Manuals+ — User Manuals Simplified.

UBIBOT GW1 LoRa Smart Gateway User Manual

Home » UBIBOT » UBIBOT GW1 LoRa Smart Gateway User Manual

Contents

1 UBIBOT GW1 LoRa Smart Gateway
2 Product Usage Instructions
3 PACKAGE LIST
4 INTRODUCTION
5 DEVICE SETUP OPTIONS
6 SETUP USING THE APP FOR WiFi
CONNECTION
7 SETUP USING PC TOOLS
8 DEVICE SPECIFICATION
9 PRODUCT MAINTENANCE INSTRUCTIONS
10 FCC Statement
11 TECHNICAL SUPPORT
12 Frequently Asked Questions
13 Documents / Resources
  13.1 References

UBIBOT GW1 LoRa Smart Gateway

Product Usage Instructions

Device Operations

- **Switch On/Off:** The device will automatically switch on or off when power is plugged in or unplugged.
- **Setup Mode:** Press and hold the button for about\ 5 seconds until the device status indicator flashes red and green alternately to enter setup mode.
- **Send Data:** Press the button once to connect to the network and send data.
- **Reset to Default Settings:** Press and hold the function button for about 15 seconds until the red device status indicator blinks to restore factory settings.

Device Setup Options

Option 1: Using Mobile App

1. Download the 'Ubibot Connect' app from **www.ubibot.com/setup** or respective app stores.
2. If setup fails, use PC Tools available at **www.ubibot.com/setup** for easier operation.

Option 2: Using PC Tools

1. Download the desktop app from **www.ubibot.com/setup** for device setup and troubleshooting.

Setup Using the App for WiFi Connection

1. Launch the App and log in, tap + to add your device, and follow in-app instructions.
2. Refer to **www.ubibot.com/setup** for detailed guidance and demonstration videos.

Setup Using the App for Ethernet Cable Connection*

1. Connect the device with the power supply and plug the Ethernet cable.
2. Launch the app, log in, tap + to add your device, and follow the in-app instructions.

Setup Using PC Tools

1. Launch the App, log in, and connect the device to the computer using a Type-C USB cable.
2. Navigate to Network settings to set up WiFi or other connection methods

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
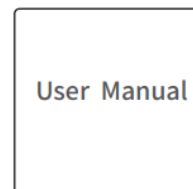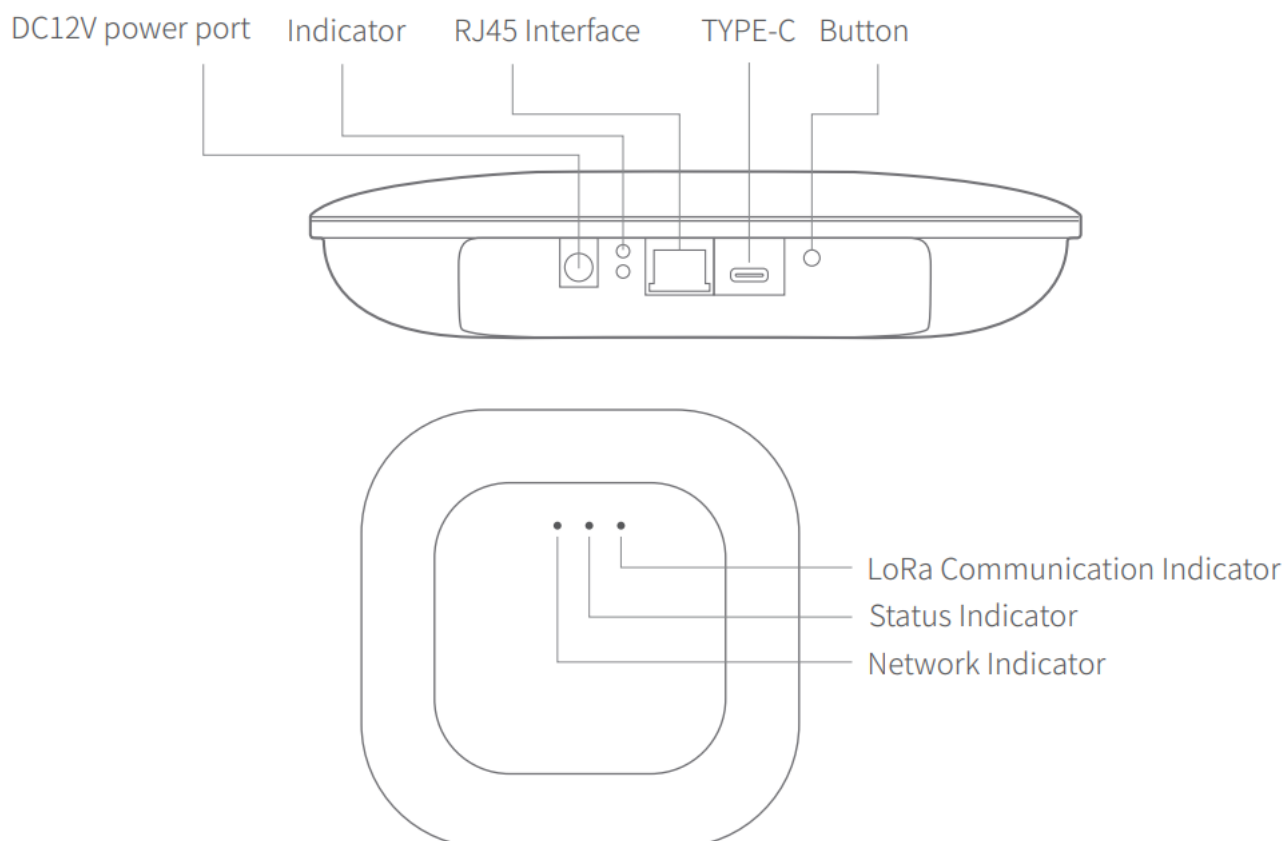
PACKAGE LIST

