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Irfora LAKUSE22933-3

Irfora Tuya Wifi Multifunctional Weather Station

User Manual

1. Product Overview

The Irfora Tuya Wifi Multifunctional Weather Station is designed to provide accurate indoor and outdoor temperature and humidity readings, along with weather forecasts and smart home integration. It consists of a main display unit and multiple wireless sensors, allowing you to monitor environmental conditions across various locations in your home or office.



Image: The main weather station display unit and three compact wireless sensors.

2. Key Features

- **5.3-inch Large LCD Display:** Provides clear and easy-to-read information.
- **Color Screen Digital Sensor:** Ensures accurate temperature and humidity detection.
- **Automatic Weather Data Synchronization:** Obtains and synchronizes weather data automatically.
- **APP Intelligent Control:** Easy operation and multi-functional control via the Smart Life app, with APP sharing capabilities.
- **Alarm Functions:** Includes air pressure, wind speed, temperature, and humidity alarm settings.

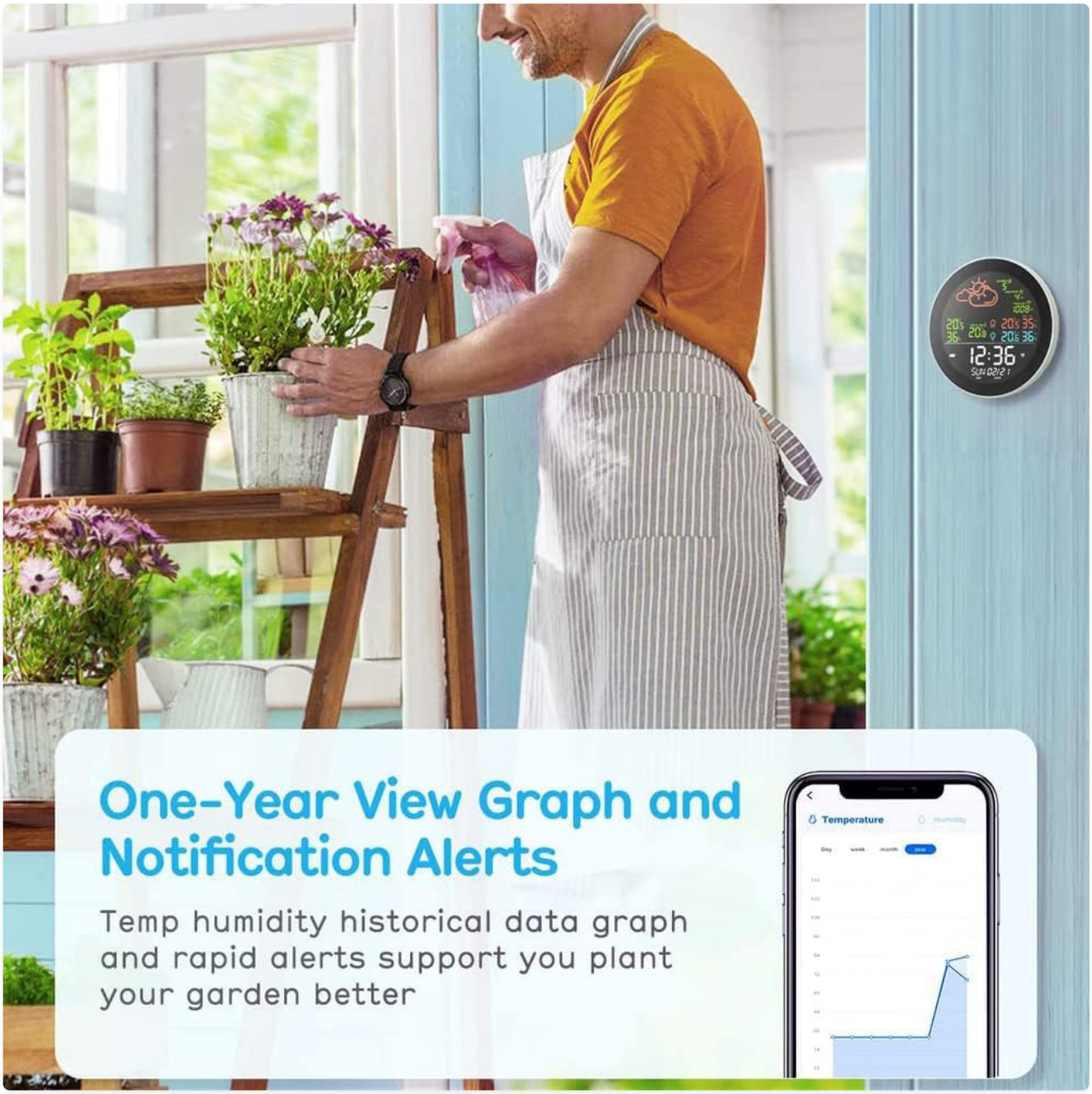


Image: The mobile application interface showing historical temperature and humidity data graphs and notification alerts.



