

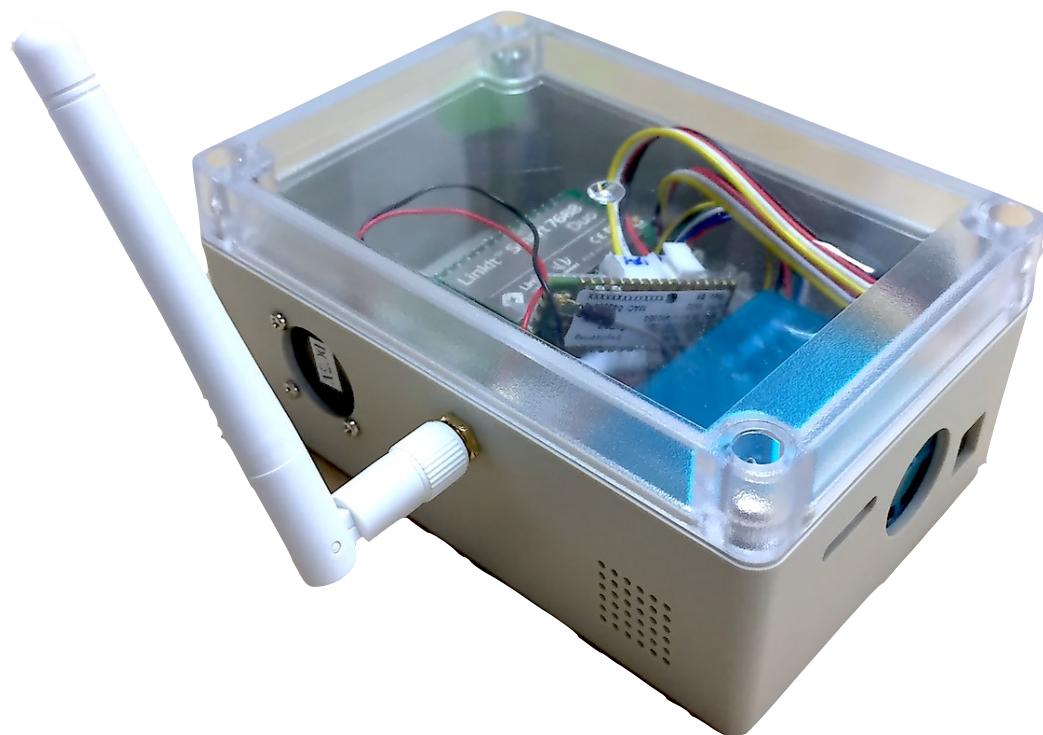
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# Micro Air Pollution Sensing

## User guide

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# Set up using browser

## Step 1.

Power on your MAPS.



*Connect the power converter to MAPS*



*The red LED will shine for a while, only green LED would keep lighting when MAPS is ready*

## Step 2.

Open your wifi, find an AP which name begins with “LinkIt\_Smart\_7688\_”, and connect it. You’ll find a red LED on LinkIt Smart start blinking, that means you are doing right.



for example, choose *LinkIt\_Smart\_7688\_1B2642*, from your laptop or smart phone

