

SZ-WTD01 ZigBee Water Sensor Installation Guide

Specification

Frequency	2.4GHz
Battery Type	DC 3V, CR2032x2
Application	Basements, laundry rooms, bathrooms, kitchens etc
Water Sensor Cable Length	3M (10 ft)
Operating Temperature	0° C to 50° C (32° - 122°F)
Storage Temperature	-20° C to 70° C (-4° - 158°F)
Battery Life	2 years
RF Range	Open Air : 100M
Dimension	Main Unit: 65 mm x 30 mm x 13 mm (2.60" x 1.18" x 0.51") Detector Unit: 45 mm x 15 mm x 10 mm (1.77" x 0.59" x 0.39")

Package Contents

sensor



- Adhesice Tape x 1
- Screw #1 x 3
- Screw #2 x 5



CR2032 Lithium Battery X2



Installation & Operation Manual



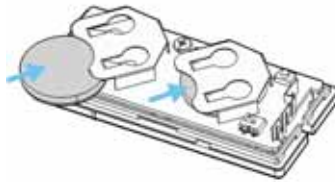
Intallation

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1. Insert a flat screwdriver into the notch of the casing. Twist carefully to open the front cover.

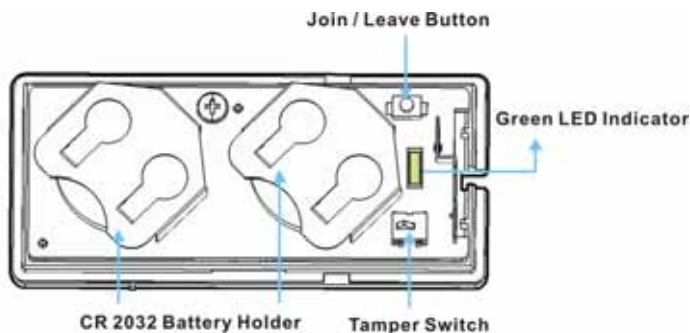


2. Install the supplied CR2032 batteries properly.
Note: Please observe the battery polarity to ensure the correct connections while installing the batteries. Use only the CR2032 batteries for replacement.



3. Attach the front cover to the device.
4. Hold the sensor near the top of the door, close to the opening edge of the door. This is the mounting location for the sensor.
5. Use either one of the following methods to install the sensor:
 - Remove the back plate of the sensor; use this as the mounting bracket. Use the screwdriver to secure the back plate to the wall with the screws provided.
 - Use provided adhesive on the sensor. Attach the sensor to the door. Press firmly and hold in place for a few seconds.

Operation



- **Join Function**

For "Join" a network, please do the following instruction:

- Put the ZigBee Coordinator into "Permit-Joining" mode.
- Press the Join/Leave button for less than 1 second. The LED is blinking while processing. If the sensor has been joined with the ZigBee Coordinator successfully, the Green LED will be on for 2 seconds and then off. The Green LED will be off instantly if failed.

- **Leave Function**

For "Leave" a network, please do the following instruction:

- Press Join/Leave button for 3 seconds to let the sensor disassociate from the ZigBee Coordinator. If the sensor has been disassociated successfully with the ZigBee Coordinator, the Green LED will be on for 1 second and then off.
- The LED will stay off during the normal operation.
- The sensor is equipped with a tamper switch. If the cover of sensor is removed, the sensor will send an alarm to the ZigBee Coordinator. The sensor will be in "Awake" mode before replacing the cover.

FCC 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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CE Approval

CE Standards

This product complies with the 99/5/EEC directives, including the following safety and EMC standards:

- EN300328-2
- EN301489-1/-17

CE Marking Warning

This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.