Image: Examples of the weather station placed in various home environments, demonstrating its compact and versatile design.

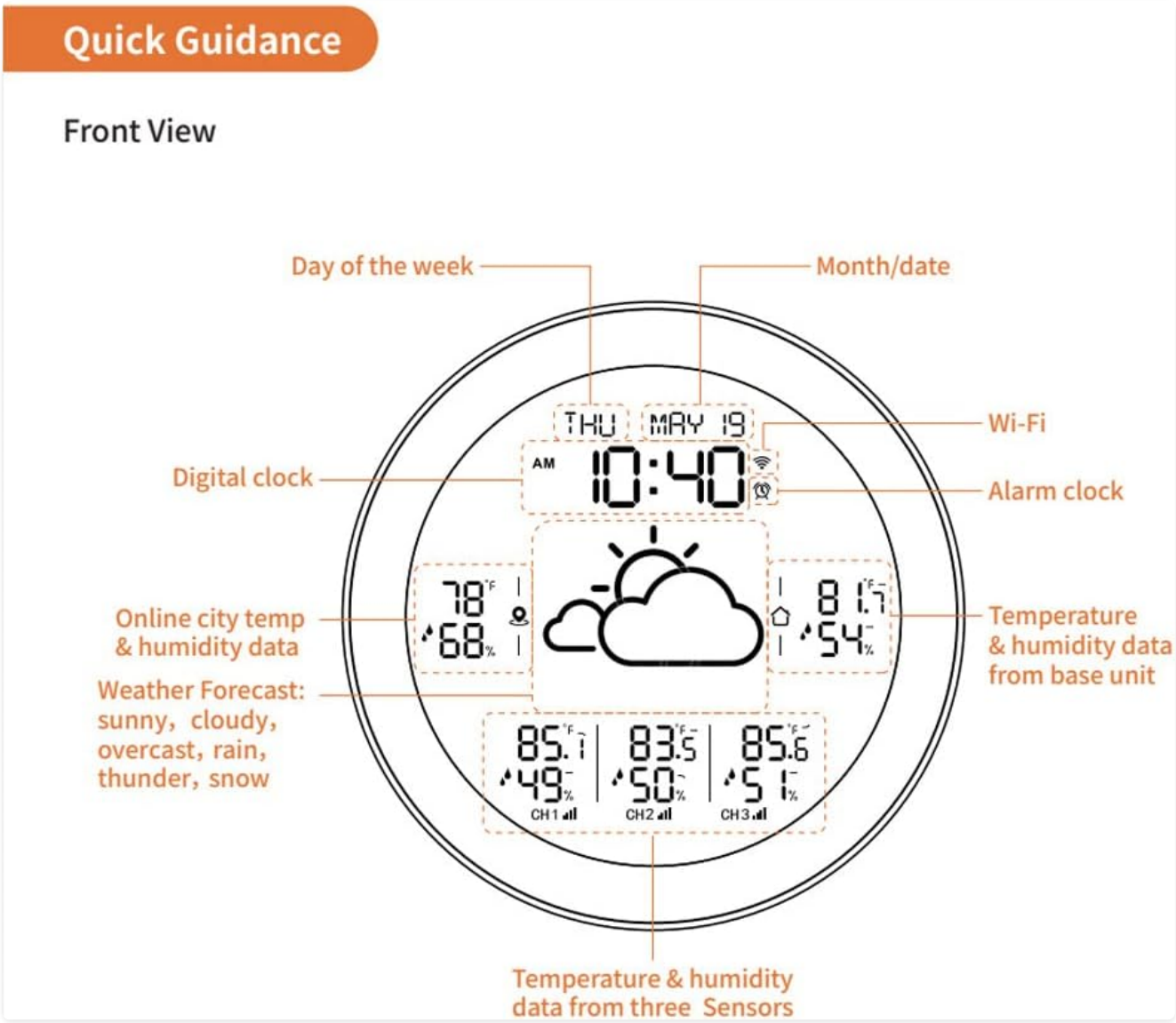


Image: An illustrative diagram demonstrating the weather station's whole-home coverage capability with up to three remote sensors, providing data from different rooms.

