

OL0119-G30

User Manual

version:1.0.22

Win-Global Technology

OPTO4L

CO₂ Traffic Light



- ❑ OL0119 device introduction
- ❑ Set Location Permission
- ❑ Set Bluetooth And Storage Permission
- ❑ Connect to OL0119
- ❑ Change Device Name
- ❑ Login Password
- ❑ Change Password
- ❑ Set Timeout
- ❑ Set Parameter
- ❑ Measurement Page
- ❑ Save Data
- ❑ Device Parameters Modification
- ❑ Exit App
- ❑ EWS-Level

OL0119 device introduction

- Please turn on the power to charge, OL0119 will be shown with a green light.
Key Function : Device off / Device on /  Device on and Mute
Power display is viewed by APP
- The light matches the color range will continue to display When powered by USB.
- Battery Powered Mode (Factory Setting)
The CO₂ concentration is within the range of the green light, the light is displayed every 60s.
The CO₂ concentration is within the range of the yellow light, the light is displayed every 30s.
The CO₂ concentration is within the range of the red light, the light is displayed every 15s.

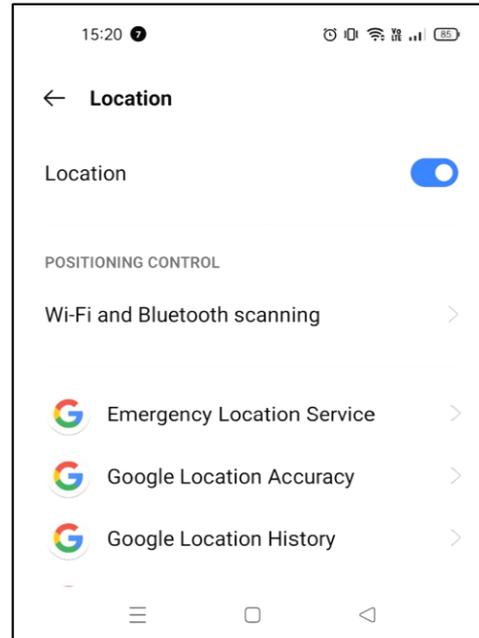
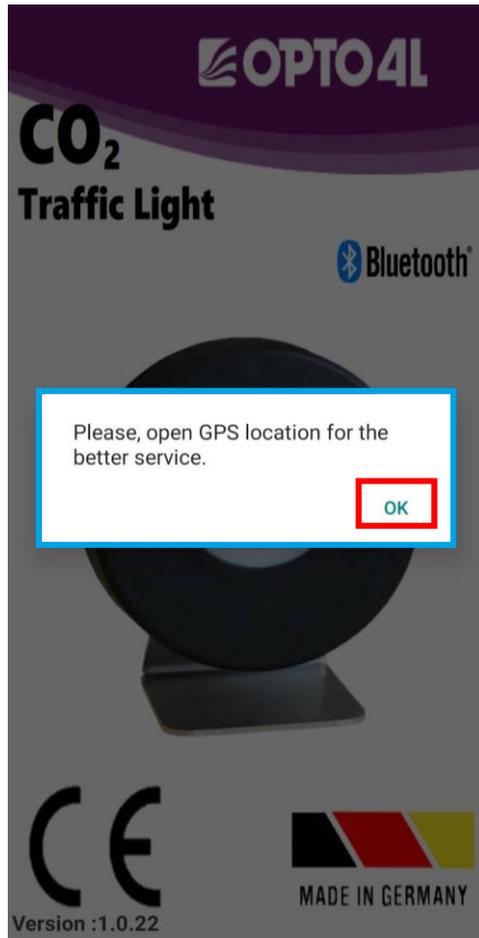


Please choose on or  when charging.



Continuous green light shows when charging.

