

# TX-E611 Flood and Freeze Sensor 319.5 MHz

## Installation Sheet

### Enrolling

To enroll the sensor, set your panel into program mode. Then go to the Learn Sensors menu. Refer to your specific alarm panel instruction manual for details on these menus. On the TX-E611, locate the vertical line on the side of the sensor. You will need a magnet (not included) to initiate a transmission from the sensor.

1. To learn in as a flood sensor, tap a magnet to the sensor at the point indicated by the line. Repeat as required. Then select the appropriate sensor group and number. The flood sensor uses the serial number printed on the back of the device.
2. To learn the freeze sensor, tap and hold a magnet at the point indicated by the line for two seconds. Repeat as required. Then select the appropriate sensor group and number.

### Operation

The TX-E611 flood sensor is designed to detect water across the gold probes and will alert immediately when present. The freeze sensor will trigger when the temperature is below 41°F (5°C) and will send a restoral at 45°F (7°C).

### Placement

Place the sensor anywhere that you wish to detect water and/or freezing temperatures, such as under a sink, near a hot water heater, in a basement or behind a washing machine. Determine this location is suitable for the sensor by following the procedure in the section "Testing the Sensor" ensuring desired signal strength is achieved. If you would like to make sure the sensor does not move from its intended location, use the provided sensor bracket and secure it either to the floor or wall.



Where possible, install sensors within 100 ft. (30 m) of the panel. While a transmitter may have an open-air range of 500 ft. (150 m) or more, the environment at the installation site may have a significant effect on operational range. Changing a sensor location may improve wireless communication.

### Testing the Sensor (Test Weekly)

The sensor test verifies proper communication between the sensor and the panel/receiver. To test the sensor, refer to the specific panel/receiver documentation and do the following:

1. Put the panel/receiver into sensor test mode.
2. By using a magnet you can send a Flood OR Freeze transmission. Place the magnet on the line located on the side of the case and remove it within 1 second to send a flood transmission. If you hold the magnet for 2 seconds, it will send a freeze transmission. Placing wet fingers on any two probes will also trigger a flood transmission.
3. Listen for siren beeps to determine the appropriate response.
4. Exit sensor test mode.

### Replacing the Battery

When the battery is low, a signal will be sent to the control panel. To replace the battery:

1. Carefully remove the white rubber feet on the bottom of the flood detector.
2. Remove the 3 screws and open the case. Replace battery with a CR2450 Lithium Battery.
3. Replace the screws and rubber feet.

## Specifications

Frequency	319.5MHz
Battery	3V lithium CR123A (620 mAh)
Battery Life	Up to 10 years
Operating Temperature	32°-120°F (0°-49°C)
Operating Humidity	5-95% RH non condensing
Supervisory Signal Interval	64 min (approximately)
Detects Freeze	at 41°F (5°C) restores at 45°F (7°C)
Detects Water	minimum of 1/64" (0.397mm) of water
Compatibility	Interlogix Learn Mode Panels and Receivers

## FCC Compliance 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.

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.

Changes or modifications not expressly approved by UTC Fire and Security could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-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 radiofrequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population.

FCC: XQC-WST611

IC: 9863B-WST611

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.

## Contact information

For contact information, visit us online at [www.interlogix.com](http://www.interlogix.com).

For technical support, see [www.interlogix.com/support](http://www.interlogix.com/support)

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