ARIZE

Arize Water Detector-AWD220

Content:

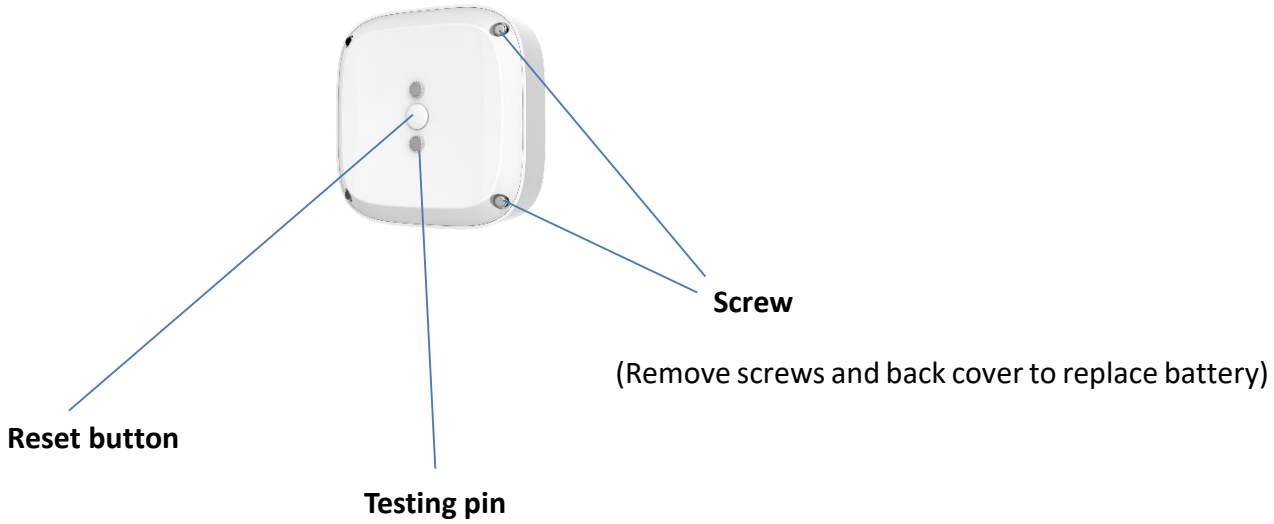
Water Leak Sensor

User Manual

1. Product Introduction

Using the ARIZE Water Leak Sensor and the ARIZE Application for your mobile device, you can receive immediate alerts if a leak or flooding occurs in your home (such as in a basement, near a water heater, under an old pipe, or in a bathroom). Early alerts can help you prevent leaks from turning into flood situation, extensive property damage and excessive bills.

2. Product Profile



Specification

Model Name	AWD220
Power Supply	Battery
Power Source	3V, AAA *2
Battery Life	3 years
Communication Protocol	Zigbee 3.0
Radio Frequency	2.4GHz
Wireless Range	100m LOS
Operational Temperature	0℃ - 40℃
Operating Humidity	Up to 85% non-condensing
Mounting	Floor type
Standards Compliance	FCC, CE RED
OTA	Yes

3.Features/Capabilities

- The ARIZE Water Leak Sensor is a Zigbee compatible sensor.
- The ARIZE Water Leak Sensor is powered by AAA battery with a 3-years battery life.

- The ARIZE Water Leak “alarm” can be sent to ARIZE hub.
- The ARIZE Water Leak Sensor is designed to be a floor type sensor..
- The ARIZE Water Leak Sensor has a built-in LED indicator and an acoustic alarm.
- The ARIZE Water Leak Sensor has a low battery alarm to ARIZE hub.

4. Installation Notice

1. Install the detector in areas where there is a concern about possible water leaks, such as bathrooms, basements, water heaters, under clogged drains, under old pipes, or in other areas of your home that are prone to leaking. You can receive an instant alert.
2. Do not locate the detector in cabinets and other areas where the alarm sound cannot be heard.
3. Do not install in an area where it can come in contact with rain, oil smoke and steam from a kitchen range.
4. Do not install the detector in submersed water.
5. If a pool of water forms, moisture must contact both leads to trigger an alert.

6. Installation Guide

1. The sensor will be in pairing status when power turns on for the first time. This will cause an LED indicator light to flash once per second for 2 minutes. Use the Arize Installer Application to scan this device. If sensor pairs successfully, the light will stop blinking and then stay on for about 10 seconds.

2. Install the detector where there is a concern for a potential water leak.

7. Product usage

1. Insert 2 pcs AAA battery to the battery space, and the water leak sensor will be ready for use.

2. How to reset a water leak sensor

A. Press and hold the reset key on the bottom cover for about 3 seconds, then the LED (signal light) will start blinking quickly.

B. Release the reset key and the sensor will be reset to factory settings and the LED(signal light) blinks once per second to search for a new enabled Zigbee network.

3. How to pair a water leak sensor

A. After the sensor reset to factory settings, the LED(signal light) blinks once per second and sensor starts searching an enabled Zigbee network.

B. If sensor pairs successfully, it will stop blinking and the light will stay on for 10 seconds

C. If no available networks were found within 2 minutes, the LED will stop blinking and turn off.

Tip: When initially setting up the ARIZE Water Leak Sensor, it is recommended to perform the setup task within 15 feet (4.5 meters) of the ARIZE Hub.

4. Once the sensor detects a water leak, the LED Indicator flashes and the alarm beeps once per second which lasts for 5 minutes, and then beeps 3 times every 10 minutes (with indicator light). The alarm signal will be sent to the gateway once every 5 minutes. During the alarm status, the user can mute the buzzer by using the App. If the sensor still detects a water leak after 10 minutes, the detector will trigger the alarm again and another signal will be sent to the gateway and the user.

The alarm will be canceled if the situation as below.

① Water leak is controlled/stopped

② User presses the mute status by using the app

③ The button on the sensor itself is pressed

④ Power is turned off

6. When the battery voltage low, the detector will send a low battery signal to the gateway.

8. Notes

1. Replace the battery immediately when the low battery warning sounds to ensure the detector is working properly.
2. Do not store any items on the surface of detector, as this may affect the sensors.
3. Clean the surface with soft towel regularly.
4. In the unlikelihood of a product failure, do not attempt to repair.

Attention

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

Dispose of the device separately from household waste at an official collection point. Professional recycling protects people and the environment against potential negative effects.

FCC ID： 2AB2QM604WATER

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. (2) This device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party

responsible for compliance could void the user's authority to operate the equipment.

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

Note: 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.

IC NOTICE TO CANADIAN USERS

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.

This Class B digital apparatus complies with Canadian ICES-003 (Cet appareil numérique de la Classe B conforme à la norme NMB-003 du Canada).

Hereby, Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU