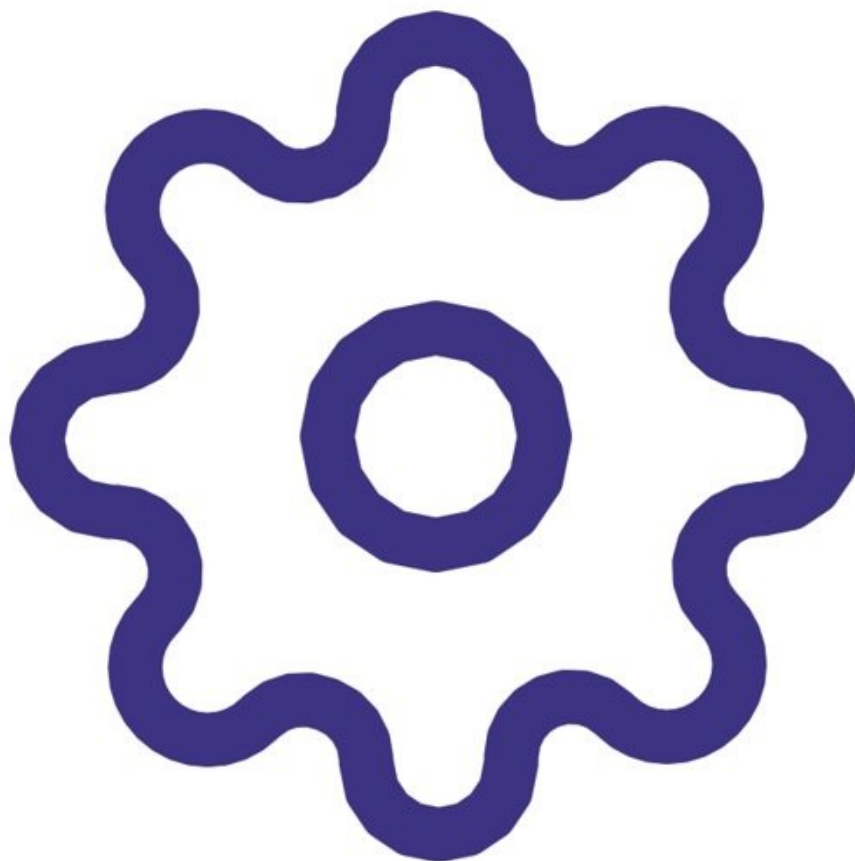




# Settings

How to configure the Ranger.

Written By: StJohn Vuetilovoni



Step 1 — Accessing the Settings Menu



Settings		
Sensors	All Healthy	
Logging	On	>
Wi-Fi		>
AQI	On	>
Units		>
Alarms	Off	>
Calibrate		>
System		>
Language	English	

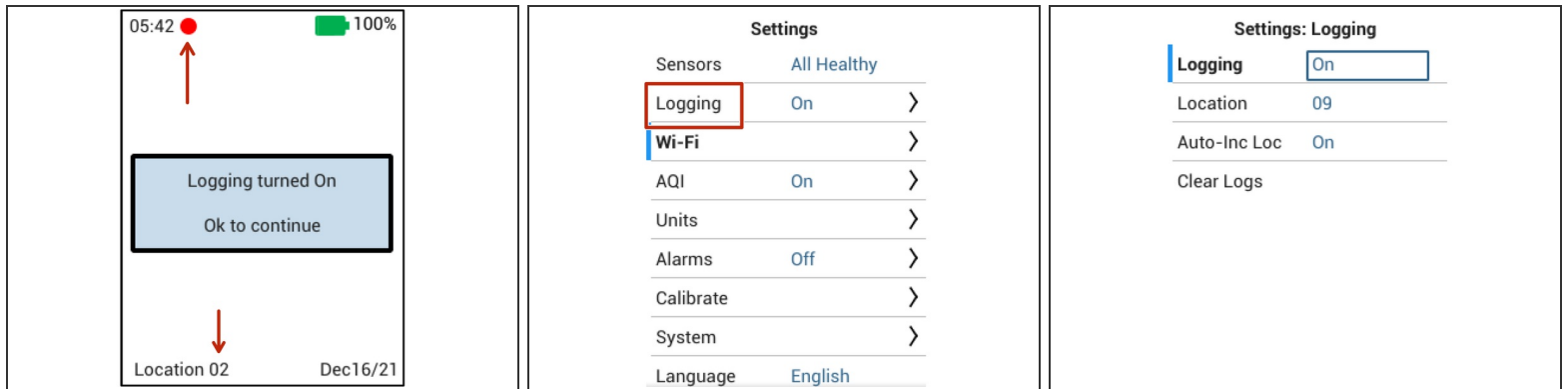
- To enter the settings menu, press and hold the **LEFT ARROW**.
- To exit the Settings menu and return to the main data display, press and hold the **LEFT ARROW**