## Step 3.

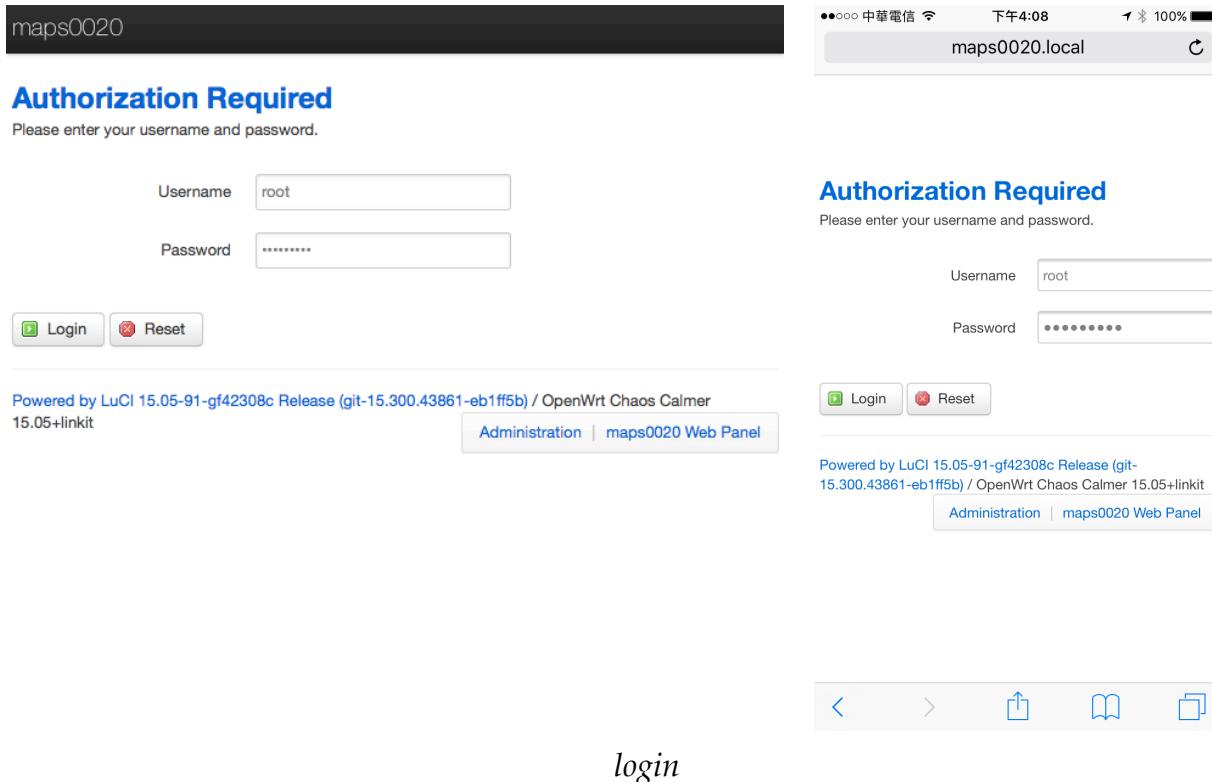
Open your browser and go to <http://mapsooxox.local/cgi-bin/luci>  
“oxox” is your device id number, you can find it on top of your MAPS.



for example, this device id is MAPS-0020, so go to <http://maps0020.local/cgi-bin/luci>

## Step 4.

Default password is iisnrl619



## Step 5.

Set up GPS coordinate, follow

System→GPS configuration

Don't know how to find your current GPS coordinate? see FAQ

This screenshot shows the MAPS user interface. At the top, there's a navigation bar with links for Status, System, Services, Network, and Logout. Below this is a sidebar with a "Status" section containing various system parameters like Hostname, Model, Firmware Version, Kernel Version, Local Time, Uptime, and Load Average. To the right of the sidebar is the main content area. A vertical orange arrow points from the "System" link in the sidebar to the "GPS configuration" option in the dropdown menu that appears when you click "System".

This screenshot shows the MAPS user interface. It's similar to the one above, but the "Status" section is expanded. The "GPS configuration" option is highlighted with a blue box and has an orange arrow pointing to it from the "Status" link in the sidebar. The main content area shows system details like Hostname, Model, Firmware Version, Kernel Version, Local Time, Uptime, and Load Average.

### Memory



### GPS configuration

This screenshot shows the "MAPS GPS setting" form. It asks the user to fill out a form to complete their MAPS GPS setting. The form includes fields for "use fake GPS?" (with a dropdown menu), "Latitude" (25.743596), and "Longitude" (123.471476). At the bottom are "Save & Apply", "Save", and "Reset" buttons.

This screenshot shows the "MAPS GPS setting" form. It asks the user to fill out a form to complete their MAPS GPS setting. The form includes fields for "use fake GPS?" (with a dropdown menu), "Latitude" (25.743596), and "Longitude" (123.471476). At the bottom are "Save & Apply", "Save", and "Reset" buttons.

### MAPS GPS setting

Please fill the form below to complete your MAPS GPS setting

This screenshot shows the "MAPS GPS setting" form. It asks the user to fill out a form to complete their MAPS GPS setting. The form includes fields for "use fake GPS?" (with a dropdown menu), "Latitude" (25.743596), and "Longitude" (123.471476). At the bottom are "Save & Apply", "Save", and "Reset" buttons.

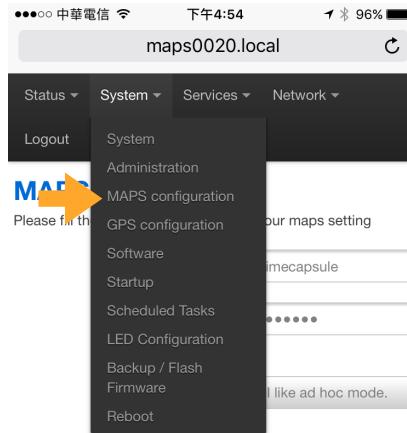
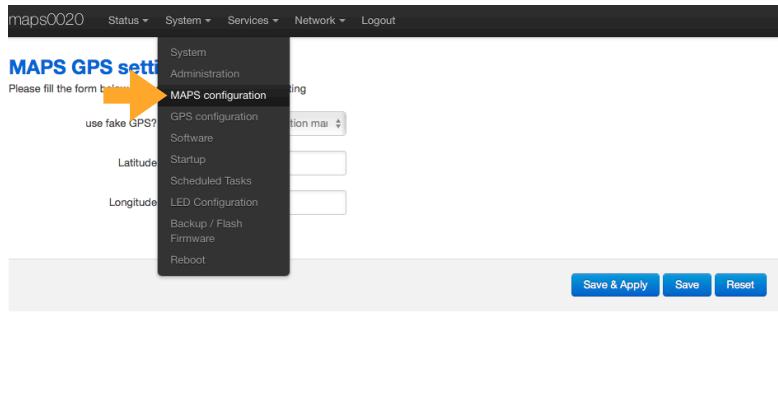
Powered by LuCI 15.05-91-gf42308c Release (git-15.300.43861-eb1ff5b) / OpenWrt Chaos Calmer 15.05+linkit  
Administration | maps0020 Web Panel



