

IID-WTR2M-433

OneEvent™ Technologies Water Sensor with RF Module Link



INSTRUCTIONS

Read and retain this leaflet for as long as the product is being used. It contains vital information on the operation and installation of your water sensor. The leaflet should be regarded as part of the product. If you are installing the unit, the leaflet must be given to the property owner. The leaflet is to be given to any subsequent owner.

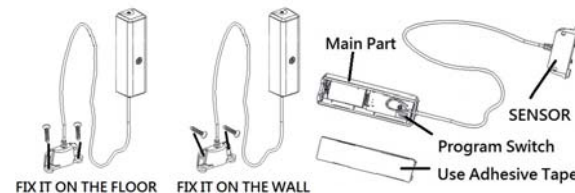
INTRODUCTION

Congratulations on purchasing the OneEvent IID-WTR2M-433 water sensor. This sensor is a water detector with wireless transmitter that works in conjunction with the OneEvent gateway to alert when water is detected. For example, the sensor can be installed under a refrigerator to alert if there is a water leak. You can install the sensor anywhere there may be potential for water leaks; with this sensor, you can get notified at the first sign of a leak to help minimize property damage.

INSTALLATION

The sensor and transmitter can both be mounted using screws or double-sided tape (both included). For best results follow the directions below.

1. Remove the screw fastening the rear cover of the transmitter module and slide the rear cover off. Insert a CR123A battery into the battery compartment. The LED will flash multiple times to indicate the sensor is active.
2. Replace the rear cover and the fastening screw.
3. Install the transmitter module at a higher location for better RF range and away from potential water exposure.
4. Install the sensor at the desired monitoring location, keeping in mind that both metallic contacts will need to come in contact with water for proper notification.



INSTALLATION TROUBLESHOOTING

It is imperative that the sensors in your system can communicate with the OneEvent gateway. The number of walls, ceilings and metal objects in the signal path reduces the strength of the RF signals between the sensor and the gateway. Accordingly, some water sensors may have difficulties in communicating to the assigned OneEvent gateway. The sensor must be tested at the install location prior to installation to confirm the gateway will properly receive signals from the sensor. It may be necessary to move the gateway closer to water sensor, if water notifications are not being received during installation testing.

TESTING

Your sensor is a property protection device and should be checked periodically.

MANUALLY TESTING YOUR SENSORS

It is recommended that you test your sensors after installation and weekly thereafter to ensure proper function. It will also help you to become familiar with the text message you can expect in a water leak or flood emergency. The best way to test the water sensor is to put it in contact with a small amount of water. After 15 consecutive seconds in contact with water, the transmitter LED will flash and send a signal to the gateway. After 15 seconds of dry conditions, the transmitter LED will flash and send an all-clear signal.

LIMITATIONS OF OET RF SIGNALS

Limitations of OET RF Signals:

OneEvent radio communication systems are very reliable and are tested to high standards. However, due to their low transmitting power and limited range (as required by regulatory bodies) there are some limitations to be considered:

- (i) Receivers may be blocked by radio signals occurring on or near their operating frequencies.
- (ii) Changes in the surrounding environment, such as renovations or furniture that has been moved, can disrupt radio communications between the sensor and gateway.
- (iii) Changes and modifications to this device not approved by OneEvent Technologies could void the user's authority to operate the equipment.

GETTING YOUR WATER SENSOR SERVICED

If your sensor fails to work after you have read the sections on Installation, Troubleshooting, Limitations and Testing, contact your Dealer.

WARRANTY & TECHNICAL INFORMATION

For complete warranty information, please visit:

<http://www.oneeventtech.com/support>

TECHNICAL SPECIFICATIONS

Operating frequency:	433 MHz
Range:	100m in free air (min)
Protocol:	OneEvent RF Link
Check-in transmit interval:	65 minutes +/- 5 minutes
Water notification:	After 15 seconds of exposure
No-water notification:	After 15 seconds of no water
Sensor message duration:	20ms
Check-in message duration:	20ms
100153 weight:	60 grams, including battery

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment.

This device complies with Part 15 of the FCC Rules. Operation 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: 2AHZG-WTR2M433

INDUSTRY CANADA STATEMENT

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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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CONTACT US

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