

Learn Mode Micro Door/Window Sensor Installation Instructions

Product summary

The Learn Mode 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 double-sided adhesive tape (included).

When activated, the sensor transmits an open (trip) or close (restore) signal to the panel. Every 64 minutes, the sensor transmits a supervisory signal to the panel, automatically.

The sensor is powered by a 3-VDC, lithium coin-cell battery (CR2032). This battery is replaceable by the installer or the user.

Installation guidelines

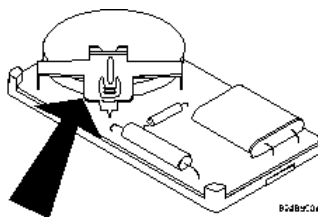
- Mounting the sensor on metal can reduce its transmitting range. Therefore, test the sensor from the desired location using the dealer sensor test, before permanently mounting it.
- Mount the sensor within 100 ft. of the panel.
- Mount the sensor on the frame, and the magnet on the door, window, or 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 in. above the floor to avoid damaging them.

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 sensor cover and slide the battery about half-way out of the battery holder (see Figure 1 below). The system should acknowledge learning the sensor by touchpad display and/or audio (depending on the panel).

Figure 1: Tripping the sensor



5. Slide the battery back into the holder.
6. Exit program mode.
7. Place the cover back on the sensor.

Testing the sensor

1. Set the panel to the dealer 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.
3. Trip the sensor by pulling the magnet away from the sensor.

- Listen for interior siren beeps to indicate how many rounds the panel receives from the sensor. You should hear 6 to 8 beeps.

Note: The Learn Mode Micro Door/Window Sensor has a built-in power-saver feature that turns on automatically when the sensor is tripped more than once, within a 4-1/4 minute time period.

When the power-saver feature is on, the sensor transmits only half the usual number of data rounds when tripped. For example, during a dealer sensor test you normally expect to hear up to 8 data rounds. When the power-saver feature is on, you may hear only up to 4 data rounds.

To be sure the sensor has acceptable transmitting range to the panel, leave the sensor undisturbed in the closed (non-alarm) condition for 5 minutes before tripping it for testing. This gives the sensor enough time to turn off the power-saver feature so you can get accurate sensor test results.

Mounting the sensor

After successful programming and testing are completed, mount the sensor as follows:

- Apply double-sided tape (included) to the bottom of the sensor and mount the sensor at the desired location.
- Apply double-sided tape to the bottom of the magnet and mount it at the desired location, making sure the alignment mark lines up with the sensor's.
- Retest the sensor using the procedure in the section "Testing the Sensor."

Specifications

Model no.	60-688-95
RF frequency	319.5 MHz
Compatibility	All Interlogix Learn Mode Panels and Receivers
Battery type	3-VDC, lithium coin-cell battery (CR2032)

Operating temperature range	10 to 120°F (-12 to 49°C)
Storage temperature range	-30 to 140°F (-34 to 60°C)
Relative humidity	0-90% non-condensing
Dimensions (L x W x D)	1.75 x 0.80 x 0.50 in. (4.45 x 2.0 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-664A-UDWS US Patents 4,855,713, 4,864,636 and others pending.

Contact information

For contact information, see www.utcfireandsecurity.com or www.interlogix.com.

For technical support, Toll-free: 888.437.3287 in the US including Alaska, Hawaii, Puerto Rico, and Canada. Outside the toll-free area: Contact your dealer.

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