YZDTECH Remote Sensor

YZDTECH Digital Indoor Outdoor Wireless Remote Sensor Instruction Manual

Model: Remote Sensor (SEN250929001)

Important Compatibility Notice

This digital indoor outdoor wireless remote sensor is **only compatible** with YZDTECH weather station models: **5087-3, 5065-3A, and 5065-3S**. It is **not compatible with any other models**. Please verify your existing weather station model before purchasing or attempting to pair this sensor.

Product Overview

The YZDTECH Digital Indoor Outdoor Wireless Remote Sensor is designed to provide accurate temperature and humidity readings for various environments. It transmits data wirelessly to a compatible YZDTECH weather station, allowing you to monitor conditions in multiple locations.

- **High Precision:** Measures temperature in Celsius or Fahrenheit and humidity in percentage relative humidity (%RH).
- **Wireless Transmission:** Offers a transmission range of up to 200ft (60m) in open areas.
- **Versatile Placement:** Suitable for monitoring conditions in baby rooms, storage rooms, wine cellars, vegetable sheds, and other indoor or outdoor locations.
- **Compact Design:** Small size for easy installation and discreet placement.
- **Battery Powered:** Operates on 2 x AA batteries (not included).



The YZDTECH Wireless Remote Sensor is pictured alongside a compatible weather station display, demonstrating how the two devices work together to provide comprehensive weather data.

Setup Instructions

1. **Install Batteries:** Open the battery compartment on the back of the sensor. Insert 2 x AA batteries, ensuring correct polarity (+/-). Close the battery compartment securely.
2. **Placement:** Choose a suitable location for the sensor. For outdoor use, select a shaded area away from direct sunlight and rain to ensure accurate readings. For indoor use, place it in the desired monitoring area. The sensor features mounting holes on the back for wall installation.
3. **Pairing with Weather Station:** Once batteries are installed, the sensor will begin transmitting data. Refer to your compatible YZDTECH weather station's instruction manual for specific steps on how to pair the remote sensor and display its readings. Typically, this involves initiating a sensor search function on the weather station.



This image shows the YZDTECH Wireless Remote Sensor installed on an exterior wall, indicating its suitability for outdoor use. The display shows current temperature and humidity readings.

Operating Instructions

The remote sensor operates automatically once batteries are installed and it is paired with a compatible weather station. It continuously measures and transmits temperature and humidity data.

- **Data Display:** The sensor's small LCD screen displays the current temperature (in °C or °F) and humidity (%RH). The channel number (e.g., CH1) may also be visible, indicating which channel the sensor is transmitting on.
- **Reading Data:** All transmitted data will be displayed on your compatible YZDTECH weather station. Refer to your weather station's manual for details on how to view and interpret the readings, including switching between Celsius and Fahrenheit if applicable.
- **Transmission Range:** The sensor has a maximum transmission range of 200ft (60m) in an open area. Walls, floors, and other obstructions can significantly reduce this range. Position the sensor and weather station to minimize interference.



The sensor is shown on an indoor desk, demonstrating its compact size and suitability for indoor placement.

Maintenance

- **Battery Replacement:** When the display on the sensor or your weather station indicates low battery, replace the 2 x AA batteries promptly. Always replace both batteries at the same time with new ones.
- **Cleaning:** Wipe the sensor's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the casing or electronic components.
- **Optimal Placement:** Periodically check the sensor's placement. Ensure it is not exposed to extreme conditions beyond its operating range, or in locations that might obstruct its wireless signal.



This image illustrates the YZDTECH Wireless Remote Sensor mounted on an interior wall, highlighting its discreet design for indoor environments.

Troubleshooting

- **No Display on Sensor:**
  Solution: Check if batteries are correctly installed and not depleted. Replace with fresh AA batteries.
- **No Readings on Weather Station:**
  Solution: Ensure the sensor is within the transmission range of the weather station. Check for obstructions (thick walls, metal objects) between the sensor and the weather station. Re-initiate the pairing process on your weather station as per its manual. Verify that the sensor is compatible with your weather station model (5087-3, 5065-3A, or 5065-3S).
- **Inaccurate Readings:**
  Solution: Ensure the sensor is placed in a location free from direct sunlight, heat sources, or excessive moisture, which can affect accuracy. Allow the sensor to stabilize for 15-30 minutes after placement or battery change.
- **Intermittent Signal Loss:**
  Solution: Relocate the sensor or weather station to improve line-of-sight. Avoid placing near electronic devices that may

cause interference.

Specifications

Brand	YZDTECH
Model	Remote Sensor (SEN250929001)
Connectivity Technology	Wireless
Display Data	Temperature (°C or °F), Humidity (%RH)
Power Source	2 x AA Batteries (not included)
Transmission Range	Up to 200ft / 60m (in open area)
Item Weight	68 g
Color	White

Warranty and Support

For warranty information, please refer to the documentation provided with your original purchase or contact the retailer where the product was acquired. Specific warranty terms may vary.

If you encounter any issues not covered in this manual or require further assistance, please contact YZDTECH customer support or the seller directly for technical support.

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Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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