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Zuomeng ZM-132

Zuomeng WiFi Solar Wave Pool Alarm

Model: ZM-132

1. Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Zuomeng WiFi Solar Wave Pool Alarm (Model ZM-132). This device is designed to enhance safety around pools and spas by detecting water disturbances and alerting users via an audible alarm and smartphone notifications. Please read this manual thoroughly before use to ensure optimal performance and safety.

2. Safety Information

- This pool alarm is a supplementary safety device and should not replace adult supervision.
- Ensure the alarm is always active when the pool is not in use or unsupervised.
- Regularly test the alarm's functionality as described in this manual.
- Keep the indoor hub in a location where the alarm can be clearly heard by all occupants.
- Do not attempt to modify or repair the device yourself. Contact customer support for assistance.
- Ensure the solar panel on the floating sensor is exposed to direct sunlight for optimal charging.

3. Package Contents

Verify that all items are present in your package:

- 1x Zuomeng Floating Pool Sensor (with integrated solar panel)
- 1x Indoor WiFi Hub
- 1x Rope for securing the sensor
- 1x User Manual



Image: Components of the Zuomeng WiFi Pool Alarm, showing the floating sensor, indoor hub, and securing rope, along with their approximate dimensions.

4. Product Overview

The Zuomeng WiFi Solar Wave Pool Alarm system consists of two main units:

- **Floating Pool Sensor:** This unit floats on the water surface, detects disturbances, and is powered by an integrated solar panel. It features an LCD screen displaying water temperature, wave amplitude, and battery status.
- **Indoor WiFi Hub:** This unit receives signals from the floating sensor and triggers an audible alarm. It connects to your home WiFi network to send notifications to your smartphone via the GeniLife App.



Image: The Zuomeng WiFi Pool Alarm system, featuring the floating sensor and the indoor WiFi hub.

5. Setup and Installation

5.1. App Download and Account Setup

1. Download the **GeniLife App** from the Google Play Store (for Android) or the Apple App Store (for iOS).
2. Open the app and create a new account or log in if you already have one.
3. Ensure Bluetooth, WiFi, and Cellular Data are enabled on your smartphone.
4. Grant necessary permissions to the GeniLife App, including Bluetooth and Location access, to allow it to discover and connect to devices on your network.

5.2. Device Pairing

1. Plug in the Indoor WiFi Hub to a power outlet indoors, ensuring it is within range of your home WiFi network and the pool sensor.
2. On the GeniLife App, tap 'Add Device' or the '+' icon to begin the pairing process.
3. Hold the pairing button on the Indoor WiFi Hub until the light flashes, indicating it is in pairing mode.

4. The app will search for nearby devices. Once the 'Product' (your pool alarm) is discovered, tap 'Add'.
5. Enter your 2.4GHz WiFi network name and password when prompted. The device does not support 5GHz WiFi networks.
6. Follow the on-screen instructions to complete the pairing process. The device is successfully added when the app confirms it.

Your browser does not support the video tag.

Video: Instructions on how to use the GeniLife App for Android systems, covering download, login, and device pairing.

Your browser does not support the video tag.

Video: Instructions on how to use the GeniLife App for iOS systems, covering download, login, and device pairing.

5.3. Physical Installation

- Place the floating pool sensor on the water surface of your pool or spa.
- Use the provided rope to secure the sensor to the edge of the pool, preventing it from drifting into skimmers or jets, which could cause false alarms or damage.
- Ensure the solar panel on the sensor is facing upwards and has unobstructed exposure to sunlight for continuous charging.
- Position the Indoor WiFi Hub in a central location within your home, ensuring it is within the 500ft wireless range of the pool sensor for reliable communication. Consider factors like walls and obstructions that may reduce signal strength.

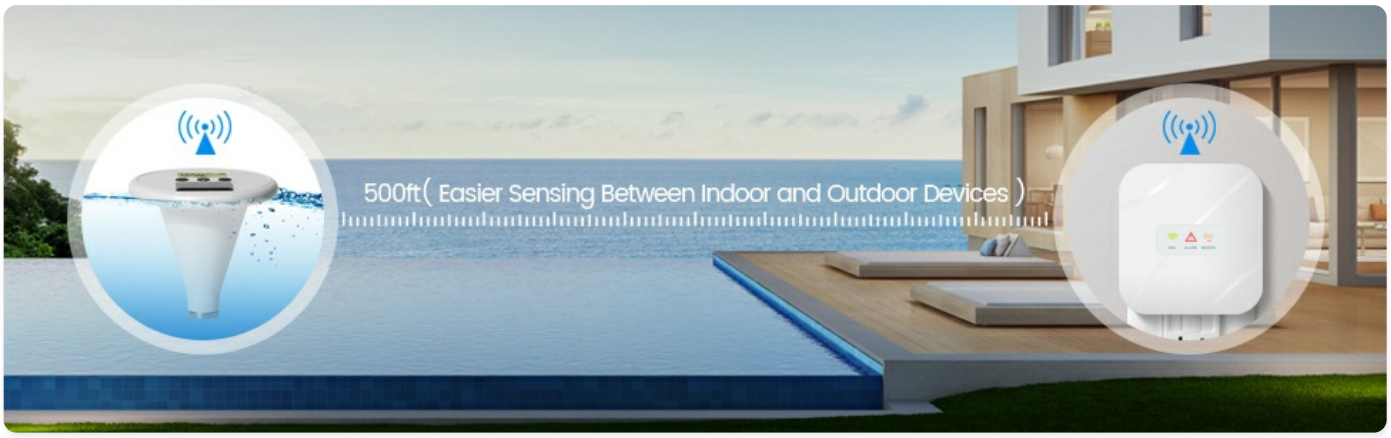


Image: Illustration of the 500ft wireless range between the pool sensor and the indoor hub, facilitating indoor and outdoor device sensing.

5.4. Multiple Alarms for Large Pools

For pools larger than 20 x 40 ft, it is recommended to use more than one pool alarm to ensure comprehensive coverage and accurate detection across the entire water surface.

