

## Urageuxy WS0214

# Urageuxy Weather Station WS0214 User Manual

Wireless Indoor Outdoor Weather Station with Remote Sensor

## 1. INTRODUCTION

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Thank you for choosing the Urageuxy Wireless Indoor Outdoor Weather Station. This device provides comprehensive weather monitoring, including indoor and outdoor temperature, humidity, wind speed, wind direction, dew point, and more. Designed for ease of use and reliable performance, this manual will guide you through the setup, operation, and maintenance of your new weather station.

For optimal performance, please read this manual thoroughly before initial use and retain it for future reference.

## 2. SAFETY INFORMATION

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- Do not expose the display console to extreme temperatures, direct sunlight, or moisture.
- Ensure the outdoor sensor is mounted securely to prevent damage from wind or falling.
- Use only the specified power adapter for the display console.
- Do not mix old and new batteries, or different types of batteries, in the outdoor sensor.
- Keep the device out of reach of children.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support if issues arise.

## 3. PACKAGE CONTENTS

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Carefully unpack all components and ensure everything listed below is present and in good condition. If any items are missing or damaged, please contact customer support.

- 1x Display Console
- 1x Integrated Wind Sensor
- 1x Remote Thermo-hygro Sensor
- 1x Foot Mounting (with pole insert)
- 1x Mounting Bracket Back Plate (pole mount)
- 1x Mounting Pole
- 2x Pole mounting nuts (M3) / bolts (Ø3)

- 4x Pole mounting nuts (M5) / bolts (Ø5)
- 4x Tapping screws
- 1x Instruction Manual
- 1x Power Adapter



Image: All components included in the weather station package.

## 4. PRODUCT OVERVIEW

### 4.1 Display Console

The main display unit shows all collected weather data. It features a large, easy-to-read LCD display with adjustable backlight brightness. It can be placed on a table using its integrated stand or mounted on a wall.

# EASY TO READ WITH LARGE LCD DISPLAY

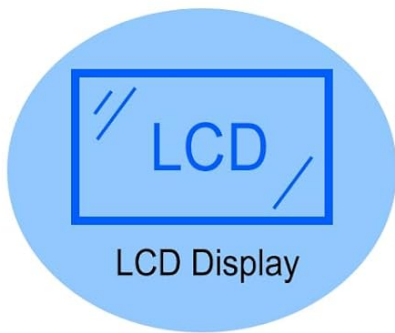


Image: Dimensions of the display console and outdoor sensor.

## 4.2 Integrated Wind Sensor

This unit measures wind speed and direction. It also includes a solar panel for power and a mounting pole for outdoor installation.





- **Wind Sensor:** Use the provided mounting pole, foot mounting, and bracket to secure the wind sensor to a railing, fence, or pole. Ensure it is level for accurate wind direction readings. Both vertical and horizontal installation options are available.
- **Thermo-hygro Sensor:** This sensor can be placed or mounted in a suitable outdoor location within the wireless transmission range.



Image: Outdoor sensor installation guide showing vertical and horizontal mounting.

### 5.3 Sensor Synchronization

Once both the display console and outdoor sensors are powered on, they should automatically attempt to synchronize. Ensure the sensors are within the wireless transmission range (up to 328 feet / 100 meters in open areas, less under most conditions). If synchronization fails, try pressing the 'Channel' or 'Sync' button on the display console and the reset button on the outdoor sensor (if available) to re-establish connection.

## Table Stand



## 3 Levels of Backlight Brightness Adjustable



100%



60%



30%



OFF

## Wall Mount



Image: Wireless transmission range illustration.

## 6. OPERATION

### 6.1 LCD Display Overview

The display console provides a clear, comprehensive overview of all current weather data. It shows indoor/outdoor temperature and humidity, wind speed (gust and average), wind direction, date, time, and alarm status.



# Weather Station Anemometer



Temperature



Humidity



Wind Speed  
Direction



Time & Date



Alarm



Image: Detailed view of the weather station display.

## 6.2 Backlight Adjustment

The display console features adjustable backlight brightness for comfortable viewing in various lighting conditions. Use the dedicated button (often labeled 'ADJUST' or a light bulb icon) to cycle through different brightness levels (e.g., 100%, 60%, 30%, Off).

# Outdoor Sensor Installation

(Mount to a railing or pole in an open space at least 4.92 ft off the ground)



Image: Backlight brightness adjustment options.

## 6.3 Setting Time and Date

Refer to the specific instructions in your manual for setting the time, date, and calendar. Typically, this involves pressing a 'SET' button and using 'ADJUST' or '+' / '-' buttons to change values.

## 6.4 Customizable Alerts

The weather station allows you to set personalized alerts for specific weather conditions, such as high/low temperature thresholds, humidity levels, or wind gusts. Consult your manual for detailed steps on how to configure these alerts.

## 6.5 Min/Max Records

The display console tracks minimum and maximum readings for various parameters (e.g., temperature, humidity, wind speed) over a period. Use the 'MIN/MAX' button to view these records.

## 7. MAINTENANCE

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- **Cleaning:** Wipe the display console and outdoor sensors with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in the outdoor sensors annually or when the low battery indicator appears on the display console. Ensure correct polarity.
- **Outdoor Sensor Check:** Periodically check the outdoor wind sensor for any debris (leaves, dirt) that might obstruct the wind cups or vane. Ensure the mounting is still secure.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No outdoor data displayed / Sensor not syncing	Batteries low or dead in outdoor sensor; Sensor out of range; Interference; Sensor not properly paired.	Replace batteries in outdoor sensor. Move sensor closer to display console. Avoid placing near large metal objects or electronics. Re-pair sensor by pressing sync/reset buttons.
Incorrect temperature/humidity readings	Sensor exposed to direct sunlight or heat source; Sensor placed in an enclosed area.	Relocate outdoor sensor to a shaded, well-ventilated area. Ensure indoor console is not near heat/cold sources.
Wind readings are inaccurate or zero	Wind cups/vane obstructed; Sensor not level; Binding in mechanism.	Clear any debris from wind cups/vane. Ensure sensor is mounted level. Check if wind cups spin freely.
Display is dim or unreadable	Backlight setting too low; Power adapter issue; Viewing angle.	Adjust backlight brightness. Ensure power adapter is securely connected. Try viewing from a different angle.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	WS0214
Product Dimensions	0.98 x 3.5 x 7.5 inches (Display Console)
Weight	2.64 Pounds
Power Source (Display)	Power Adapter (Included), 4xAAA Batteries (Not Included)
Connectivity Technology	Wireless
Wireless Transmission Distance	Up to 328 feet (100 meters) in open area
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Manufacturer	Urageuxy
First Available Date	November 14, 2024

## 10. WARRANTY AND SUPPORT

Urageuxy is committed to providing high-quality products. For warranty information, technical support, or any questions

regarding your weather station, please refer to the contact information provided with your purchase or visit the official Urageuxy website. Please have your model number (WS0214) and purchase details ready when contacting support.

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