3. Package Contents (Set B)

- 1 x Main Machine (Display Unit)
- 3 x Sensor (Outdoor/Remote Units)
- 1 x USB Cable

4. Product Components and Layout



Image: The Tuya Wifi Smart Weather Station main unit alongside a smartphone displaying the companion application, highlighting the DIY display content feature.

4.1 Main Display Unit

About the Sensor

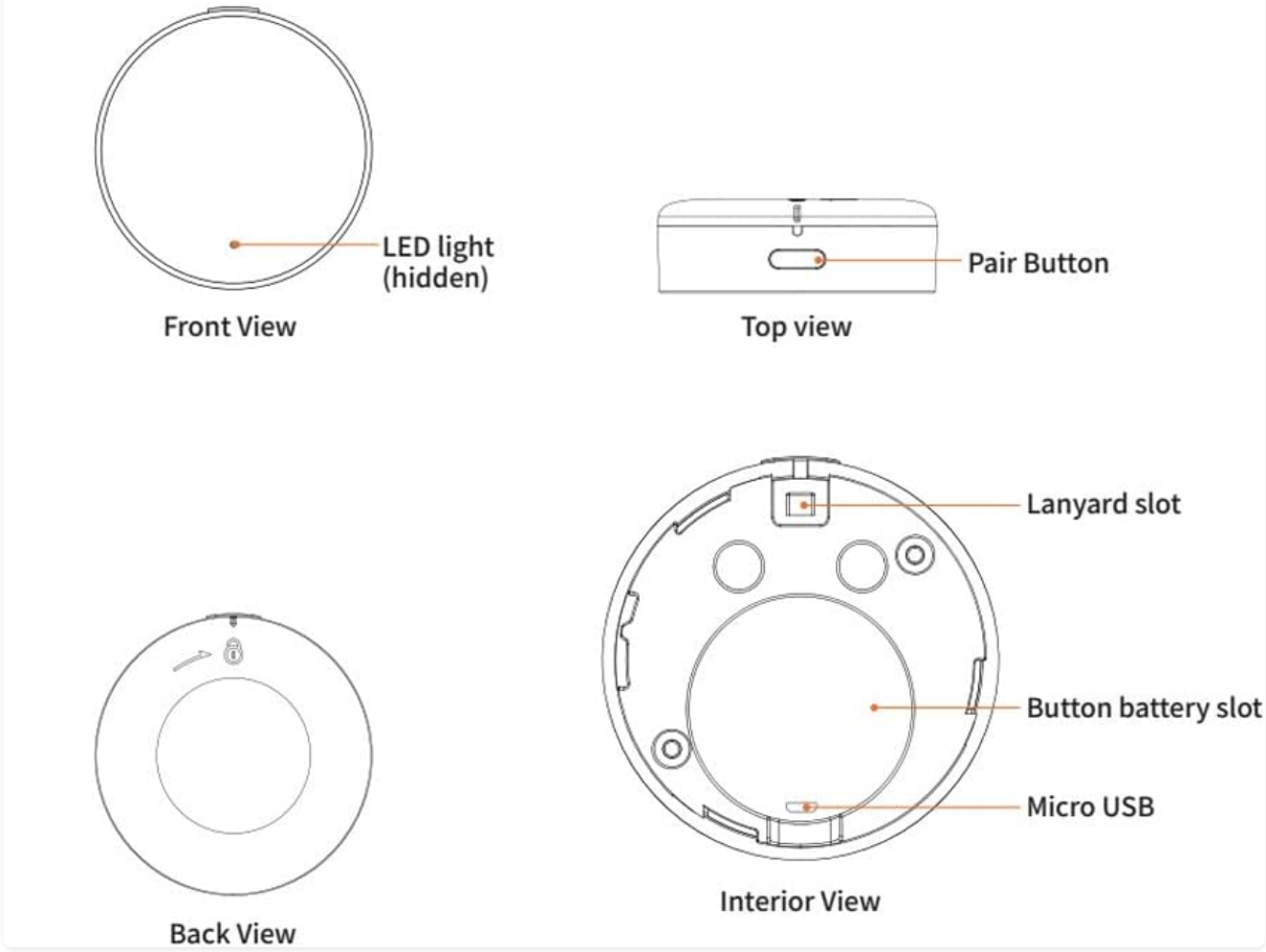


Image: A detailed diagram of the main display unit's front view, indicating the digital clock, Wi-Fi indicator, alarm clock, online city temperature and humidity data, weather forecast, and temperature/humidity data from up to three sensors.