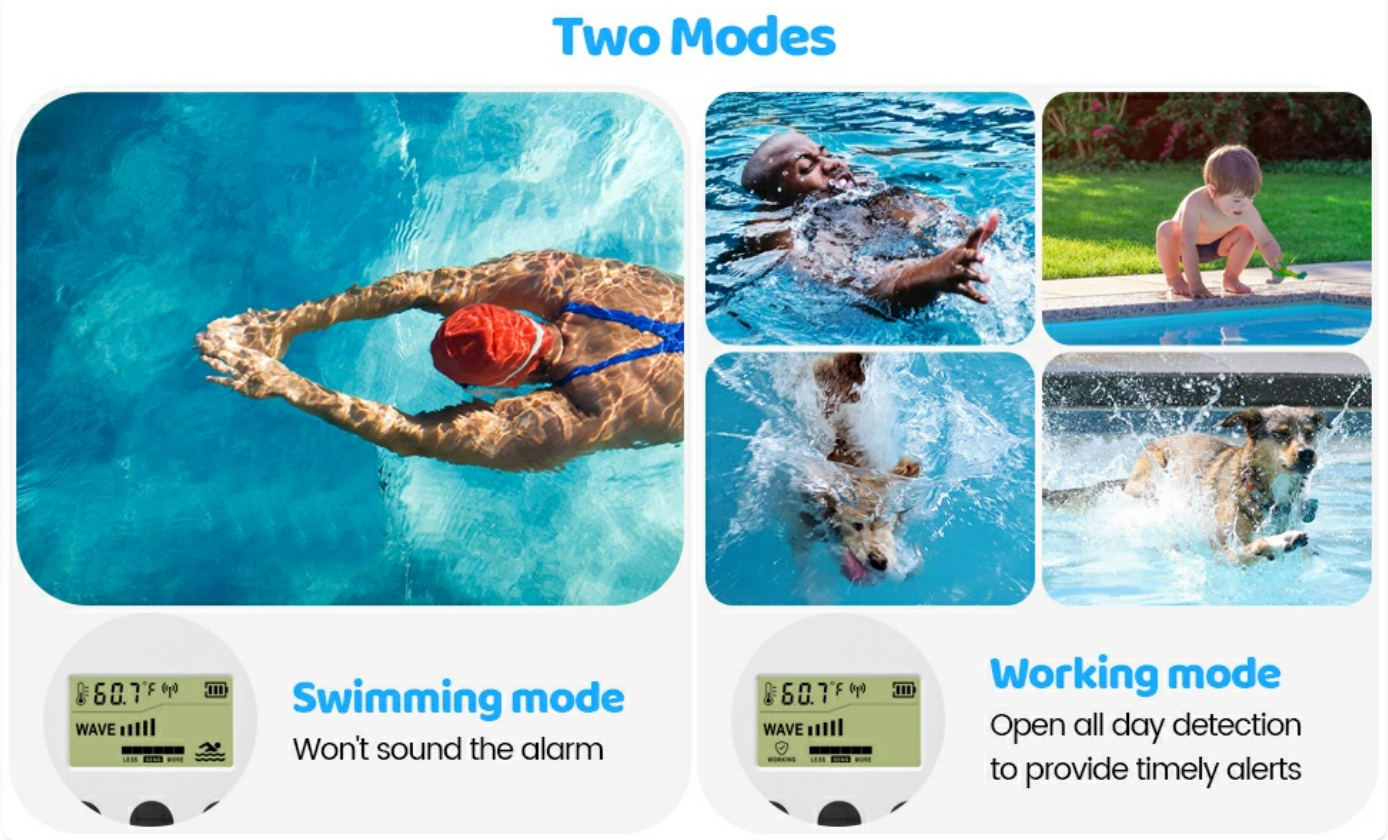


Image: Recommended placement of multiple pool alarms for different large swimming pool configurations.

6. Operating Instructions

6.1. Working Modes

The pool alarm offers two operational modes:

- **Working Mode:** This is the active monitoring mode. Any significant disturbance on the water surface will trigger the alarm.
- **Swimming Mode:** This mode temporarily deactivates the alarm, allowing for swimming or pool maintenance without triggering alerts. If you forget to switch back, the device will automatically revert to Working Mode after two hours.

You can switch between modes using the dedicated button on the floating sensor or via the GeniLife App.

