

LoRaWAN Type III Indoor Gateway

Quick Start Guide

1. Packing List

		
LoRaWAN Type III Indoor Gateway	Rubber Antenna 3 4G/WIFI/LORA	Power Adapter 1
		
Micro USB Cable 1	Fixing Screws 1 set	Certificate of Conformity Quick Installation Manual

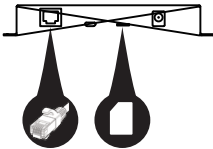
* If any of the above items are damaged, missing, or if you have other accessory requirements, please contact your agent or sales representative promptly.

2. Device Installation

Step 1: As shown in the figure, screw the antennas on clockwise.



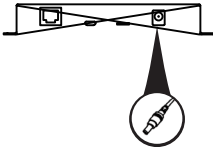
Step 2: Insert the SIM card or connect the Ethernet network cable.



! The gateway does not support hot-swapping. Please power off the device before inserting or removing the SIM card.

Step 3: Fix the mounting ears on the left and right sides of the device using screws (if required).

Step 4: Connect the DC 12V power supply.



3. Accessing the Gateway Configuration Page

First, ensure the gateway device is operating normally.

3.1. Connect to the gateway device using USB

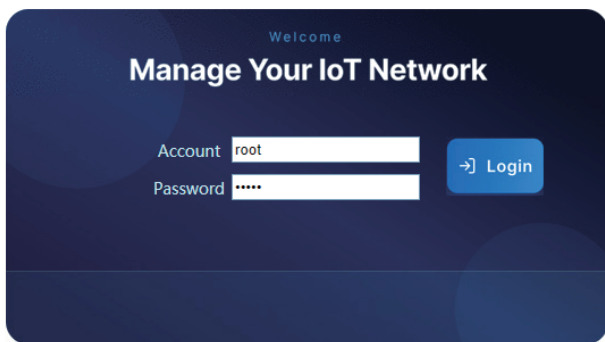
There is a reserved Micro USB port on the enclosure. Use the provided Micro USB cable to connect one end to the gateway device and the other end to a computer. Enter the default gateway address *192.168.0.100:8088* in your computer's web browser to access the web configuration page login interface.

3.2. Connect to the gateway device using an Ethernet cable

Correctly connect the network cable as shown in Chapter 2. Log in to the device via ADB or use IPCONFIG to obtain the gateway device's IP address. Append the port number “:8088” to the IP address to access the gateway's web configuration page login interface.

3.3. Access the login page

After correctly connecting to the gateway device, use the corresponding IP address to access the gateway web page via a computer browser. Example for USB access: “http://192.168.0.100:8088/default/login.html”



3.4. Log in to the gateway using the default credentials

The default username is: root
The default password is: admin



sign out

MENU

DeviceInfo

Information

Upgrade

System

NetworkInfo

Network

MBN

Policy

Ethernet

WiFi

LoraWAN

ParameterConfig

DeviceList

FreqAnalysis

MessageRecord

Mode

Log

LogList

LoRaWAN Parameter Configuration



Note that modifying LoRaWAN parameters takes effect after the configuration is saved and restarted.

Basic Info

RF configuration

SX1302 + SX1257

freq selection

US915

Down freq range

923000000

+

928000000

working mode

Full Duplex

NS server info

server address

lora.rivcloud.com

Server upstream por

1915

Server downstream port

1915

Radio 0

center frequency

917100000

Number of frequency points

4

Radio 1

center frequency

917900000

Number of frequency points

4

Frequency point list

freq 0

916800000

freq 1

917000000

freq 2

917200000

freq 3

917400000

freq 4

917600000

freq 5

917800000

freq 6

918000000

freq 7

918200000

power configuration

transmit power

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Application

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FCC Caution.

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.

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

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 20 cm between the radiator & your body.