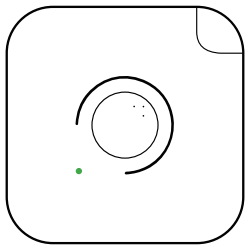


UbiBot WS1-B



USER GUIDE

PACKAGE LIST



① Device



② Type-C Cable

* Please use the supplied Type-C data cable.

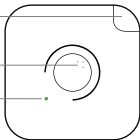
Some Type-C cables support charging only and cannot be used with the PC Tools.

INTRODUCTION

Ambient
Light
Sensor

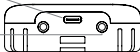
Power
Button

Indicator



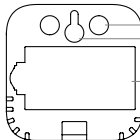
Type-C
Port

Temperature
Sensor Port



Mounting Magnets
Hanging Hole

Battery
Compartment



DEVICE OPERATIONS



TO CHECK IF THE DEVICE IS ON or OFF

Press the button once. If the device is on, it will beep and the indicator will normally flash green. If the device does not beep, it is off.

- **Switch On**

Press and hold the button for 3 seconds until the device beeps once and the indicator starts blinking green. Release the button and the device is now on.

- **Switch Off**

Press and hold the button for 3 seconds until the device beeps once and the indicator turns off. Release the button and the device is now off.

- **Setup Mode**

Switch off the device. Press and hold the button for approximately 8 seconds. Release the button after the second beep, when the indicator starts flashing alternately red and green.

DEVICE OPERATIONS

- **Restore Factory Settings**

With the device switched off, press and hold the button for approximately 15 seconds. Release the button when the red indicator lights up. The device will then restore its factory settings.

- **Manual Data Synchronization**

When the device is switched on, press the button once to trigger manual data synchronization. The indicator will flash green while the data is being transferred. If the server cannot be contacted, the indicator will flash red once.



RESTORING THE FACTORY SETTINGS WILL ERASE ALL LOCALLY STORED DATA AND DEVICE CONFIGURATION. BEFORE PROCEEDING, SYNCHRONIZE THE DATA WITH THE PLATFORM OR EXPORT IT TO YOUR COMPUTER.

DEVICE SETUP OPTIONS

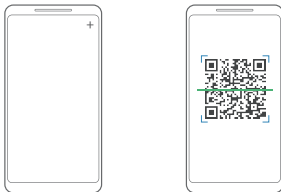
Option 1: Using the UbiBot App

STEP 1.

Download the app from www.ubibot.com/setup, or search for "UbiBot Connect" in the Apple App Store or Google Play.

STEP 2.

Launch the app and log in. On the home page, tap "+" to start adding your device. Then please follow the in-app instructions to complete the setup. You can also view the demonstration video at www.ubibot.com/setup for step-by-step guidance.



DEVICE SETUP OPTIONS

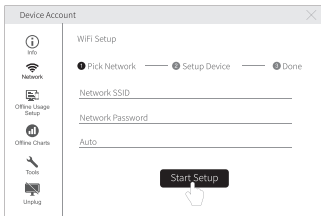
Option 2: Using PC Tools

Download the tool at www.ubibot.com/setup.

This desktop application can be used to set up the device, diagnose setup failures, view the MAC address and offline charts, and export data stored in the device's internal memory.



If setup through the mobile app fails, try using the PC Tools. The issue may be related to phone compatibility, system permissions, or the network environment. The PC Tools are compatible with both macOS and Windows.



TECHNICAL SPECIFICATIONS

-  Batteries: 2 x AA alkaline batteries
-  Ports: 1 x Type-C port, 2 x external temperature sensor ports
-  Built-in memory: Stores up to 240,000 sensor readings
-  WiFi bands: 2.4 GHz and 5 GHz
-  Housing material: ABS
-  Internal sensors: Temperature, humidity, ambient light and vibration*
-  External sensors: Supports up to 2 external temperature sensors (optional extra)
-  Operating conditions: -20°C to 60°C (-4°F to 140°F), 10% to 90% RH, non-condensing

* Available on selected models. Please refer to the model purchased.

Sensor accuracy may be affected by extreme environmental conditions, even when suitable batteries are used. Avoid operating the device outside the specified conditions.

FAQ

1. Unable to set up the device using the UbiBot app

Several factors may affect the setup process. Check the following:

- a) Setup mode: Setup mode: Make sure the device is in setup mode. The indicator should flash alternately red and green.
- b) WiFi band: Make sure the router is operating on a WiFi band and channel supported in your country or region.
- c) WiFi password: Make sure the password is correct.
- d) WiFi security : Open, WEP and WPA/WPA2 are supported.
- e) 2.4 GHz WiFi channel width: Make sure it is set to 20 MHz or Auto.
- f) Battery problems: WiFi communication requires sufficient battery power. Your device may be able to power on but may not have enough power for the WiFi. Try replacing the batteries.
- g) Try using the PC Tools, which can provide more detailed diagnostic information.

FAQ

2. Viewing Data Without a WiFi Connection

If the WiFi network is unavailable, the device will continue collecting environmental data and storing it in its internal memory.

There are three ways to access the data on the device without a WiFi connection:

- a) Move the device to an area covered by a previously configured WiFi network. Press the button to trigger a manual data sync. The indicator should flash green for a few seconds. You can now take the device back to the measurement location (Recommended).
- b) Enable the personal hotspot on your phone, and configure the device to connect to it. This can work well in situations where your devices are installed in an area with limited or no WiFi coverage.
- c) Use a laptop and the Type-C cable to connect to the device manually. You can now export the stored data to your computer using the PC Tools.

FAQ

3. Failure to sync data

- a) Check that the device is powered on. Press the button and listen for a beep. If the indicator flashes green, synchronization is working. If it flashes red once, synchronization has failed. Follow the steps below.
- b) Check that the device has sufficient battery power. WiFi communication requires more power than sensing and data logging. Connect the device to a USB power source using the supplied USB Type-C cable, or replace both batteries. Then press the button once to synchronize the data.
- c) Make sure your WiFi router has a working internet connection. Try accessing www.ubibot.com using a smartphone connected to the same WiFi network.
- d) Check that the WiFi connection is working properly. Repeat the WiFi setup if necessary.
- e) If the WiFi password or network has changed, repeat the setup.

MAINTENANCE INSTRUCTIONS

- ✓ Always follow the instructions in this manual.
- ⊕ Always mount the device on a stable surface.
- ⚠ Keep the device away from corrosive chemicals, oxidizing agents, flammable materials, and explosive atmospheres.
- ⊘ When handling the device, avoid using excessive force. Do not use sharp tools to open or disassemble the device.

TECHNICAL SUPPORT

We welcome your feedback on our products and services. If you have any questions or suggestions, please submit a support ticket through the UbiBot app. Our customer service team will respond as soon as possible during normal business hours. You may also contact your local distributor for support. Visit www.ubibot.com for regional contact information.

WARRANTY

This product is covered by a one-year limited warranty from the original date of purchase, subject to valid proof of purchase. During the warranty period, UbiBot will repair or replace products with defects in materials or workmanship under normal use.

Return procedures and shipping costs may vary by region. Contact UbiBot or an authorized local distributor before returning the product.

This warranty does not cover:

- Damage caused by misuse, improper operation, or failure to follow the instructions in this manual.
- Accidental or intentional damage, including liquid ingress, impact, deformation, or cable damage.
- Normal wear and tear, including deterioration of the housing or cables.
- Damage caused by unauthorized disassembly, modification, or repair.
- Damage caused by events beyond reasonable control, including earthquakes, fires, floods, or lightning.

This limited warranty does not affect any statutory rights available to consumers under applicable local laws.



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