

The Luna Products Door/Window Sensor (LP.DW03.345.1) is designed for indoor residential and light commercial use. The D/W sensor can be easily mounted on doors and windows, as well as other devices that open and close. It communicates with Luna and 2GIG Control Panels over 345 MHz frequency. Signals are transmitted to the alarm control panel when the magnet is moved away from or closer to the sensor (loop 2).

1. INSTALLATION

1.1 General Guidance

1. Do not install outdoors.
2. Do not install near high-voltage electrical lines.
3. Do not install behind any obstructions.
4. Do not mount on unstable surfaces.
5. If installing it on a door, choose the side without hinges. If installing on a double door, put the sensor (large piece) on the fixed or least used side and the magnet (small piece) on the door that opens most frequently.
6. The D/W sensor should be mounted on the inside space you want to protect.
7. Before installing, remove the battery tab.
8. Do not install sensor on metal objects as this could affect RF range, as well as the gap distance between the magnet and contact.
9. For reliable attachment ensure that the mounting surface is clean and dry. Stick the sensor to the desired location and apply firm pressure for 10-15 seconds.
10. When mounting with the double-sided tape, ensure that the temperature is above 50°F and will remain above 50°F for at least 24 hours to ensure proper bond. After 24 hours, the bond will hold at lower temperatures.

1.2 Activating and Pairing the Door/Window Contact

Activating and pairing the D/W sensor should be performed prior to the physical installation of the D/W sensor. To pair the sensor to the control panel, you must set the panel to pairing mode.

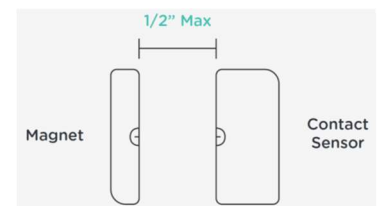
1. Set the control panel to pairing mode.
2. To power up the D/W sensor, pull the battery tab that protrude from the side of the sensor or insert the battery.
3. With the two semi-circles from the contact sensor (large piece) and magnet (small piece) in alignment with one another, move the magnet (small piece) away from the contact sensor (large piece), wait 2-3 seconds then place the magnet (small piece) back in alignment with the contact sensor (large piece).
4. If required, you can manually enter in the TXID of the sensor to the control panel.
5. Some systems may allow you to use their app to scan the QR code.
6. Verify from the control panel that the sensor has been paired.

Note: Pairing should be performed before installation.

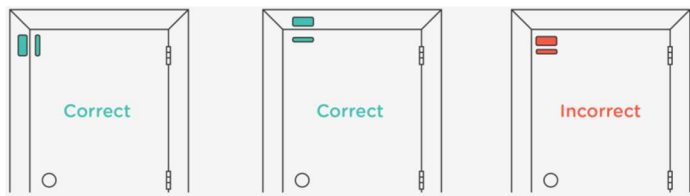
Note: TXID is the 7 digits located on the back of the D/W sensor. The label is in the middle and to the right of the QR code.

1.3 Installation Procedure

1. Follow Activating and Pairing the Door/Window contact instructions first.
2. Place the magnet (small piece) on the window or door that opens or slides and the contact sensor (large piece) on the frame. Be sure not to place them more than 1/2" apart and align the two semi-circles from the contact sensor (large piece) and magnet (small piece) with one another. Remove the adhesive backing, press firmly, and hold in place for 10-15 seconds.
3. Mount the D/W sensor on any window or door frame using the supplied double sticky tape or screws. Always mount on the inside space you want to protect. See descriptions below for suggestions as to mounting locations.
4. If needed, use a screw through each of the mounting holes in the mounting plate.
5. The unit is ready for use.



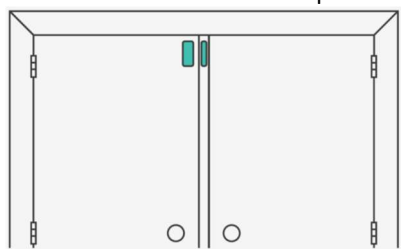
DOOR – Place the magnet (small piece) on the door in the very top corner opposite the hinges and the contact sensor (large piece) either on the molding above or the molding next to the door.



SLIDING DOOR – Place the magnet (small piece) on the sliding door in the very top corner opposite the window and the contact sensor (large piece) either on the molding above or the molding next to the door.

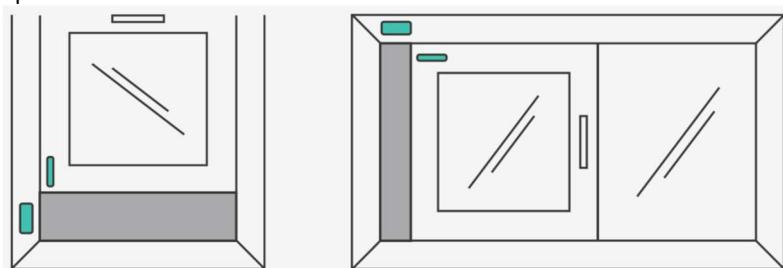


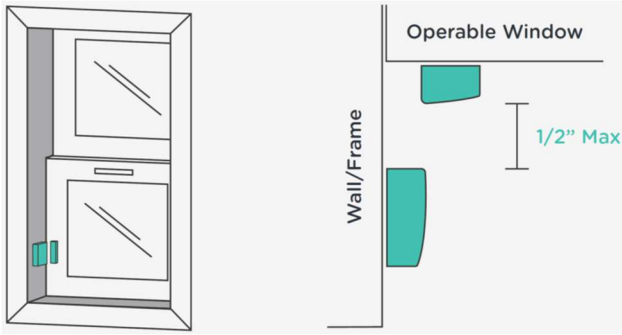
DOUBLE DOOR – Near the top on the least used door (or secured door), place the contact sensor (large piece) with the alignment



mark facing the other door. Place the magnet (small piece) on the door or the frame between the two doors.