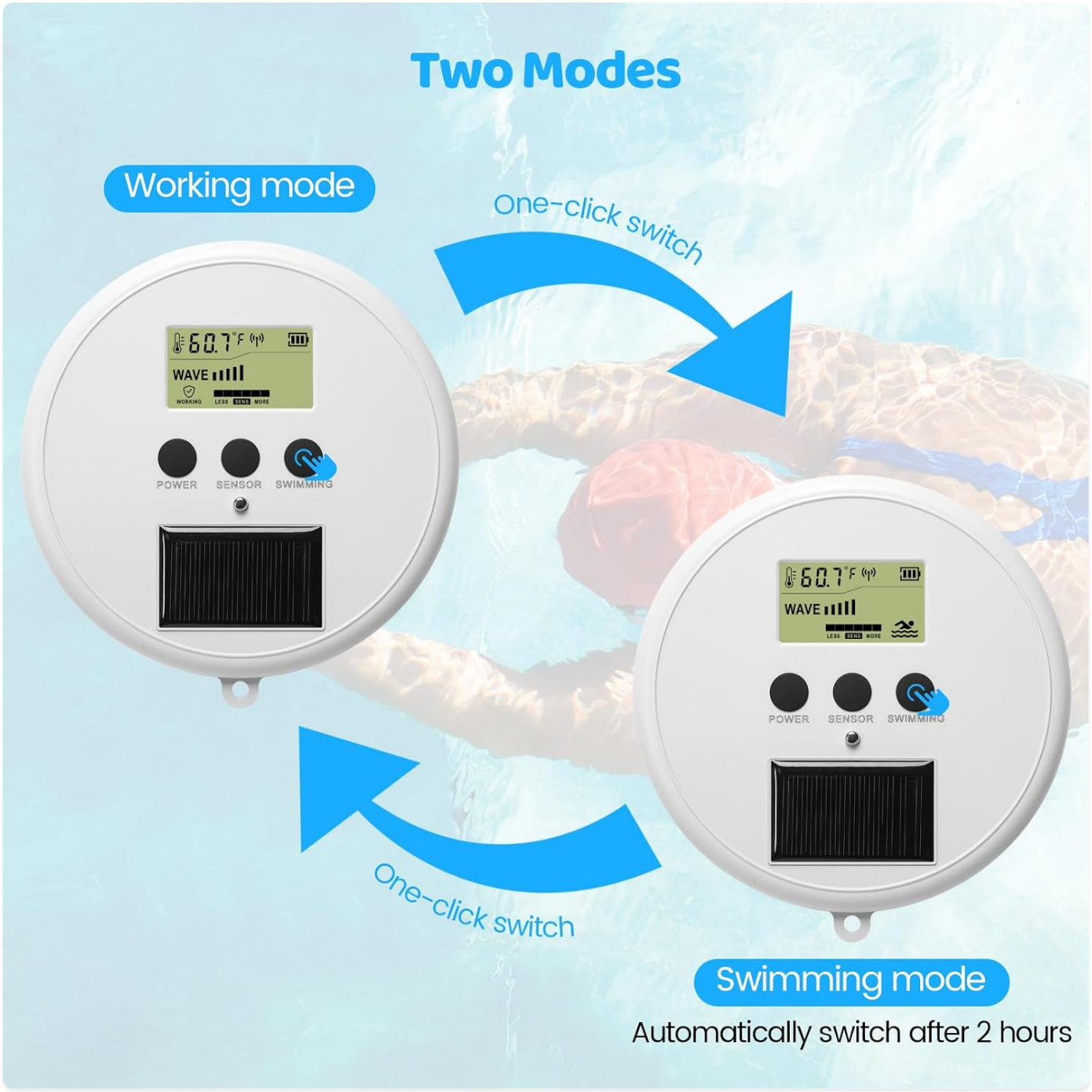


Image: Visual representation of the Working Mode and Swimming Mode, highlighting the one-click switch and automatic return to Working Mode.

6.2. App Control and Notifications

The GeniLife App provides comprehensive control and monitoring features:

- **Real-time Monitoring:** View water temperature, wave amplitude, and battery status directly on the app, synchronized with the sensor's LCD screen.
- **Sensitivity Adjustment:** Adjust the sensor's sensitivity level via the app to minimize false alarms while maintaining effective detection.
- **Remote Alarm Control:** Turn off the alarm sound or switch modes remotely.
- **Alerts:** Receive instant app notifications when the alarm is triggered. SMS and phone call notifications may be available through the app, potentially incurring additional fees.



Image: GeniLife App interface demonstrating smart control features, including sensitivity adjustment and display of water temperature and wave data.

7. Maintenance

7.1. Cleaning

- Periodically clean the floating sensor, especially the solar panel, to ensure efficient charging. Use a soft cloth and mild detergent if necessary.
- Ensure the sensor's underside is free from debris or algae buildup that could affect its wave detection capabilities.

7.2. Power and Battery

The floating sensor is solar-powered, eliminating the need for manual charging or battery replacement. Ensure the solar panel receives adequate sunlight daily.