❶ Device   ❷ Adapter   ❸ User manual

INTRODUCTION

Basic Features Introduction

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 the 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 the 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 a 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 addresses, and offline charts. You can also use it to export offline data stored in the device's 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 sync intervals, 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 the 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

903~927MHz		ABS	
WiFi 2.4GHz, channel 1-11		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			

PRODUCT MAINTENANCE INSTRUCTIONS

- Please always follow the instructions contained in this manual.

- 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.

- Always mount the device on a stable surface.

- Please use a common USB Cable or original charger, Otherwise, It may result in danger. When you use a charger for charging, an adapter shall be installed near the equipment and shall be easily accessible. Manufacturer of Power adapter: Huizhou Guoaotong Technology Co., Ltd. Parameters of Power adapter: Input: AC 110~240V, 600mA, 50/60Hz. Output: DC 12V, 1000mA.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit diferent from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Caution: Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

TECHNICAL SUPPORT

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

WARRANTY INFORMATION

1. 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 vapour, etc., fall, abnormal physical force, deformation, cable breakage, etc.;

4. damage due to natural wear and tear, consumption and ageing, etc. (including shells, cables, etc.);
5. failure or damage caused by unauthorized dismantling of the product without permission;
6. failure 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with a minimum distance between 20cm the radiator and your body: Use only the supplied antenna.

Frequently Asked Questions

- **Q: What should I do if the mobile app setup fails?**
  - **A:** Use PC Tools available at **www.ubibot.com/setup** for easier operation and troubleshooting in case of mobile phone incompatibility issues.

Q: How do I reset the device to factory settings?

A: 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

---

Q: What is the working environment temperature range for the device?

A: The device's working environment temperature range is -20 to 60°C.

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.

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.

Documents / Resources

LoRa Smart Gateway GW1 User Manual	**UBIBOT GW1 LoRa Smart Gateway** [pdf] User Manual 2AMFC-GW1, 2AMFCGW1, GW1 LoRa Smart Gateway, GW1, LoRa Smart Gateway, Smart Gateway, Gateway

References

- **console.ubibot.com**
- **UbiBot Wifi Temperature Sensor | Wireless Temperature Monitoring System |**
  <
  li> **UbiBot WiFi Temperature Sensor - Setup & User Guide | UbiBot Wifi Temperature Sensor | Wireless Temperature Monitoring System**
- **User Manual**