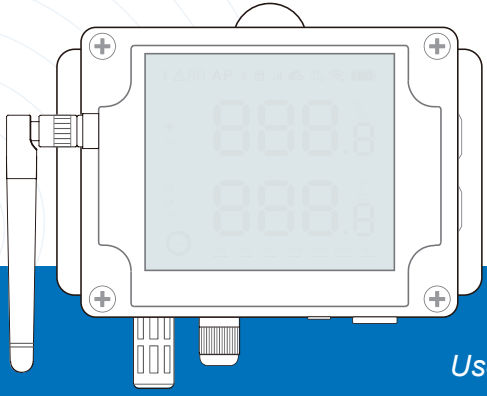
UBIBOT



GS1-L

User Guide V 1.0

Industrial Smart LoRa Multi-Sensor

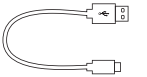
www.ubibot.com

This manual book is a general guidance for all types of our Industrial-grade GS1-L devices.

PACKAGE LIST

❶ Device

❷ External antenna①



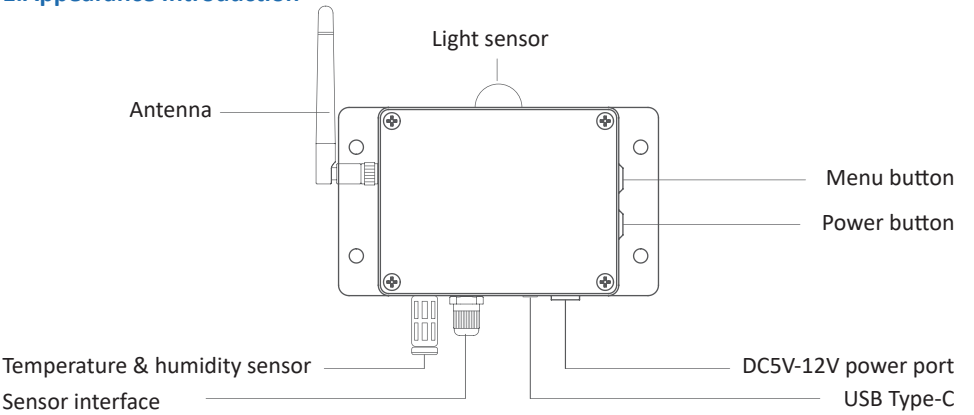
❸ Type-C USB cable②

① Note: Please tighten the antenna before use.

② Please note, only 4-wire cable as we provided can support data transmission. Some other cables may not workwhen connecting the PC Tools.

INTRODUCTION

1.Appearance Introduction



2.Screen Icons Introduction

- External power plugged in
- ⚠88 Error code
- AP Device setup mode
- Sending data
- LoRa connection/ failure
- Battery level

PH ..... PH sensor*	E-T ..... External temperature sensor*
CO_2 ..... CO_2 sensor*	S-T/H ..... Soil temperature and humidity sensor*
WS ..... Wind speed sensor*	E-T/H ..... External temperature and humidity sensor*
LIGHT ..... Light sensor*	T/H ..... Internal temperature and humidity sensor

3. Device Operations

- Switch On

Press and hold the power button for 3 seconds until the screen lights up. Release the button and the device is now on.

The battery power will drain during the shipment and storage. You may fail to switch the device on for the first time. Please charge the device for 6-12 hours before you get started. This can also ensure a better battery performance.

- Switch Off

Press and hold the power button for 3 seconds until the screen is off. The device is now off.

- Device Setup Mode

With the device switched on, press and hold the menu button for 3 seconds. Release the button until the AP icon flashes on the screen.

- Manual Data Synchronisation

With the device switched on, press the power button once to trigger a manual data sync. The icon will flash while the data is being transferred. You can also hear the voice guidance.

- Toggle Screen Readings

Press the menu button once to toggle between the internal sensor readings and external probe readings and sensing data simultaneously.

- Switch On/Off Voice Guide

Double press the menu button to enable or disable the voice guide. This will also refresh the last sensing data.

- Toggle Celsius or Fahrenheit

Double press the power button to toggle between displaying Celsius or Fahrenheit. This will also refresh the last sensing data.

- Display Backlight

Pressing either of the buttons will switch on the display backlight for a short time. Pressing both of the two buttons at the same time will keep the backlight alight constantly. Pressing another time will switch off the backlight.

- Reset to Default Settings

Switch the device off, then press and hold the menu button and power buttons together for at least 8 seconds. Release the buttons when you hear the voice guidance "The device will now reset".

ALL STORED DATA WILL BE LOST IF YOU RESET YOUR DEVICE TO DEFAULT SETTINGS!
REMEMBER TO SYNCHRONISE THE SENSING DATA TO THE UbiBot IoT PLATFORM OR EXPORT THE DATA TO YOUR COMPUTER BEFORE RESETTING IT.

DEVICE SETUP OPTIONS

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

Launch the App and log in. In the gateway page, tap the "+" to start adding your device. Then please follow the in-app instructions to complete the setup.

TECHNICAL SPECIFICATIONS

- EU868 / US915 / AU915 / IN865 / RU864 / KR920 / AS923
- Built-in 2500mAh lithium battery (Rated Capacity)
- Optimal working conditions: -20°C to 60°C, 10% to 90%RH
- Flame resistant ABS + PC
- Type-C, DC5V/2A or 12V/1A power supply
- Built-in Memory: 50,000 sensing data
- 115mm x 90mm x 55mm

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 particula 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 receiver.
- Connect the equipment into 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 approvedby 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.

Making Sense of Your World