Image: Diagrams illustrating the back and top views of the main unit, showing the hanging hole, sensor sync/reset button, WiFi setup button, power input/output ports, stand, and display brightness control.

4.2 Remote Sensor Unit

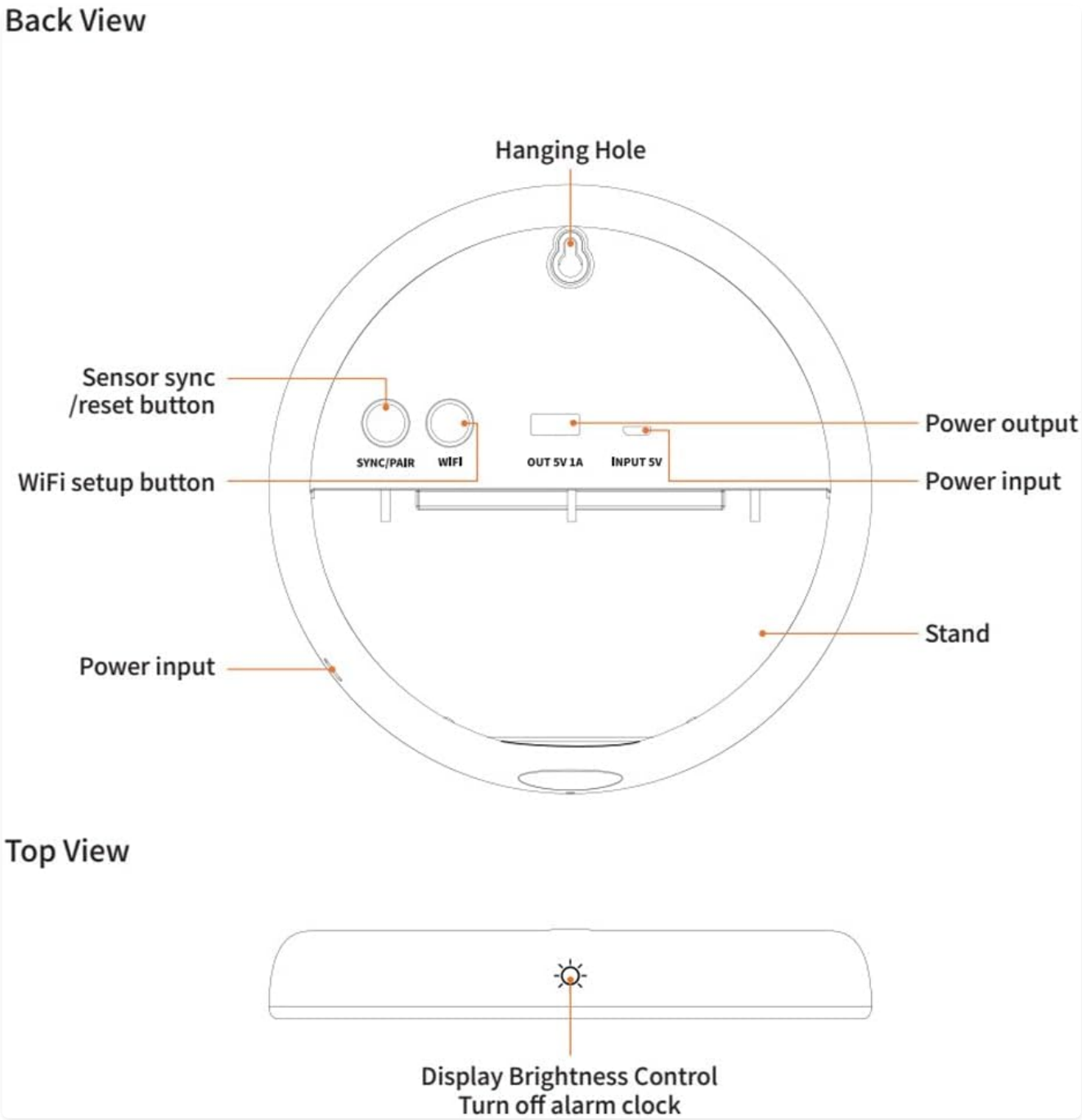


Image: Detailed diagrams of the remote sensor, showing its front view (hidden LED light), top view (pair button), back view, and interior view (lanyard slot, button battery slot, Micro USB port).