WINDOWS - Place the magnet (small piece) on the window that opens or slides and the contact sensor (large piece) on the frame. Be sure not to place them more than ½" apart and align the two semi-circles from the contact sensor and magnet with one another. Remove the adhesive backing, press firmly, and hold in place for 10-15 seconds. If your frame is too narrow it might be better to reverse the setup, with the magnet (small piece) on the frame and the contact sensor (large piece) on the window. If needed the magnet (small piece) may be placed on the window. If needed, place either piece at a 90° angle as long as the pieces are less than ½" apart.





1.4 Unpair the Detector from Panel

1. Follow control panel instructions to remove the sensor from the panel.

1.5 Replacing the Battery

1. Carefully insert a small flathead screwdriver into the small slot at the bottom of the D/W and gently twist the screwdriver. This will allow you to separate the top case from the mounting bracket. Carefully use a screwdriver to slide the battery out from under the battery holder.
2. Replace the battery with the + side facing away from the module and up towards the + mark on the battery holder. Snap the cover back on the mounting bracket.
3. After replacing the battery, it is recommended that you test the sensor to make sure it works properly.

CAUTION! Risk of explosion if battery is replaced by an incorrect type. Dispose of used battery according to the battery manufacturer's instructions.

1.6 Walk Testing

1. Put the panel into sensor test mode.
2. Open the Door or Window the sensor is protecting. The sensor transmits a signal.
3. Listen for beeps to determine the appropriate response.
4. Exit sensor test mode.

Important! Instruct the customer to walk test at least once a month to verify proper function of the Door/Window sensor.

2. Specifications

RF Signal Range: Open Air 350 ft (106.68 m), with Wireless Control Panel

Code Outputs: Loop 2 Internal (Alarm; Alarm Restore); Supervisory; Low Battery

Transmitter Frequency: 345.00 MHz (crystal controlled)

Security Control Panel Compatibility: Luna Products and 2GIG compatible control panels

Unique ID Codes: 299,997 different code permutations

Supervisory Interval: 60-70 minutes

Reed Sensitivity: 0.625 in. (1.59 cm) minimum gap, 0.85 in. (2.16 cm) maximum

Magnet Type: Rare Earth

Magnet Dimensions (H x W x D): 2.11" x 0.41" x 0.46" (5.36 cm x 1.04 cm x 1.17 cm)

Sensor Dimensions (H x W x D): 2.13" x 1.00" x 0.50" (5.41 cm x 2.54 cm x 1.27 cm)

Weight (including magnet & battery): 0.915 oz (26 g)

Operating Temperature: 32° - 120° F (0° - 49° C)

Relative Humidity: 5-90% Non-Condensing

Battery (installed): One (1) LIXING CR2032, or equivalent CR2032 Lithium battery

Housing Material: PC/ABS Plastic, UL 94HB

Color: White

Battery Life: Five (5) Years

3. Regulatory

FCC ID: 2ATK4-LPDW033451

IC ID: 27198-LPDW033451

FCC Notice

This device complies with Part 15 of the FCC's Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This product complies with FCC radiation exposure limits for an uncontrolled environment.

CAUTION: Any change or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

ISED Canada Compliance

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. *This device may not cause interference.*
2. *This device must accept any interference, including interference that may cause undesired operation of the device.*

RF Exposure: This equipment complies with ISED RF exposure limits for an uncontrolled environment.

ATTENTION : Toute modification ou tout changement non expressément approuvé par la partie responsable de la conformité peut annuler l'autorisation de l'utilisateur à faire fonctionner cet équipement.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;*
2. *L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement*

Exposition aux radiofréquences (RF) : Cet équipement est conforme aux limites d'exposition aux RF d'ISDE pour un environnement non contrôlé.

4. Additional Information, Warnings and Notices

IMPORTANT: Always dispose of and/or recycle used battery in accordance with the hazardous waste recovery and recycling regulations for your location. Your city, state, or country may also require you to comply with additional handling, recycling, and disposal requirements. Batteries must not be recharged, disassembled, or disposed of in fire. Keep away from small children. If battery is swallowed, promptly see a doctor.

WARNING! The polarity of the battery must be observed. Improper handling of battery may result in heat generation, explosion, or fire, which may lead to personal injury. Replace with the same or equivalent battery type as recommended by the manufacturer.

California Only: Perchlorate material special handling may apply. For information, visit: <https://dtsc.ca.gov/perchlorate/>

 **WARNING:** This product can expose you to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. www.P65Warnings.ca.gov



Wireless Product Notice

Wireless communications hardware provides reliable communication; however, there are some limitations which must be observed.

- The transmitters are required to comply with all applicable wireless rules and regulations. As such, they have limited transmitter power and limited range.
- Wireless signals may be blocked by radio signals that occur on or near the wireless operating frequencies.
- Wireless signals may be blocked by large objects (couches, china cabinets, refrigerators, washer/dryer, mirrors, etc.), multiple walls, different types of residential and light commercial construction materials.

5. Warranty

LIMITED WARRANTY

This Luna Products LLC product is warranted against defects in material and workmanship for two (2) years. This warranty extends only to wholesale customers who buy direct from Luna Products LLC or through Luna Products LLC's normal distribution channels. Luna Products LLC does not warrant this product to consumers. Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any. There are no obligations or liabilities on the part of Luna Products LLC for consequential damages arising out of or in connection with use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation. All implied warranties for functionality, are valid only until the warranty expires. This Luna Products LLC Warranty is in lieu of all other warranties expressed or implied.