## Step 2 — Navigating the Settings Menu



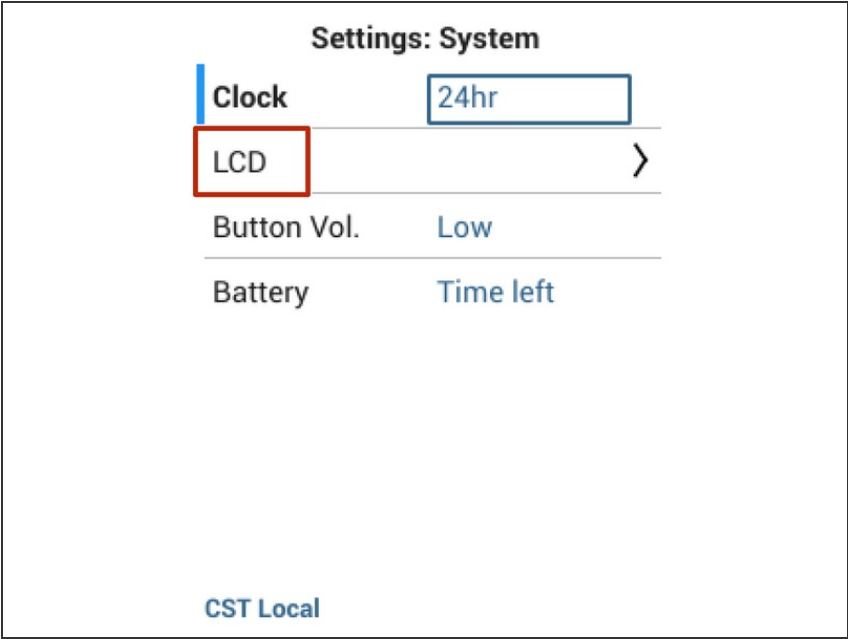
- To enter a sub-menu
  - navigate to it by using the **UP** and **DOWN ARROWS**
  - then press the **CENTER** button.
- To edit any field
  - press and hold the **CENTER** button until it becomes highlighted
  - Then, change the field's value by using the **UP** and **DOWN ARROWS**.
  - Then, press **CENTER** again

## Step 3 — Enable and Disable Logging



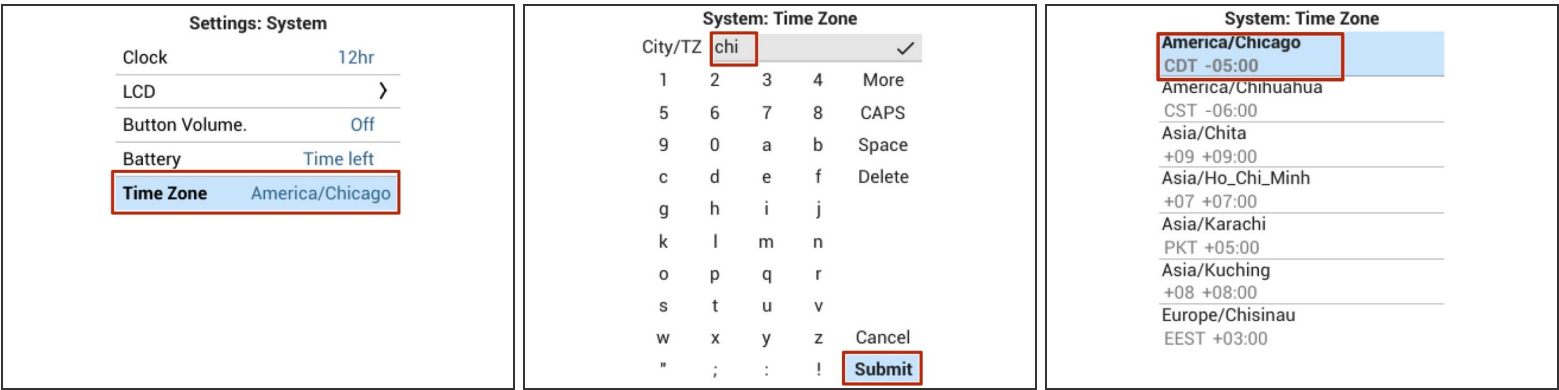
- To start and stop Logging from the Main Screen, press and hold the **CENTER BUTTON**.
- ⓘ When logging is enabled, a red circle will appear at the top of the Main display
- To start and stop Logging from the Settings menu, navigate to Settings>Logging, then toggle Logging to "On" or "Off"
- To change the location tagged with the logged data, navigate to Settings>Logging and toggle the Location
- ⓘ This Location identifier is displayed at the bottom of the data display screen.
- ⓘ Logged data is stored locally on the device and is synchronized to Aeroqual Cloud when the device is connected to the internet.