5. Setup Instructions

1. **Power On Main Unit:** Connect the main display unit to a power source using the provided USB cable and a compatible 5V, 2A adapter (not included).
2. **Install Sensor Batteries:** Open the battery compartment of each remote sensor and insert the required 3V 1000mA battery.
3. **Pair Sensors:** Press the 'SYNC/PAIR' button on the main unit and the 'Pair Button' on each sensor to establish a connection. The main unit will display readings from connected sensors.
4. **Connect to Wi-Fi and App:**
   - Download the 'Smart Life' app from your device's app store.
   - Register or log in to your Smart Life account.
   - Follow the in-app instructions to add the weather station device. This typically involves pressing the 'WiFi

setup button' on the main unit to enter pairing mode and connecting to your home Wi-Fi network.
    - Once connected, the main unit will automatically obtain weather data and synchronize with the app.
5. **Placement:** Place the main unit indoors on a desk or bedside. Position outdoor sensors in desired locations (garden, garage, orchard) within the 263ft/80m range, ensuring they are protected from direct elements if necessary.

6. Operating Instructions

- **Reading the Display:** The large LCD displays indoor and outdoor temperature/humidity, time, date, weather forecast, UV index, wind speed, and air pressure.
- **Temperature Unit:** Switch between Celsius (°C) and Fahrenheit (°F) as desired.
- **Humidity Unit:** Displayed in Relative Humidity (RH%).
- **App Control:** Use the Smart Life app to view historical data, set alarms for temperature, humidity, air pressure, and wind speed, and customize display content.
- **Alarm Clock Function:** Set and manage alarms directly from the main unit or via the app.
- **Display Brightness:** Adjust the display brightness using the control button on the top of the main unit.

7. Maintenance

- **Cleaning:** Wipe the main unit and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Sensor Battery Replacement:** When the sensor battery indicator appears on the main unit or in the app, replace the battery in the respective sensor.
- **Optimal Placement:** Ensure sensors are not exposed to direct sunlight or extreme weather conditions for prolonged periods, which can affect accuracy and lifespan.

8. Troubleshooting

- **No Display on Main Unit:** Ensure the USB cable is securely connected and the power adapter is functioning.
- **Sensor Not Connecting/No Readings:**
    - Check sensor battery.
    - Ensure sensor is within range (80m/263ft) of the main unit.
    - Re-pair the sensor by pressing the 'SYNC/PAIR' button on the main unit and the 'Pair Button' on the sensor.
- **Wi-Fi Connection Issues:**
    - Ensure your Wi-Fi network is 2.4GHz (5GHz is not supported).
    - Check Wi-Fi signal strength at the main unit's location.
    - Restart your router and the main unit.
    - Follow the app's troubleshooting steps for Wi-Fi pairing.
- **Inaccurate Readings:**
    - Ensure sensors are not in direct sunlight or near heat/cold sources.
    - Allow time for readings to stabilize after initial setup or relocation.

9. Specifications

Feature	Detail
Type	Set B (Main Machine + 3 Sensors)
Color	White + Black Accents
Material	ABS + PC
Input	100-240V, 50/60Hz (Main Unit)
Output	5V, 2A (Main Unit)
Temperature Display Unit	℃ / ℉
Humidity Display Unit	RH%
Temperature Range & Accuracy	-20 to 60℃, ±0.5℃
Humidity Range & Accuracy	0%~99%, ±2%RH
Operating Temperature	-20 to 60℃
Sensor Battery	3V 1000mA
Main Machine Size	160 x 23.5mm / 6.30 x 0.93in
Sensor Size	45 x 15mm / 1.77 x 0.59in
Connectivity Technology	Wi-Fi
Power Source	Battery Powered (Sensors), Corded Electric (Main Unit)

10. Warranty and Support

For any product inquiries, technical support, or warranty claims, please refer to the seller's contact information or the platform where the product was purchased. Keep your purchase receipt as proof of purchase for warranty purposes.

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