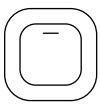
UBIBOT

LoRa Smart Gateway GW1

User Manual

This user manual serves as a general guidance for all types of UBIBOT® LoRa Smart Gateway. Some features, which are marked with asterisk, are available only for specific versions. Please refer to related instructions according to the version you purchased.

PACKAGE LIST



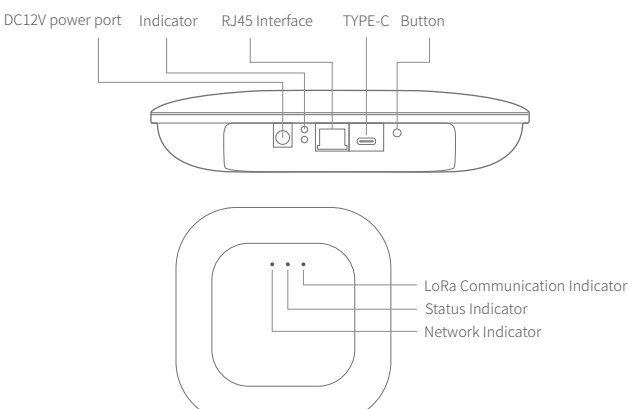
❶ Device

❷ Adapter

❸ User manual

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, press and hold the 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, 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, press and hold 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 AppStore 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.

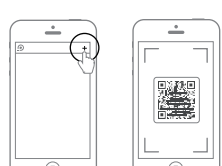
Option 2: Using PC Tools

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 ETHERNET CABLE CONNECTION*

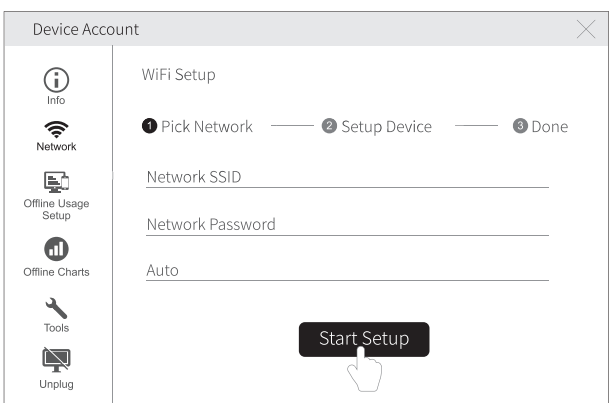
STEP 1. Connect the device with power supply and plug the Ethernet cable.

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	ABS
WiFi 2.4GHz, channel 1-13	Type-C, DC 12V/1A power supply
Support Ethernet RJ-45 port (10/100 Mbps) *	190mm x 190mm x 40mm
Auto-sensing Half/Full Duplex Switched Port*	Built-in Memory: 300,000 sensing data
Device working environment: -20 to 60°C, 10-90%RH	

FAQ

1. Device network configuration failure reasons

① Please check whether 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 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.

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.

TECHNICAL SUPPORT

The UbiBot team is glad to hear your voice of our profucts 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 the local distributors in your contry for localized service. Please go to our website to view their contacts.

WARRANTY INFORMATION

1. The warranty period for this product is one year from the date of purchase. The buyer is required to submit a valid proof of purchase. During the warranty period, free repair will be provided for any failure caused by the quality of the product under normal use. The mailing cost of the returned product is the responsibility of the sender (one way).

2. The following cases are not covered by the warranty:

① The product is out of warranty;

② product failure or damage caused by incorrect or improper operation not in accordance with the product use instructions, configuration instructions, and product maintenance instructions;

③ accidental or man-made damage to the product, such as exceeding the temperature and humidity range of the equipment, water-caused damage, including natural water, such as water vapor, etc., fall, abnormal physical force, deformation, cable breakage, etc.;

④ damage due to natural wear and tear, consumption and aging, etc. (including shells, cables, etc.);

⑤ failure or damage caused by unauthorized dismantling of the product without permission;

⑥failure or damage caused by force majeure, such as earthquake, fire, lightning strike, tsunami, etc.;

⑦ other non-product design, technology, manufacturing, quality and other issues caused by the failure or damage.

V1.0.0