

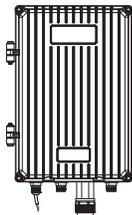
UBIBOT

LoRa Smart Outdoor Gateway GW1-O

User Manual

This user manual serves as a general guidance for all UBIBOT® LoRa Smart Outdoor Gateway. Features marked with an asterisk (*) are available only on certain models. Please refer to related instructions according to the version you purchased.

PACKAGE LIST



① Device x 1



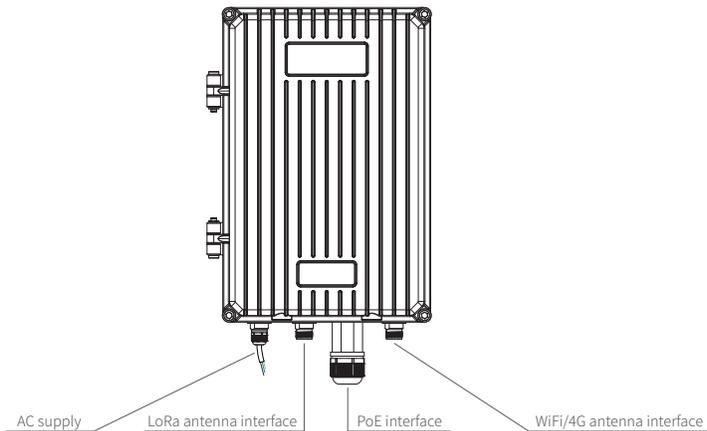
② LoRa Antenna x 1



③ WiFi/4G Antenna x 1

INTRODUCTION

1. Basic Features Introduction



2.Device Operations

Switch On/Off	After the power is plugged in/unplugged, the device will Switch On/Off automatically.
Setup Mode	With the device switched on, lift the top cover and press button for about 5 seconds until the device status indicator flashes red and green alternately. Release at this time to enter the setup mode.
Send data	Under power-on state, lift the top cover and press the button once, the green device status indicator will flash, then connect to the network and send data.
Reset to Default Settings	Under power-on state, lift the top cover and press the function button for about 15 seconds until the red device status indicator blinks, then release the button to restore factory settings.

DEVICE SETUP OPTIONS

Option 1: Using Mobile App

Download the App from www.ubibot.com/setup, or search for 'UbiBot Connect' on the App Store or Google Play.



We recommend you try to use the PC Tools in case the App setup fails, because the failure may be due to mobile phone incompatibility. The PC Tools is much easier to operate and suitable for both Mac and Windows.

Option 2: Using PC Tools

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

This Tool is a desktop app for device setup. It is also helpful in checking setup failure reasons, MAC address, and offline charts. You can also use it to export offline data stored in the device internal memory.

SETUP USING THE APP FOR WiFi CONNECTION*

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.



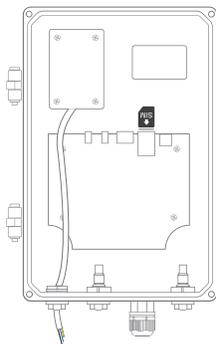
Via our app and web console (<http://console.ubibot.com>), you are able to view the readings as well as configure your device, such as create alert rules, set data syncinterval, etc. You can find and watch the demonstration videos at www.ubibot.com/setup.

SETUP USING THE APP FOR MOBILE NETWORK*

Before you setup the device on mobile data, please check the APN information of the SIM card used for the UbiBot device.

An APN (Access Point Name) provides the details your device needs to connect to mobile data through your network operator. APN details differ by network and you will need to get these from your network operator.

With the device off, insert the SIM card as indicated in the picture. Launch the app and log in. Tap the "+" to start setting up the device. Please follow the in-app instructions to complete the setup process. Please note, the setup will fail if you don't have data allowance.



