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### techno line WD3000

# WD3000 Weather Station User Manual

Model: **WD3000** | Brand: **techno line**

## 1. Introduction

Thank you for choosing the techno line WD3000 Weather Station. This device provides comprehensive weather data, including indoor and outdoor temperature and humidity, a 4-day weather forecast, barometric pressure, UV index, moon phase, and sunrise/sunset times. It also integrates with the Tuya Smart application for convenient data access and management on your mobile device.
This manual provides detailed instructions for setting up, operating, and maintaining your WD3000 Weather Station. Please read this manual thoroughly before use and keep it for future reference.

## 2. Safety Information

- Do not expose the main unit or outdoor sensor to extreme temperatures, direct sunlight, or excessive moisture.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.
- Dispose of used batteries responsibly according to local regulations.
- Keep the device out of reach of children.

## 3. Package Contents

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

- WD3000 Weather Station Main Unit
- TX205DTY Outdoor Sensor
- Power Adapter for Main Unit
- User Manual

*Note: 2 x AAA Micro LR03 batteries for main unit backup and 2 x AA Mignon LR06 batteries for the outdoor sensor are not included and must be purchased separately.*

# 4. Product Overview




**Figure 4.1:** Front view of the WD3000 Weather Station main unit, displaying various weather parameters and forecast icons.






**Figure 4.2:** The WD3000 Weather Station main unit shown alongside its compact TX205DTY outdoor sensor, which transmits external temperature and humidity data.

The WD3000 Weather Station consists of a main display unit and a wireless outdoor sensor. The main unit features a large, clear display showing all relevant weather information at a glance. The outdoor sensor is designed to be placed outside to accurately measure external temperature and humidity.

## 5. Setup

### 5.1 Powering the Main Unit

1. Insert 2 x AAA Micro LR03 batteries (not included) into the battery compartment on the back of the main unit. These batteries serve as a backup in case of power outage.
2. Connect the provided power adapter to the DC input port on the main unit and plug it into a standard wall outlet. The display will light up.

### 5.2 Installing the Outdoor Sensor

1. Insert 2 x AA Mignon LR06 batteries (not included) into the battery compartment of the TX205DTY outdoor sensor.
2. Place the outdoor sensor in a shaded, dry location away from direct sunlight and rain, ensuring good air

circulation. Avoid placing it near metal objects or large electrical appliances that could interfere with the wireless signal.

3. The main unit will automatically search for and connect to the outdoor sensor. This may take a few minutes. Once connected, the outdoor temperature and humidity will be displayed on the main unit.

## 5.3 App Installation and Pairing (Tuya Smart)

The WD3000 Weather Station can be connected to the Tuya Smart app for enhanced features and remote monitoring.

1. Download the "Tuya Smart" app from the Apple App Store (for iOS devices) or Google Play Store (for Android devices).
2. Open the app and create an account or log in if you already have one.
3. Follow the in-app instructions to add your WD3000 Weather Station. Ensure your main unit is powered on and your mobile device is connected to a 2.4GHz Wi-Fi network during the pairing process.