Step 4 — Adjust Brightness



- To adjust the brightness of the display, enter the Settings menu
- Navigate to Settings > LCD
- Edit the LCD brightness value

Step 5 — Configure Time Zone



- Navigate to Settings > System
- Select Time Zone
- Enter the name of a large city in your preferred time zone, and select Submit
- A list will appear. Select your city from the list.
- Your time zone has now been set

## Step 6 — Set units of measure

### Settings

Sensors	Warming...	
Logging	On	>
Wi-Fi		>
AQI	On	>
Units		>
Alarms	Off	>
Calibrate		>
System		>
Language	English	

### Settings: Units


Gas Sensors	ppm
PM Sensors	mg/m <sup>3</sup>
Temperature	Celsius
STP	US EPA
Numbers	1,234.56

STP: 0°C 100.000kPa (1 bar)  
1ppm = 0.0440 mg/m<sup>3</sup> (/molecWgt)

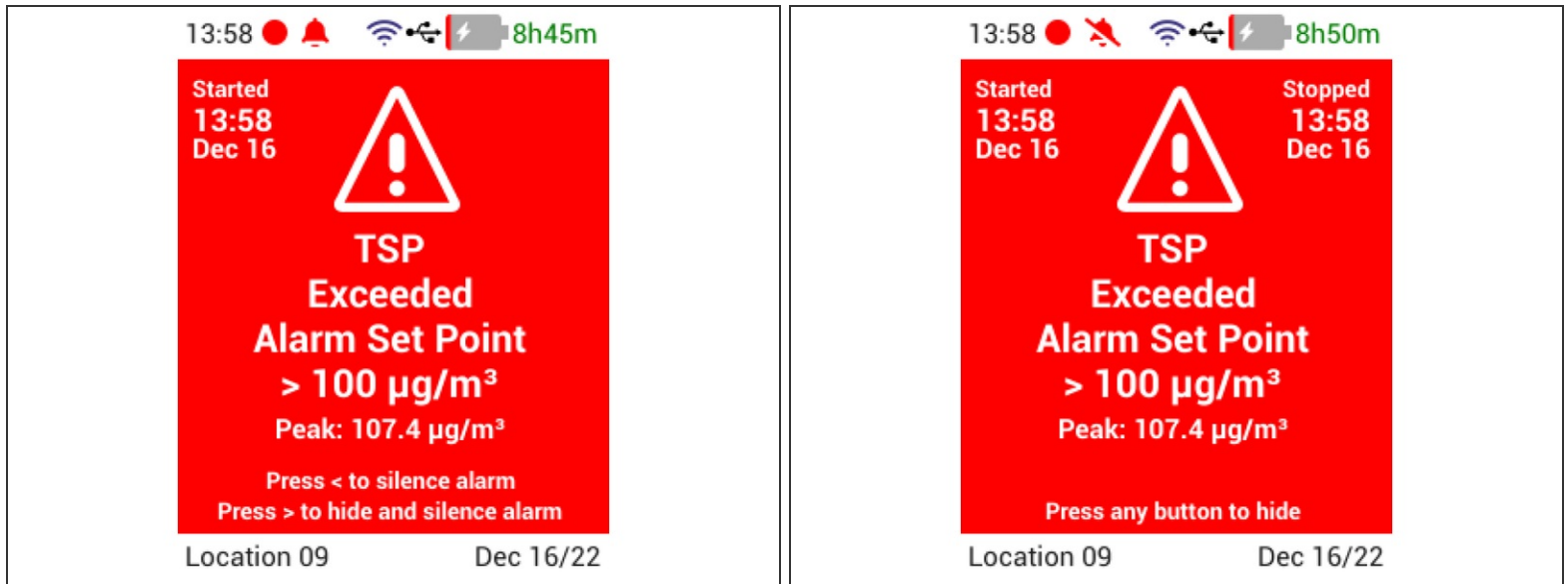
- To edit the units of measure displayed in the readings, enter the Settings menu
  - Navigate to Settings > Units
  - Adjust the units for instant readings on the various displays
- i** Even if you adjust the instant reading units, the default units (ppm for gases, µg/m<sup>3</sup> for PM) will continue to be used when logging and synchronizing through Wi-Fi

## Step 7 — Set Alarms

Settings: Alarm	
Alarm	<input type="text" value="On"/>
Channel	PM <sub>2.5</sub>
Trigger Level	50 µg/m <sup>3</sup>
Warning Level	25 µg/m <sup>3</sup>
Volume	100%

- Enter the Settings menu
- Navigate to Settings > Alarm
- Set the desired channel
- Set the desired Trigger and Warning Levels
-  When real-time measurements exceed the Warning Level or Trigger Level, the instrument will sound an audible alarm and display a message

## Step 8 — Manage an Alarm



- ① When real-time measurements exceed the Trigger Level, the instrument will sound an audible alarm. A message will appear until it's hidden by the user
- ① When real-time measurements exceed the Warning Level, the instrument will sound an audible alarm. A message will appear until the real-time measurements drop below the Warning Level
  - To hide an alarm, press the **RIGHT ARROW**
  - To keep the message, but silence the alarm press the **LEFT ARROW**

Step 9 — Configure Wi-Fi

Settings

Sensors

All Healthy

Logging

On

>

Wi-Fi

>

AQI

On

>

Units

>

Alarms

Off

>

Calibrate

>

System

>

Language

English

Settings: Wi-Fi Networks

ATTWU8RqXi

✓

Aeroqual

📶

Aeroqual

Password

ranger11

✓

1

2

3

4

More

5

6

7

8

CAPS

9

0

a

b

Space

c

d

e

f

Delete

g

h

i

j

k

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m

n

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y

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Cancel


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!

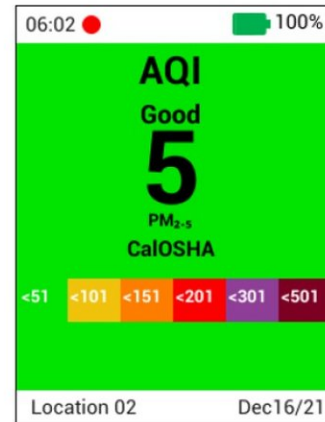
Submit


 Note that logged data is only accessible through Ranger Cloud, which requires Wi-Fi.


- From the Settings menu, navigate to the Wi-Fi > Networks submenu.
- Select the Wi-Fi network you want to connect to
- Enter the Wi-Fi network's password
- Select Submit

 The password is case sensitive.

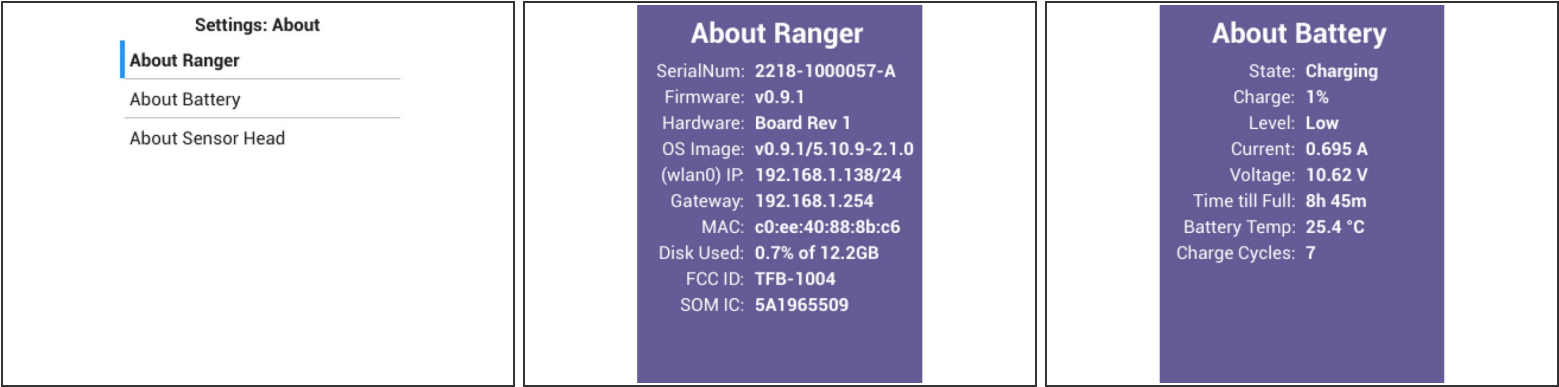
## Step 10 — Settings > AQI



-  An Air Quality Index (AQI) will be visible in the Main Screen when the AQI feature is turned On

  - Navigate to Settings > AQI
  - Toggle AQI from "Off" to "On"
-  The AQI screen is only available while using the PMX sensor head.

Step 11 — Software Version and Disk Space



- Enter the Settings menu
- Navigate to Settings > About
- Select About Ranger, About Battery, or About Sensor Head
- To exit the About screen, press the **LEFT ARROW**

For further support, contact Aeroqual Support.