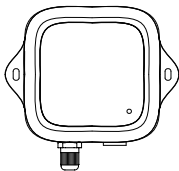


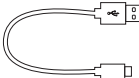
LoRa Data Collector DC1-L-1RS

User Manual

PACKAGE LIST



❶ Device x 1



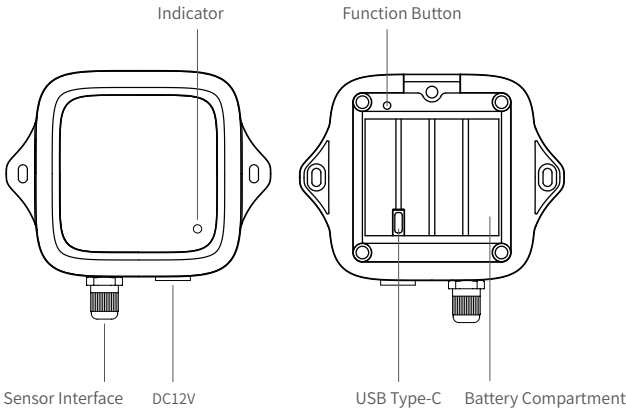
❷ USB Type-C x 1



❸ Adapter x 1

INTRODUCTION

1. Basic Features Introduction



2.Device Operations

Send data

Press the button once, the green device status indicator will flash, then send data.

Setup Mode

Press and hold the button for about 3 seconds until the device status indicator flashes red and green alternately. Release at this time to enter the setup mode.

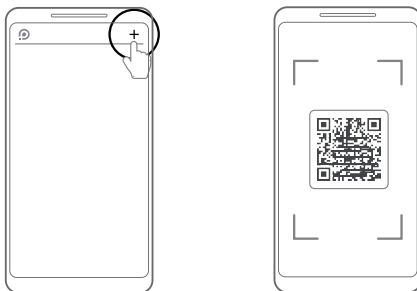
Reset to Default Settings

Press and hold the function button for about 8 seconds until the red device status indicator blinks, then release the button to restore factory settings.

DEVICE SETUP

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

Launch the App and log in. In the app, select the LoRa Gateway and go to the Glance page. Tap "+" to start adding your node 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 the 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-interval, etc.

DEVICE SPECIFICATION

 LoRa band: EU868 / US915 / AU915 / IN865 / RU864 / KR920 / AS923

 Material: Flame resistant ABS

 Battery: 4 x AA batteries / 4 x ER14505 Li-SOCI2 batteries

 Power supply: DC 12V / 2A

 Dimensions: 108mm x 92mm x 47mm

 Built-in memory: 50,000 sensing data

 Optimal operation and storage conditions: -20 to 60°C, 10% to 90% RH (No condensation)

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.

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.
-  Please use common USB Cable or original charger, Otherwise, It may result to danger. When you use a charger for charging, adapter shall be installed near the equipment and shall be easily accessible.

Manufacturer of Power adapter: Guangdong Sangu Technology Co., Ltd.

Parameters of Power adapter: Input: AC 100~240V, 0.6A, 50/60Hz. Output: DC 12V, 2.0A.

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 receiver.
- Connect the equipment into an outlet on a circuit different 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 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

V1.0