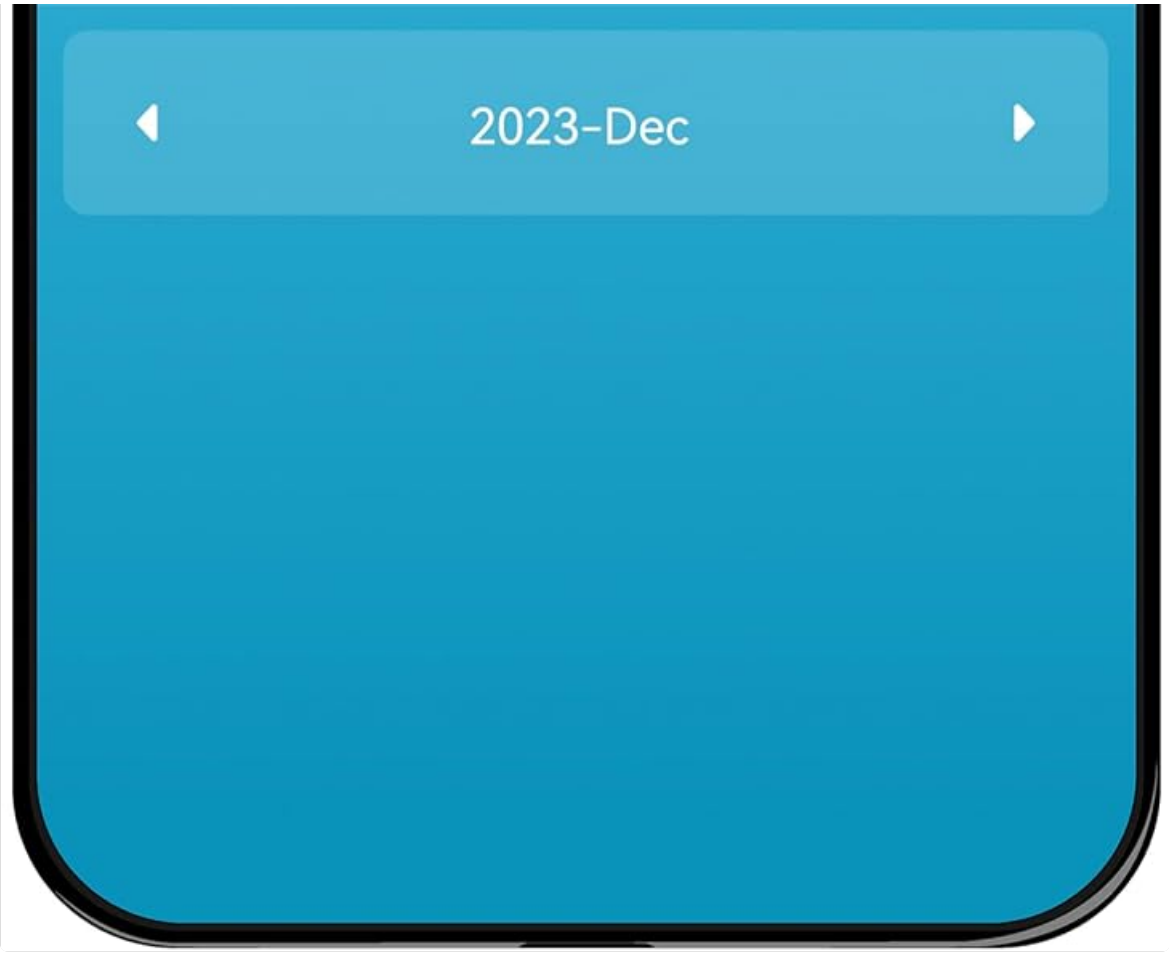


**Figure 5.1:** Screenshot of the Tuya Smart app displaying current weather conditions and a multi-day forecast, mirroring data from the weather station.




**Figure 5.2:** Screenshot of the Tuya Smart app showing a historical temperature graph, allowing users to track temperature trends over time.

## 6. Operating Instructions

### 6.1 Display Overview

The main unit's display is organized to provide all essential information clearly:

- **Time and Calendar:** Displays current time and date.
- **Indoor Temperature and Humidity:** Readings from the main unit's internal sensors.
- **Outdoor Temperature and Humidity:** Readings transmitted from the outdoor sensor.
- **Weather Forecast:** Icons indicating weather predictions for today and the next four days, along with maximum and minimum temperatures.
- **Barometric Pressure:** Current atmospheric pressure reading.
- **UV Index:** Displays the current UV index level.
- **Feels Like Temperature:** Perceived temperature, accounting for humidity and wind.
- **Moon Phase:** Graphical representation of the current moon phase.
- **Sunrise and Sunset Times:** Displays local sunrise and sunset times.

### 6.2 Time and Date Setting

The weather station typically synchronizes time and date automatically via its internet connection once paired with

the Tuya Smart app. If manual adjustment is needed, refer to the specific button functions on the device or within the app settings.

### 6.3 Weather Forecast Features

The station provides a 4-day weather forecast, showing predicted weather conditions (sunny, cloudy, rainy, etc.) and corresponding high/low temperatures for each day. This forecast is generated based on collected atmospheric data and external weather service information via the app connection.

### 6.4 App Features (Tuya Smart)

The Tuya Smart app extends the functionality of your weather station:

- **Remote Monitoring:** View current and historical weather data from anywhere.
- **Data Logging:** Access graphs and logs of temperature and humidity trends over time.
- **Alerts:** Set custom alerts for temperature or humidity thresholds.
- **Unit Conversion:** Easily switch between Celsius/Fahrenheit and other units.

## 7. Maintenance

### 7.1 Battery Replacement

Replace batteries in the main unit (AAA) and outdoor sensor (AA) when the low battery indicator appears on the display or in the app. Ensure correct polarity when inserting new batteries.

### 7.2 Cleaning

Wipe the main unit and outdoor sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the surfaces. Ensure the devices are dry before reconnecting power.

## 8. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| No display on main unit. | Power adapter not connected or faulty; backup batteries depleted. | Ensure power adapter is securely connected. Replace backup batteries. |
| Outdoor sensor not connecting. | Sensor batteries depleted; sensor too far from main unit; interference. | Replace sensor batteries. Move sensor closer to main unit. Avoid placing near large metal objects or electronics. Re-pair if necessary. |
| Incorrect time/date. | No internet connection for automatic sync; manual setting error. | Ensure main unit is connected to Wi-Fi via Tuya Smart app. Manually adjust time/date if automatic sync fails. |
| App not displaying data. | Weather station not connected to Wi-Fi; app not synced. | Check Wi-Fi connection of the weather station. Restart the app. Re-pair the device with the app if needed. |

