



QUICK START GUIDE

SMART IoT CONTROLLER

UC100

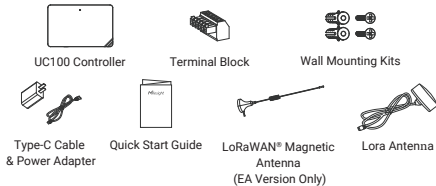


Note: This equipment can only be installed and maintained by trained personnel.

This device will not be sold to the general public, it will be sold to dealers only.

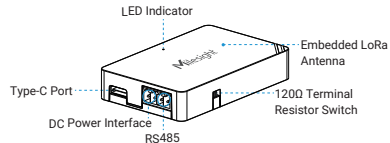


1. Packing List

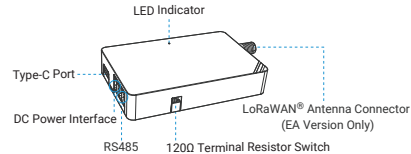


2. Hardware Introduction

Internal Antenna Version



External Antenna Version



3. LED Patterns

Function	Action	LED Indication
Work Status	System is functioning properly	Static On
	Fail to acquire data from data interfaces	Slowly Blinks
	Device upgrade or system error	Static On
Reboot	Press and hold the button for more than 3 seconds.	Slowly Blinks
Reset	Press and hold the button for more than 10 seconds.	Quickly Blinks

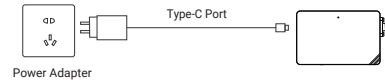
4. Power Supply

UC100 can be powered by below methods:

- Powered by DC Power Interface (5-24V)



- Powered by USB Type-C (5V)



5. Configuration Guide

Preparation:

- Type-C USB cable
- PC (Windows 10 is recommended)

- ToolBox Software: it can be downloaded from Milesight website.

Steps:

Ensure that the RS485 sensor is properly connected to the UC100. Then, use a Type-C cable to connect the UC100 to your computer. Open the ToolBox software, set the serial port to "USB" and the type to "General." Enter the login password to access ToolBox and configure the device. (Default password: 123456)



6. Installation

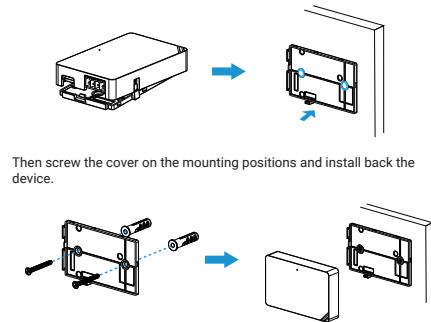
Device Installation

Remove the device's back cover and securely insert the wall plugs into the designated drilling positions.



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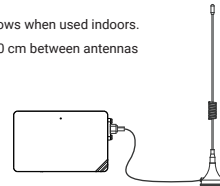
Then screw the cover on the mounting positions and install back the device.

Antenna Installation (EA Version Only)

Note:

- The antenna should be installed vertically, with the magnetic base attached to a metal surface.

- Keep the antenna away from walls and ensure there are no obstacles around it.
- For better coverage, it is recommended to position the antenna at a higher location.
- Place the antenna near windows when used indoors.
- Keep a distance of at least 50 cm between antennas



7. FCC Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

Note: 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.

FCC Radiation Exposure Statement:

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 & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

8. Warranty

Limited Warranty Protection

Milesight warrants its product from original purchase date against all manufacturing defects.

This Warranty does not cover:

- Loss or damage to the equipment due to improper maintenance, or failure to follow operating instructions.
- If defects or damages are caused by the use of unauthorized parts or by service by other than our authorized agent.

Product Warranty Period Overview

Milesight IoT Products	Warranty Period
IoT Controllers/Industrial Routers/IoT Gateways	3 Years
IoT Sensors/Sensing Products	2 Years

- Gas detecting probes will come with a 1-year warranty
- Batteries are not included in the warranty
- For detailed information, visit our website at <https://www.milesight.com>

Email: iot.support@milesight.com Tel: 86-592-5085280

Milesight IoT Co., Ltd.

Building C09, Software Park Phase III, Xiamen 361024, Fujian, China

Dealer Stamp:

Model:

Date of Purchase:

QC: **OQC**
PASS

Serial Number: