLL

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-DWSLL