## 9. Specifications

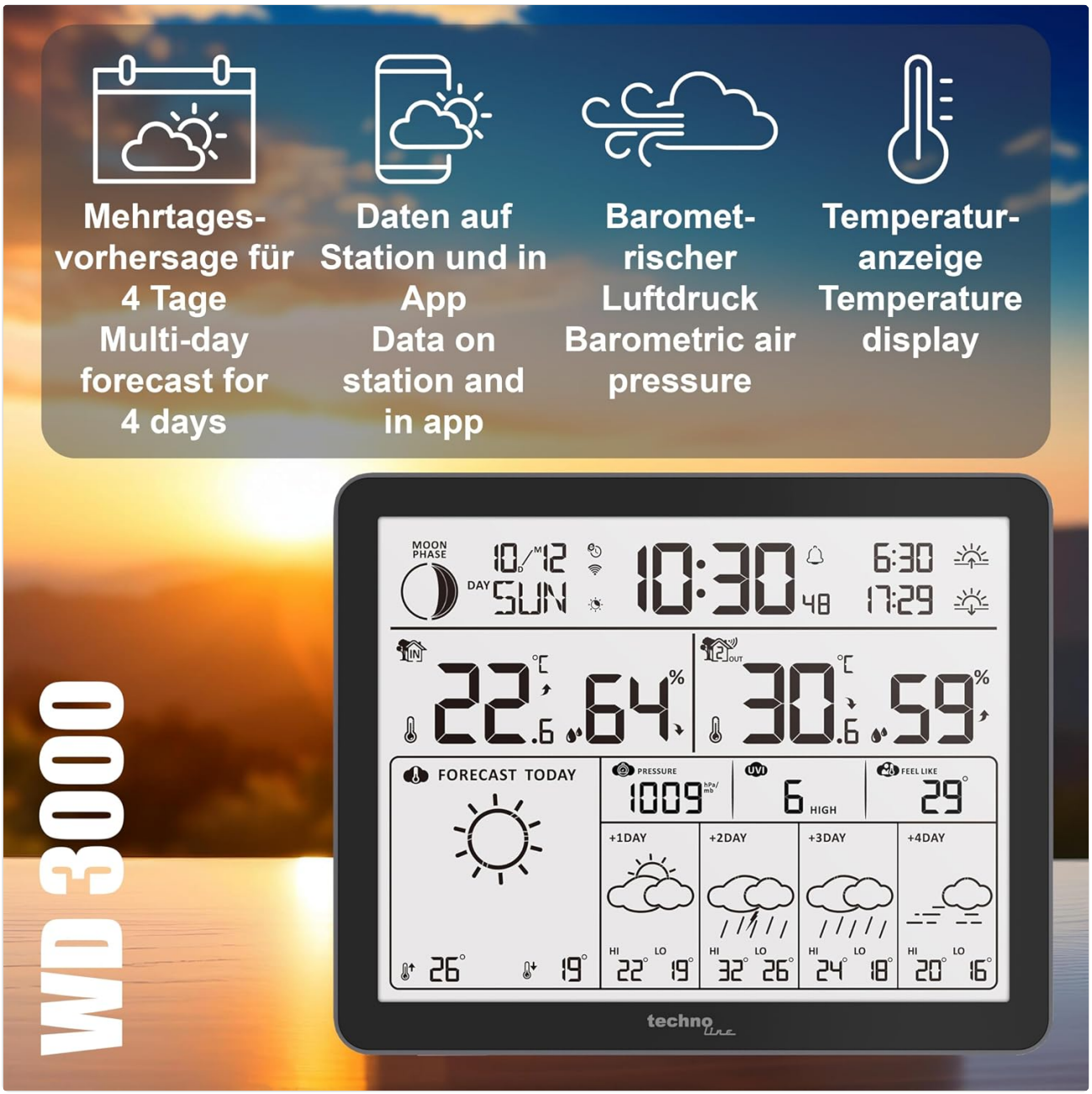


**Figure 9.1:** Diagram showing the dimensions of the WD3000 Weather Station main unit (172mm x 140mm) and the TX205DTY outdoor sensor (40mm x 102mm x 26mm).

| Feature | Detail |
|---|---|
| Model Number | WD3000 |
| Brand | techno line |
| Main Unit Dimensions (W x H x D) | 172 x 140 x 25 mm |
| Outdoor Sensor Dimensions (W x H x D) | 40 x 102 x 26 mm |
| Main Unit Power | Power adapter (included), 2 x AAA Micro LR03 (backup, not included) |
| Outdoor Sensor Power | 2 x AA Mignon LR06 (not included) |
| Connectivity Technology | 433 MHz or 868 MHz (sensor), Wi-Fi (app) |

| Feature | Detail |
|---|---|
| Temperature Accuracy | ±1 °C |
| Recommended Use | Home, Temperature monitoring |
| Special Feature | Alarm (via app) |
| Color | Black |

## 10. Warranty and Support

For warranty information and technical support, please refer to the contact details provided by techno line or your point of purchase. Keep your proof of purchase for warranty claims.
For app-related issues, please consult the help section within the Tuya Smart application or their official support channels.


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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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