Set Location Permission (1)

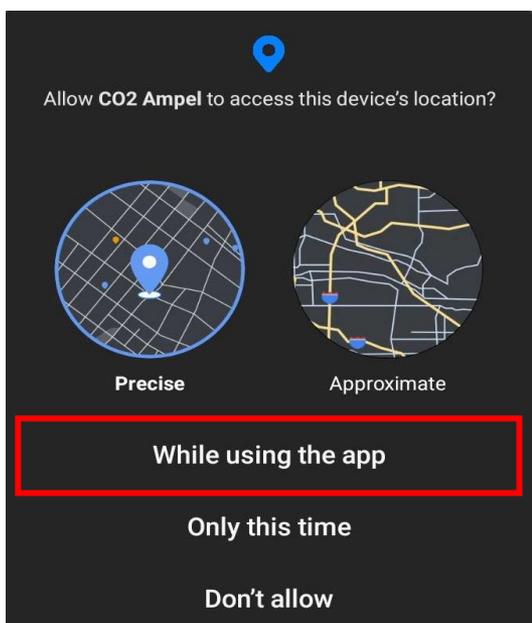


1. If GPS function is not enabled, a pop-up window will appear. Please press the "OK" button.
2. After pressing the "OK" button, you will be taken to this page. Please enable GPS function.

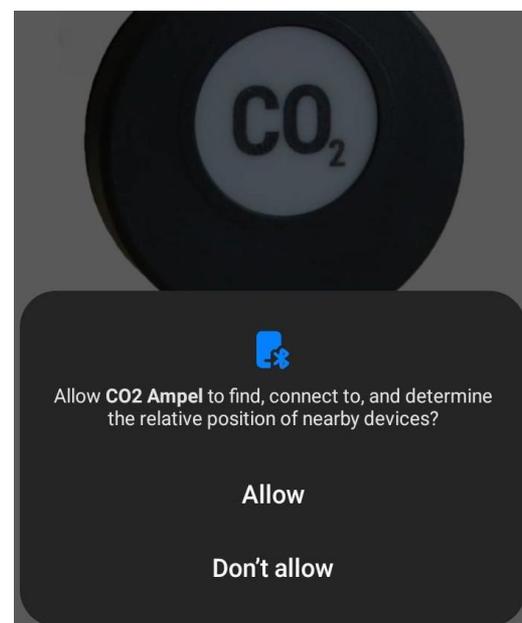
Note: For device with Android 10 or higher version, GPS must be turned on for Bluetooth to work.

Set Location Permission (2)

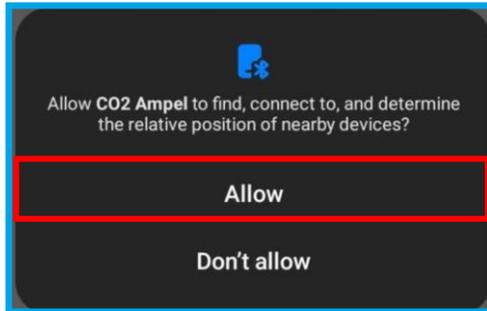
1. When the location access permissions appear, select "Precise" and click "While using the app".



2. When location access appears, you should change to use "Precise" for GPS to turn on successfully.



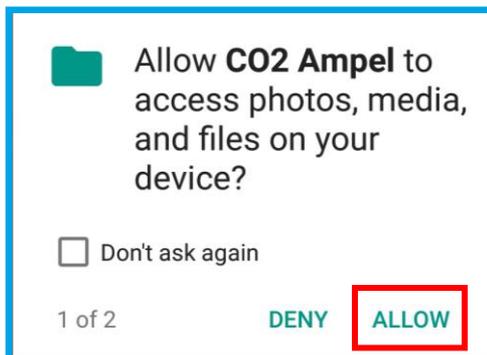
Set Bluetooth And Storage Permission



Please press the “Allow” option. (Bluetooth scan permission)
[For Android 12 or higher]

