

Hi there. In this video, I will show you how to configure Ursalink LoRaWAN sensor.

## 1. Preparing Sensor

First, remove screws on the bottom of the sensor and take off the upper case. Next, take off the motherboard. Pass the cable through the cap, rubber seal and enclosure cover. Then pull out the motherboard, insert and lock the wires accordingly. At last, remove Battery Pull Tab.

You can find the button beside the battery. The light of LED indicating the status of the sensor. Press and hold the button for about three seconds, release when the light is on.

Here is a tip to check the status of the sensor: press the button, if LED is on, it means the sensor is turned on; If LED remains off, it means the sensor hasn't been turned on.

Put the motherboard back and restore everything in its due position.

## 2. Sensor Configuration

There are two methods to configure the sensor.

### Method 1: configuration via USB

Use Type-C cable to connect the sensor to a PC; Open toolbox of version V6.8 or above.

Select corresponding series port; log in with default user name and password. Click POWER ON to turn on the sensor, then click READ to catch the sensor info.

Then open LORAWAN SETTINS.

On BASIC tab, you can: view Device EUI and APP EUI; choose join type; change APP key; turn on or off ADR.

On CHANNEL Tab, you can change frequency; choose a support frequency. select a channel, and add the frequencies you need.

## Click DEVICE SETTINGS

In the tab, you can set up reporting interval; change login password; calibrate sensor; and set up threshold alarm.

## Open MAINTENANCE

You can update, backup and reset the sensor.

## Method 2: Configuration via NFC

### 1. Configuration via Phone

The other method to configure the sensor is via NFC. You can use a PC or Mobile Phone to configure it.

If your Mobile phone supports NFC, you can configure the sensor via your phone. It's easy to use. Contact your phone manufacturer to check if your phone supports NFC and the position of the NFC on your phone.

Please put the NFC antenna of the sensor close to the NFC detection area of your phone. In the process of reading, do not move your phone away. After reading succeed, you can view sensor info and configure it.

## Open STATUS tab

To turn on/off the sensor, you need to click DEVICE STATUS.

## Open SETTING tab

On LoRaWAN SETTINGS, you can change join type and frequency.

On GENERAL SETTINGS, you can change reporting interval; change password, calibrate sensor; and set up threshold alarm.

## Open UPGRADE tab

You can update, backup and reset the sensor.

After the configurations are done, you need to verify the password to continue.

Next, put your phone close to the sensor. The configuration info will be written into the sensor via NFC.

## 2. Configuration via PC

To configure the sensor on a PC, you need an NFC reader and connect it to your PC.

Put the sensor close to the NFC Reader.

Open toolbox of version V6.8 or above. In the process of reading, do not move your phone

The configuration via NFC is the same as configuration via Type-C cable. Please refer to the guide before.

If you have any questions, feel free to contact us. See you next time!