

Urageuxy WS0170BKY

Urageuxy Wireless Indoor/Outdoor Thermometer with 3 Sensors

Model: WS0170BKY

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1. INTRODUCTION

Thank you for purchasing the Urageuxy Wireless Indoor/Outdoor Thermometer with 3 Sensors. This device provides accurate, real-time temperature and humidity readings for up to four locations simultaneously (one indoor, three outdoor/remote). It features a clear LCD display with backlight, comfort indicators, and records of daily maximum and minimum values. This manual will guide you through the setup, operation, and maintenance of your new thermometer.

2. SAFETY INFORMATION

- Do not expose the main unit or sensors to extreme force, shock, dust, temperature, or humidity.
- Do not immerse the main unit in water. The remote sensors are splash-proof but should not be submerged.
- Do not attempt to open the main unit or sensors. This will void the warranty.
- Use only fresh batteries of the specified type. Do not mix old and new batteries.
- Dispose of used batteries responsibly, following local regulations.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- 1 x Main Display Unit (Indoor Console)
- 3 x Wireless Remote Sensors

- 1 x Instruction Manual

4. PRODUCT OVERVIEW

Main Display Unit

The main display unit shows indoor temperature and humidity, along with readings from up to three remote sensors. It features a large LCD screen with a backlight for easy viewing.



This image illustrates the main display unit and one remote sensor, highlighting key features such as thermometer, hygrometer, backlight LCD display, multi-channel support, 328ft/100m transmission, °C/°F switcher, min/max record, and comfort icons.



The rear view of the main display unit shows the Wall Mounted hole, MIN/MAX Switcher, °C/°F Switcher, CHANNEL Switcher, Battery Compartment, and Tabletop Stand. It requires 3 AAA batteries (not included).

Wireless Remote Sensors

Each remote sensor measures temperature and humidity and transmits data wirelessly to the main unit. They are designed for outdoor use but should be placed in a sheltered location to avoid direct rain or prolonged sun exposure.

5. SETUP

5.1 Battery Installation

For the Main Display Unit:

1. Open the battery compartment cover on the back of the main unit.
2. Insert 3 AAA batteries (not included) according to the polarity markings (+ and -).
3. Close the battery compartment cover.

For the Wireless Remote Sensors:

1. Open the battery compartment cover on the back of each sensor.
2. Insert 2 AAA batteries (not included) according to the polarity markings (+ and -).
3. Close the battery compartment cover.



This image illustrates the battery installation for both the main display unit (requiring 3 AAA batteries) and the remote sensors (each requiring 2 AAA batteries). Batteries are not included.

5.2 Sensor Pairing

The main unit will automatically search for and connect to the remote sensors once batteries are installed. Ensure both the main unit and sensors are within range during initial setup.

- Place the main unit and sensors close to each other during the initial pairing process.
- The main unit will display readings for each connected sensor (CH1, CH2, CH3).
- If a sensor does not connect, press the 'CHANNEL' button on the main unit to cycle through channels or press the 'RESET' button on the sensor to re-initiate pairing.

5.3 Sensor Placement Guidelines

For optimal performance and accurate readings, consider the following:

- **Transmission Range:** The wireless sensors have a transmission range of up to 328 feet (100 meters) in open areas. Walls, metal structures, and other electronic devices can reduce this range.
- **Outdoor Placement:** While splash-proof, place outdoor sensors under a roof or in a sheltered area to protect them from direct rain and prolonged direct sunlight.
- **Avoid Heat Sources:** Do not place sensors near heat sources (e.g., vents, appliances) or in direct sunlight, as this can lead to inaccurate temperature readings.
- **Multiple Locations:** Utilize the three sensors to monitor different areas such as a greenhouse, baby room, wine cellar, kitchen, or garage.

Monitor 3 Different Places

328ft/100m transmission range in open area



This image shows the main display unit monitoring three different locations (CH1, CH2, CH3) with remote sensors placed in a nursery, bedroom, and on a wall, demonstrating the multi-channel capability.

328FT/100M Transmission Range in Open Area



This image demonstrates the 328ft/100m transmission range in open areas, showing remote sensors placed outside a house, in an office, and in a bedroom, all transmitting data to the main unit.



This image highlights various multi-channel application scenarios for the thermometer, including a baby room, office, wine cellar, and greenhouse, showcasing its versatility.

6. OPERATING INSTRUCTIONS

6.1 Display Readings

The LCD screen displays the following information:

- **Indoor Temperature & Humidity:** Shown at the top of the display.
- **Remote Sensor Readings:** Temperature and humidity for each connected sensor (CH1, CH2, CH3) are displayed below the indoor readings.
- **Comfort Icons:** Indicates the current humidity level (DRY, COMFORT, WET).
- **Trend Indicators:** Arrows next to temperature and humidity values show if they are rising, falling, or stable.