SETUP USING THE APP FOR ETHERNET CABLE CONNECTION

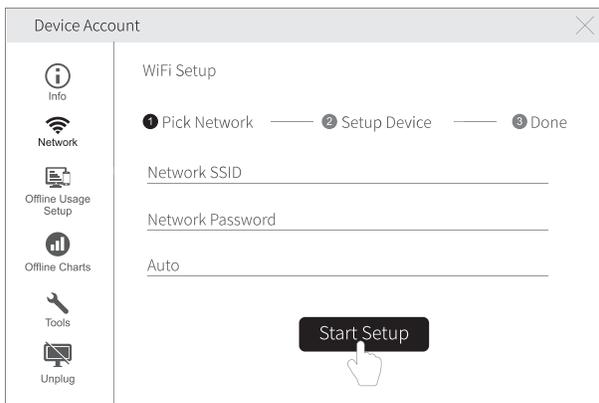
STEP 1. Connect the device with power supply and plug the Ethernet cable.

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.

SETUP USING PC TOOLS

STEP 1. Launch the App and log in. With the device switched on, use the Type-C USB cable provided to connect your device to the computer. The PC Tools will automatically scan and recognize the product ID and enter the device page.

STEP 2. Click "Network" on the left menu bar. There, you are able to set up the device on WiFi for all the models. For the SIM or Ethernet cable setup, please click on the corresponding button to continue.



DEVICE SPECIFICATION

EU868 / US915 / AU915 / IN865 / RU864 / KR920 / AS923	Aluminium alloy
AC 85~265V, PoE	1x USB Type-C (built-in)
185 x 280 x 80mm (excluding antenna)	Built-in Memory: 300,000 sensing data
Device working environment: -20 to 60°C, 10-90%RH	IP65
Supports Micro SIM card (15 x 12 x 0.8mm)	WiFi 2.4GHz, channel 1-13*
Support Ethernet RJ-45 port (10/100 Mbps, full-duplex/half-duplex auto-negotiation)	

FAQ

1. Device network configuration failure reasons

- ① Please check if the WiFi account password is correct;
- ② Please check whether the router is working properly and the network connection is normal;
- ③ Please make sure the device has entered the WiFi configuration mode;
- ④ Please check whether the WiFi band is 2.4GHz and the channel is between 1~13;
- ⑤ Please check the WiFi channel width is set to 20MHz or auto mode;
- ⑥ WiFi security type: GW1-O supports OPEN, WEP and WPA/WPA2-personal;
- ⑦ Poor signal strength, please check the WiFi or cell phone data traffic signal strength.

2. Ethernet network configuration failure reasons

- ① Please check whether the network cable is properly connected to the equipment;
- ② whether the network cable is intact;
- ③ whether the connected network can access the Internet;

If the above points are not abnormal, and you still cannot activate the device, you need to check whether the network environment allows DHCP (automatic IP allocation) devices to access the network; or re-scan the device QR code, select Ethernet access (advanced mode), and follow the APP prompts to manually assign IP to the device.

3. Reasons for failure to send device data

- ① Check whether the router is working properly;
- ② If using the mobile data traffic provided by the SIM card* inside the device, you need to check whether the SIM card* is activated; if the SIM card* is activated, check whether the power supply of the device is normal; also check whether the amount of the mobile data traffic provided by the device SIM card* is sufficient for the data transfer.

For more frequently asked questions, please visit www.ubibot.com and go to the "Community and Documentation" page.

TECHNICAL SUPPORT

The UbiBot team is glad to hear your voice of our products and services.

For any questions or suggestions, please feel free to create a ticket in the UbiBot app. Our customer services representatives respond within 24 hours and often in less than an hour. You can also contact local distributors for localized support. Visit our website for contact details.

PRODUCT MAINTENANCE INSTRUCTIONS

- Please always follow the instructions contained in this manual.
- Always mount the device on a stable surface.
- Keep away from acidic, oxidising, flammable or explosive substances.
- When handling the device, avoid using excessive force and never use sharp instruments to try and open it.

WARRANTY

This product is covered by a one-year limited warranty from the date of purchase (with valid proof of purchase). During the warranty period, UbiBot will repair defects in materials or workmanship under normal use at no charge. Return shipping to our repair center is the sender's responsibility.

Warranty exclusions:

- Warranty expired.
- Damage caused by misuse, incorrect operation, or failure to follow instructions.
- Accidental or intentional damage (including liquid ingress, impact, deformation, cable damage).
- Normal wear and aging (including casing and cables).
- Unauthorized disassembly or modification.
- Damage due to force majeure (earthquake, fire, flood, lightning, etc.).
- Other damage not caused by manufacturing defects.

V1.0