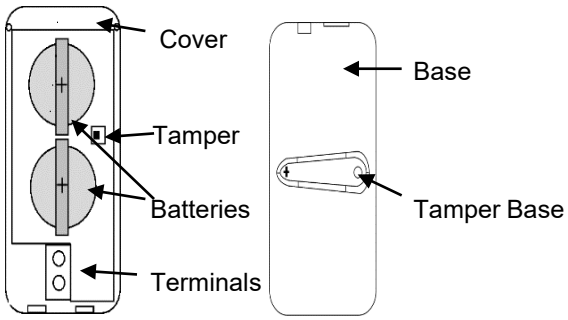
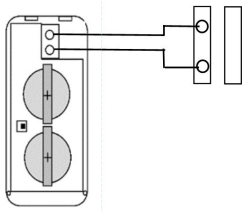
**Description**

The Extended Door/Window Sensor is a supervised, wireless sensor that detects the opening and closing of doors or windows. The sensor and magnet are mounted using screws (included) or double-sided adhesive tape (included).

When activated, the sensor transmits an open (trip) or close (restore) signal to the panel. These are the signals the unit provides: supervisory, tamper, and low battery (as needed). The sensor is powered by (2) replaceable 3-VDC, lithium coin-cell batteries.




**External Contact**



Note: Do not exceed 50 ft. when wiring to an external contact

Note: Only one set of contacts can be used at one time the internal or external, for added security the internal reed switch can be cut.

**Installation Guidelines**

1. Remove the transmitter's cover by pressing in on the small rectangular latch on the end of the cover and lift.
2. Mount the sensor base directly to the surface using the mounting tape provided. Make sure to align the mounting tape with the tamper pull put area on the bottom of the sensor to insure proper tamper operation.
3. Mount the magnet next to the sensor and align the magnet with the mark on the side of the sensor, using the mounting tape provided, or connect an external contact to the terminals.
4. Remove the battery isolator tabs from both batteries.
5. Replace the cover on the transmitter.
6. Enroll the senor into the control panel according to the instructions.

**Programming**

The following steps describe the general guidelines for programming the sensor into panel memory. Refer to the specific panel's documentation for complete programming details.

1. Set the panel to the program mode.
2. Proceed to the SENSORS menu.
3. Select the appropriate sensor group and sensor number assignments.
4. When prompted by the panel, trip the sensor for learning by remove the sensor cover and if present pull the battery pull tabs or enter the sensor ID#. The system should acknowledge the sensor by touchpad display and/or audio (depending on the panel).
5. Honeywell Loop Assignment:
   -External terminal - Loop 1
   -Internal reed switch - Loop 2
6. Exit program mode.

**Testing the Sensor**

1. Set the panel to the sensor test mode.
2. Take the sensor and magnet to the desired mounting location, making sure to line up their alignment marks with each other. Trip the sensor by pulling the magnet away from the sensor.
3. Monitor the system after tripping the sensor. Refer to the specific panel documentation for interpretation of the results to ensure desired signal strength is achieved.

**Note:** If a low battery alarm occurs, replace the battery within 7 days.

**CAUTION**: Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.

**Mounting the Sensor**

Mount the sensor using the supplied mounting screws for permanent mounting installations or using the supplied double-sided tape is optional.

**Note:** The gap between the sensor and magnet should not exceed a maximum of 5/8".

**For Additional Tamper Security**

Punch out the tamper cover on the bottom of the sensor, and using the small screw secure it to the mounting location, when the sensor is removed "tampered" the tab remains providing a tamper condition.

## Specifications

| | |
|---|---|
| Model No. | RF-CMDWSX-345 |
| RF frequency | 345 MHz |
| Compatibility | Honeywell® and 2GIG® |
| Battery type | (2) 3-VDC, lithium coin-cell battery (Varta or Panasonic, Model CR2032) |
| Battery | Varta CR2032, Panasonic CR2032 |
| Operating temperature range | 32 to 120°F (0 to 49°C) |
| Storage temperature range | -30 to 140°F (-34 to 60°C) |
| Relative humidity | 95% non-condensing |
| Dimensions (L x W x D) | 2.75 x 1.0 x 0.50 in. |

## FCC / IC Statement

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.

Per FCC 15.19 (a) (3) and (a) (4), This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation.

Per FCC 15.21, The user manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

In accordance with FCC requirements of human exposure to radio frequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population.

**FCC: 2ABBZ-RF-CMDWSX-345**
**IC: 11817A-CMDWSX345**

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, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES- 3B.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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