Micro Door/Window Sensor Installation Sheet

Description

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

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 a replaceable 3-VDC, lithium coin-cell battery.

Installation Guidelines

- Mounting the sensor on metal can affect the transmitting range and magnet gap performance. Therefore, test the sensor from the desired location using the installer sensor test, before permanently mounting it.
- Mount the sensor within 100 ft. of the panel.
- Mount the sensor on the frame, and the magnet on the door, window or drawer. If mounting on double doors, mount the sensor on the least used door and the magnet on the other door.
- Mount sensors at least 5 inches above the floor to avoid damaging them.
- The sensors can be mounted to either wood or metallic surfaces.
- The magnet should be mounted within 5/16" (8 mm) for wood or ¼" (6 mm) for metal installations. Based on the magnet mounting spacing, direction of operation and material of the mounting surface, the gap for opening will vary between 1/8" (3 mm) and 1 ¾" (44 mm). Desired operation should be checked before permanent installation.
- After mounting the sensor, retest the sensor using the procedure in the section "Testing the Sensor".

Programming

The following steps describe the general guidelines for programming (learning) 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 LEARN SENSORS menu.
3. Select the appropriate sensor group and sensor number assignments.
4. When prompted by the panel to trip the sensor for learning, remove the battery pull tab or remove the sensor cover. The system should acknowledge learning the sensor by touchpad display and/or audio (depending on the panel).

5. Exit program mode.
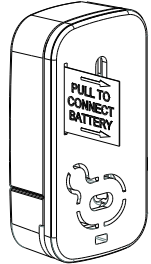
Testing the Sensor (Test Weekly)

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.

La batterie peut exploser si maltraités. Veuillez ne pas la recharger, la démonter ou la jeter dans le feu.

Mounting the Sensor

Mount the sensor using the supplied mounting screws for permanent mounting for all UL installations. For non-UL installations, using the supplied double-sided tape is optional. **Note:** The gap between the sensor and magnet should not exceed a maximum of 3/8".

Mounting Screws (UL Installations)

1. Remove the sensor base from the sensor.

2. Place the sensor base in desired location and mount the base with the supplied screws. Attach the sensor to the base.

3. Mount the magnet into the desired location using the supplied screw and lock washer, making sure the alignment mark lines up with the sensor's.

Double-Sided Tape (optional for non-UL installations)

1. Before applying double-sided tape, ensure that the desired location is a smooth, clean and dry surface.

   Note: When applying the double-sided tape, evenly apply pressure to ensure a good surface contact.

2. Apply double-sided tape to the bottom of the sensor and the magnet. Mount the sensor and magnet at the desired locations, ensuring the alignment marks line up with each other.

For Additional Tamper Security

1. Punch out the seal covering the screw hole on the sensor cover end.

2. With the sensor base attached to the sensor cover, insert the smallest screw supplied, securing the sensor base to the sensor cover.

Specifications

Model no.	TX-1012-01-1 (white) TX-1012-01-3 (brown)
RF frequency	319.5 MHz
Compatibility	Interlogix Learn Mode Panels and Receivers – Concord, NetworX and Simon Series
Battery type	3-VDC, lithium coin-cell battery (Varta or Panasonic, Model CR2032)
UL Approved 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)	1.9 x 1.0 x 0.50 in. (4.7 x 2.5 x 1.3 cm)

Regulatory information

Manufacturer	UTC Fire & Security Americas Corporation, Inc. 1275 Red Fox Rd., Arden Hills, MN 55112-6943, USA
FCC compliance	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. FCC ID: B4Z-983-UDWS IC: 1175C-983UDWS This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
UL	ANSI/UL 634 Standard for Connectors and Switches for Use with Burglar-Alarm Systems UL 1023 – Household Burglar-Alarm System Units.
ULC	C634-M1986 - Connectors and Switches for Use with Burglar-Alarm Systems CAN/ULC-C1023-1974. Preliminary Standard for Household Burglar Alarm System Units.

Contact Information

For contact information, see www.interlogix.com or call +1 855 286 8889.

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