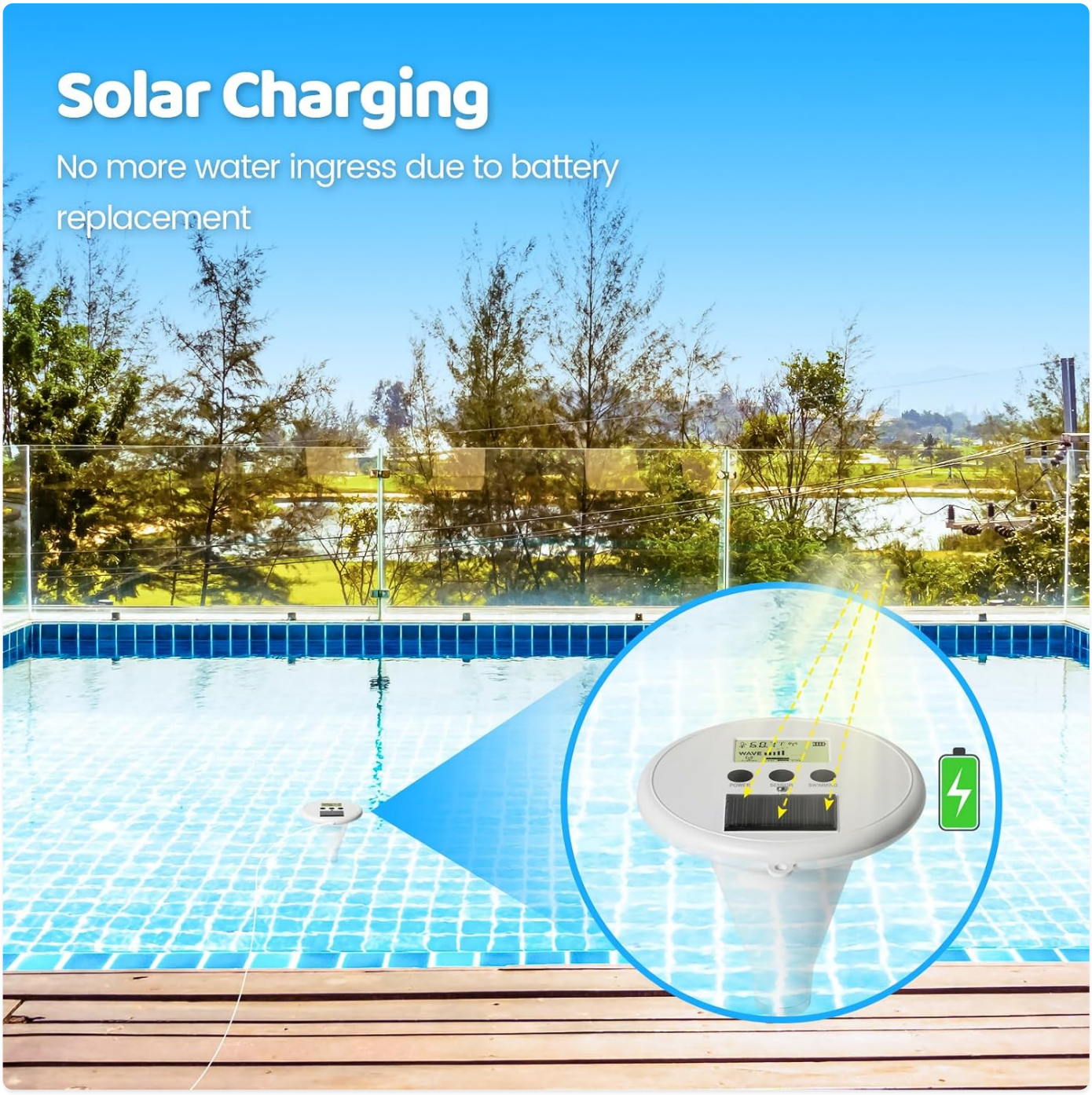


Image: The floating pool sensor utilizing solar charging, eliminating the need for battery replacement and preventing water ingress.

7.3. Waterproofing

The floating sensor is designed with IP68 waterproofing, making it suitable for continuous use in pool and spa environments. The indoor hub is not waterproof and should be kept in a dry location.

8. Troubleshooting

- **Alarm not sounding/Device not staying on:**
  - Ensure the solar panel on the floating sensor is clean and receiving direct sunlight.
  - Check the battery status on the sensor's LCD screen or via the GeniLife App.
  - Verify the device is in 'Working Mode'.
- **No alarm outside/Poor signal:**

- Relocate the Indoor WiFi Hub closer to the pool sensor.
- Minimize obstructions (e.g., thick walls, metal siding) between the sensor and the hub.
- Ensure the hub is connected to a stable 2.4GHz WiFi network.

- **False alarms:**
  - Adjust the sensitivity setting via the GeniLife App to a lower level.
  - Ensure the sensor is not directly in the path of pool jets or skimmers.
  - Heavy rain or strong winds can sometimes trigger alarms; consider temporarily switching to 'Swimming Mode' during such conditions if desired.

- **App connectivity issues/Device not syncing:**
  - Ensure your smartphone has a stable internet connection and Bluetooth is enabled.
  - Verify the Indoor WiFi Hub is powered on and connected to your 2.4GHz WiFi network.
  - If issues persist, try restarting the app, then unplugging and replugging the hub, and finally restarting the floating sensor.
  - Ensure all necessary app permissions (Bluetooth, Location) are granted.

9. Specifications

Feature	Specification
Brand	Zuomeng
Model Number	ZM-132
Control Method	App
Sensor Technology	Ultrasonic Sensor
Power Source	Solar Powered
Voltage	12 Volts (DC)
Item Weight	1.19 pounds
Product Dimensions	2 x 3 x 1 inches (Sensor: 5.1" diameter, 4.9" height; Hub: 3.2" x 3.4" x 1")
Waterproofing	IP68 (Sensor)
Wireless Range	Up to 500ft (line of sight)
Compatible Devices	Smartphone, Tablet

10. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your

product packaging or visit the official Zuomeng website. Protection plans may be available for purchase separately to extend coverage beyond the standard warranty period.

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