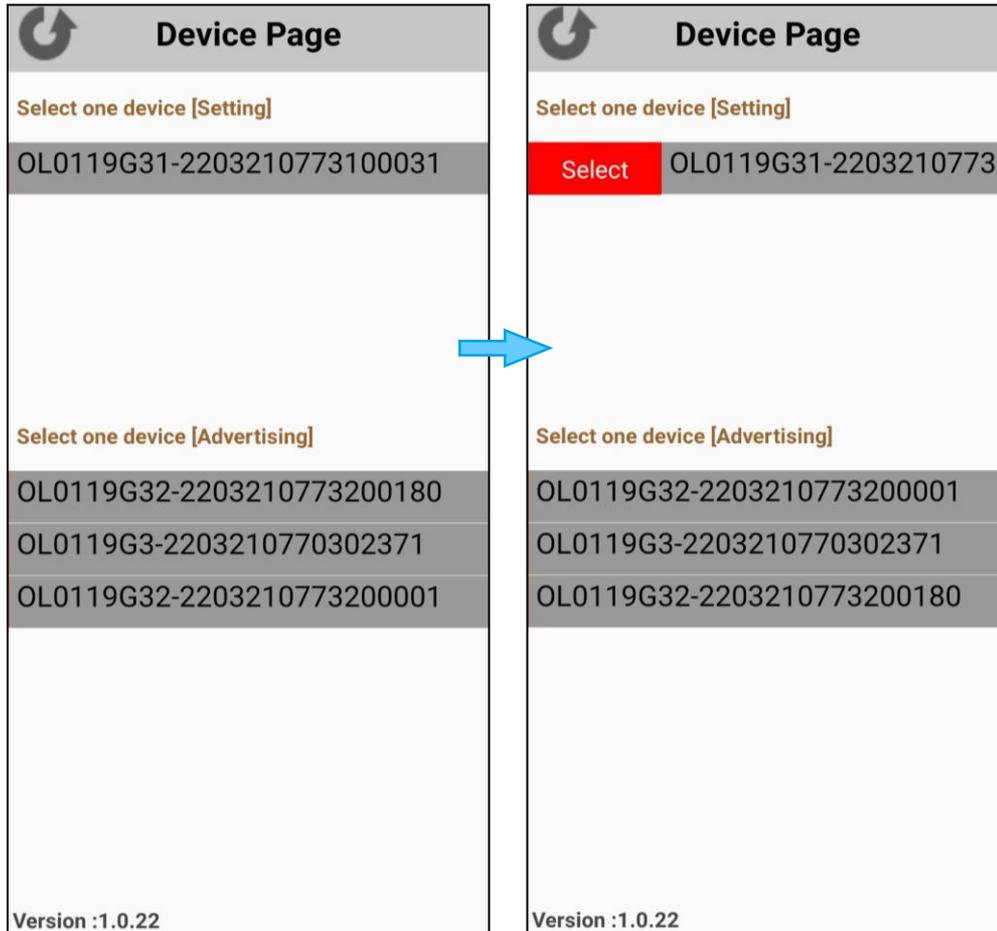


If Bluetooth function is not enabled, a pop-up window will appear.
Please press the “Allow” option.



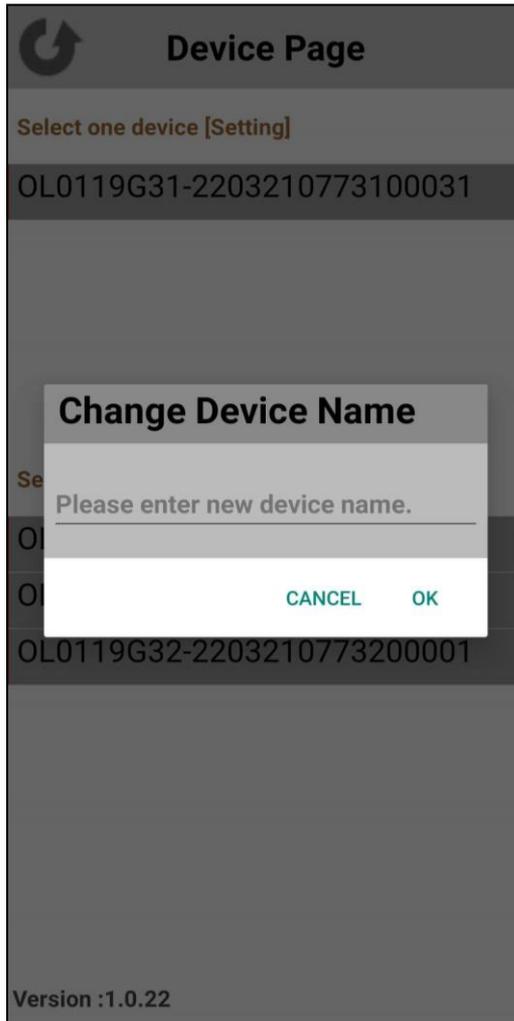
Please press the “Allow” option. (Storage permission)
[For Android 10 and below]