Default location is at Senkaku Islands, please enter your current coordinate.

## Step 6.

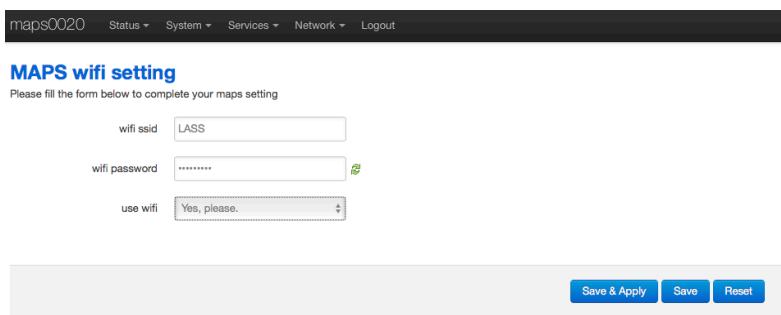
Set up wifi configuration, follow System→MAPS configuration



MAPS configuration

Powered by LuCI 15.05-91-gf42308c Release (git-15.300.43861-eb1ff5b) / OpenWrt Chaos Calmer 15.05+linkit

Administration | maps0020 Web Panel



MAPS wifi setting

Powered by LuCI 15.05-91-gf42308c Release (git-15.300.43861-eb1ff5b) / OpenWrt Chaos Calmer 15.05+linkit

Administration | maps0020 Web Panel

Input your "WiFi SSID", "Password" and choose "Yes, please."

## Step 7

Your MAPS will reboot after step 6.

Wait about 3 minutes, then your MAPS will start pushing data to the cloud!

## Step 8

Go to <https://data.lass-net.org/grafana/>

You will find an Airbox dash board, on the top left corner, there is an ID panel, click it, and type in you Device ID for searching, and choose the MAPS in the list below. Enjoyed!

Click it

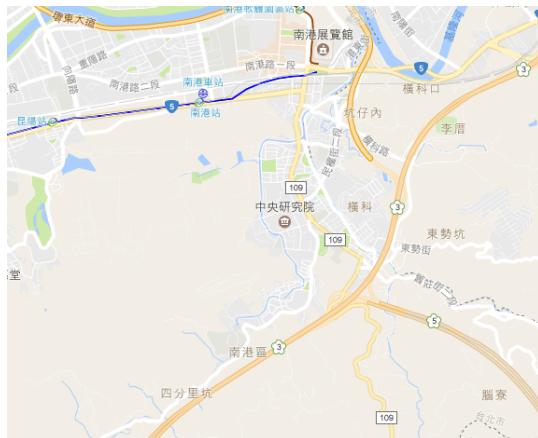
type in your ID for searching (case insensitive), and choose it.  
ex. maps0020

## FAQ

- 1) where to find the latest user guide? (url QR code)  
click here or scan the QR code for latest user guide.



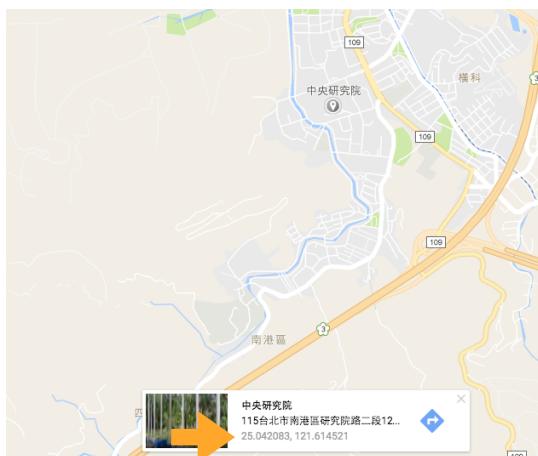
- 2) where is my GPS coordinate?  
go to google maps,



right click on your location



choose "What's here?"



here is your coordinate