6.2 °C/°F Switcher

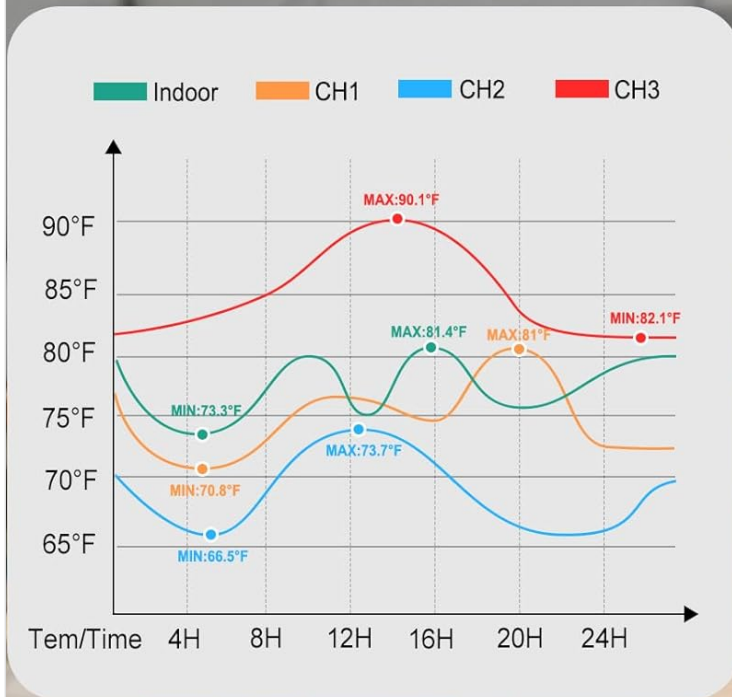
To switch between Celsius (°C) and Fahrenheit (°F), press the '°C/°F' button located on the back of the main unit.

6.3 MAX/MIN Records

The device automatically records the daily maximum and minimum temperature and humidity values for both indoor and all remote sensors. These records reset every 24 hours.

- Press the 'MIN/MAX' button on the back of the main unit to view the maximum recorded values.
- Press the 'MIN/MAX' button again to view the minimum recorded values.
- Press a third time to return to current readings.

INDOOR OUT THERMOMETER WITH MAX/MIN RECORD



This image displays a graph illustrating the 24-hour maximum and minimum temperature records for indoor and three remote channels (CH1, CH2, CH3), providing a visual trend of temperature changes over time.



This image shows the main display unit alongside graphs for temperature and humidity, illustrating how trend indicators help monitor changes and how the device records and stores maximum and minimum values within 24 hours.

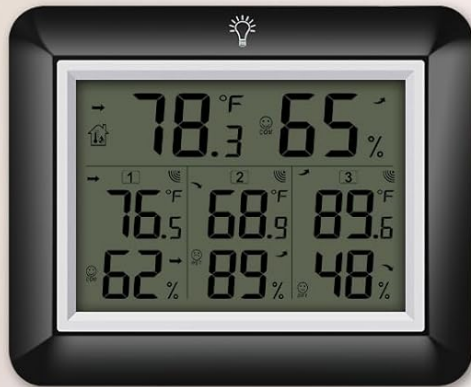
6.4 Backlight Operation

The main unit features an adjustable backlight for improved visibility in low-light conditions.

- Touch the light bulb icon on the top of the main unit to activate the backlight for 5 seconds.
- Press and hold the light bulb icon for more than 5 seconds to keep the backlight on for 30 minutes.

LARGE BACKLIGHT LCD SCREEN

Touch the backlight button for 5 seconds, the backlight is always on for 30 minutes



VS




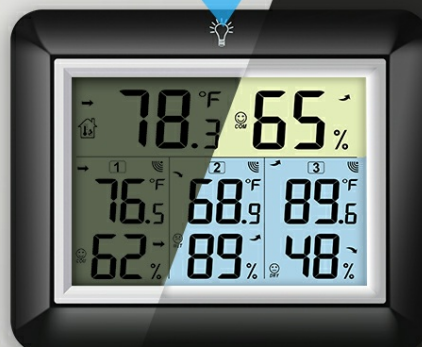
Easy to read even in the dark

This image compares the display visibility of the main unit in a bright environment versus a dark environment, demonstrating how the backlight makes it easy to read even in the dark.

LCD SCREEN WITH BACKLIGHT FOR EASY VIEWING

Press and hold for more than 5 seconds to keep the backlight on for 30 minutes

 Light up for 5S



This image highlights the LCD screen with its backlight feature, explaining that a touch lights it up for 5 seconds, and a press and hold for more than 5 seconds keeps the backlight on for 30 minutes, ensuring easy viewing.

6.5 Comfort Indicator

The comfort indicator provides a quick visual reference for the current humidity level, helping you maintain an ideal environment.

- **DRY:** Humidity < 45%
- **COMFORT:** 45% ≤ Humidity ≤ 65%
- **WET:** Humidity > 65%

Comfort Indicator Assisting you in making healthier lifestyle choices

DRY Humidity < 45%

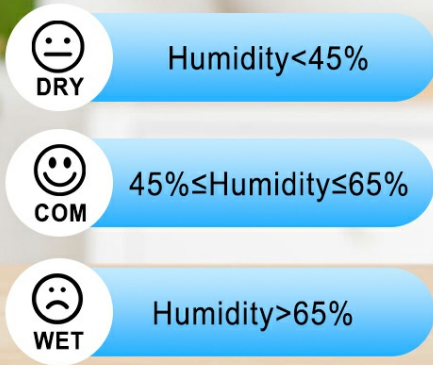
COM 45% ≤ Humidity ≤ 65%

WET Humidity > 65%

Rhinitis **Headache** **Arthritis** **Tracheitis**

This image explains the comfort indicator icons: DRY (Humidity < 45%), COMFORT (45% ≤ Humidity ≤ 65%), and WET (Humidity > 65%), assisting in making healthier lifestyle choices by monitoring humidity levels.

3 COMFORT INDICATOR



This image shows the main display unit with the three comfort indicators (DRY, COMFORT, WET) clearly visible, providing an easy way to understand the current humidity conditions.

7. MAINTENANCE

7.1 Cleaning

Wipe the main unit and sensors with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the plastic components and electronic circuits.

7.2 Battery Replacement

Replace batteries when the low battery indicator appears on the display. Always replace all batteries in a unit at the same time with new ones of the same type.

7.3 Storage

If the device will not be used for an extended period, remove the batteries from both the main unit and sensors to prevent leakage and damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on main unit.	Batteries are dead or incorrectly installed.	Replace batteries with new ones, ensuring correct polarity.
Remote sensor not displaying readings or showing '---'.	<ol style="list-style-type: none">1. Sensor out of range.2. Batteries are dead.3. Interference.4. Sensor not paired.	<ol style="list-style-type: none">1. Move sensor closer to the main unit.2. Replace sensor batteries.3. Move away from other electronic devices.4. Press the 'RESET' button on the sensor and then cycle channels on the main unit.
Inaccurate readings.	<ol style="list-style-type: none">1. Sensor exposed to direct sunlight or heat source.2. Poor ventilation around sensor.	<ol style="list-style-type: none">1. Relocate sensor to a shaded, well-ventilated area.2. Ensure proper airflow around the sensor.

Problem	Possible Cause	Solution
Backlight not working.	Low battery or malfunction.	Replace main unit batteries. If issue persists, contact support.

9. SPECIFICATIONS

- **Brand:** Urageuxy
- **Model:** WS0170BKY
- **Indoor Temperature Range:** 32°F to 140°F (0°C to 60°C)
- **Outdoor Temperature Range:** -40°F to 140°F (-40°C to 60°C)
- **Temperature Accuracy:** ±2°F / ±1°C
- **Humidity Range:** 10% to 99% RH
- **Humidity Accuracy:** ±5% RH
- **Wireless Transmission Range:** Up to 328 feet (100 meters) in open areas
- **Power Source (Main Unit):** 3 x AAA batteries (not included)
- **Power Source (Remote Sensor):** 2 x AAA batteries (not included)
- **Special Features:** Backlit LCD, Comfort Indicator, Min/Max Record, Fast Refresh
- **Material:** Acrylonitrile Butadiene Styrene (ABS)
- **Product Dimensions (Main Unit):** 0.78"D x 4.33"W x 0.78"H (approx.)
- **Item Weight:** 9.9 ounces (0.28 Kilograms)

10. WARRANTY & SUPPORT

10.1 Warranty Information

Urageuxy products are manufactured to high-quality standards. This product is covered by a limited warranty against defects in materials and workmanship for a period of one year from the original purchase date. This warranty does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

10.2 Customer Support

If you encounter any issues or have questions regarding your Urageuxy Wireless Indoor/Outdoor Thermometer, please contact our customer support team. For the quickest assistance, please refer to the contact information provided on the product packaging or the official Urageuxy website.

Online Support: Visit the [Urageuxy Store on Amazon](#) for FAQs and product information.

Your browser does not support the video tag.

This video provides a visual overview of the Urageuxy Indoor Outdoor Thermometer with 3 Remote Sensors, demonstrating its features and functionality.