Connect to OL0119



1. Swipe right on the selected OL0119 device. Then press the “Select” button to complete the selection action.
 2. Select one device[Setting] :
After pressing the “Select” button, the Change Device Name window will pop up. Then you will be taken to the login page.
 3. Select one device[Advertising] :
After pressing the “Select” button, the Change Device Name window will pop up. Then you will be taken to the setting page.
- ▲ The advertising state can not set parameters for the device.
 - ▲ User can press  to rescan OL0119 device.

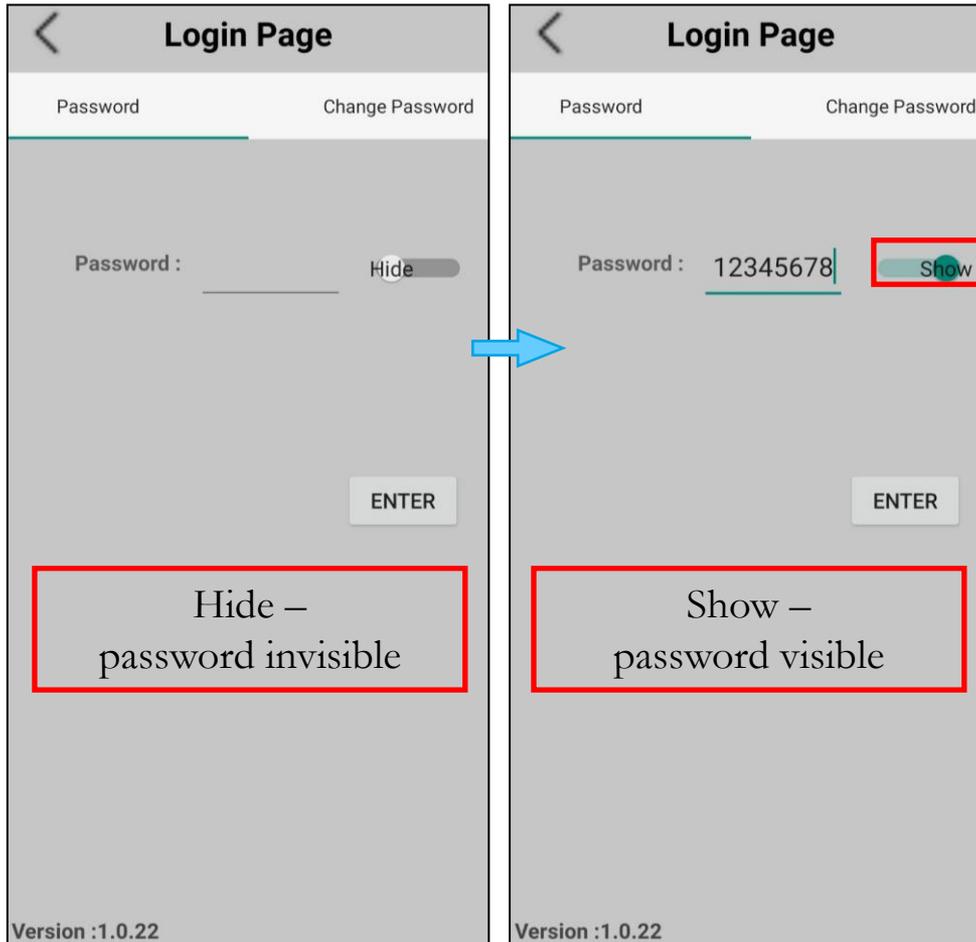
Change Device Name



After pressing “Select”, you can do the following :

1. Click the “Cancel” button :
 - If you wish to use current device name
2. Click the “OK” button :
 - If there is no text, the device name will revert to the device serial number.
 - If you enter new device name, the device name will be replaced.

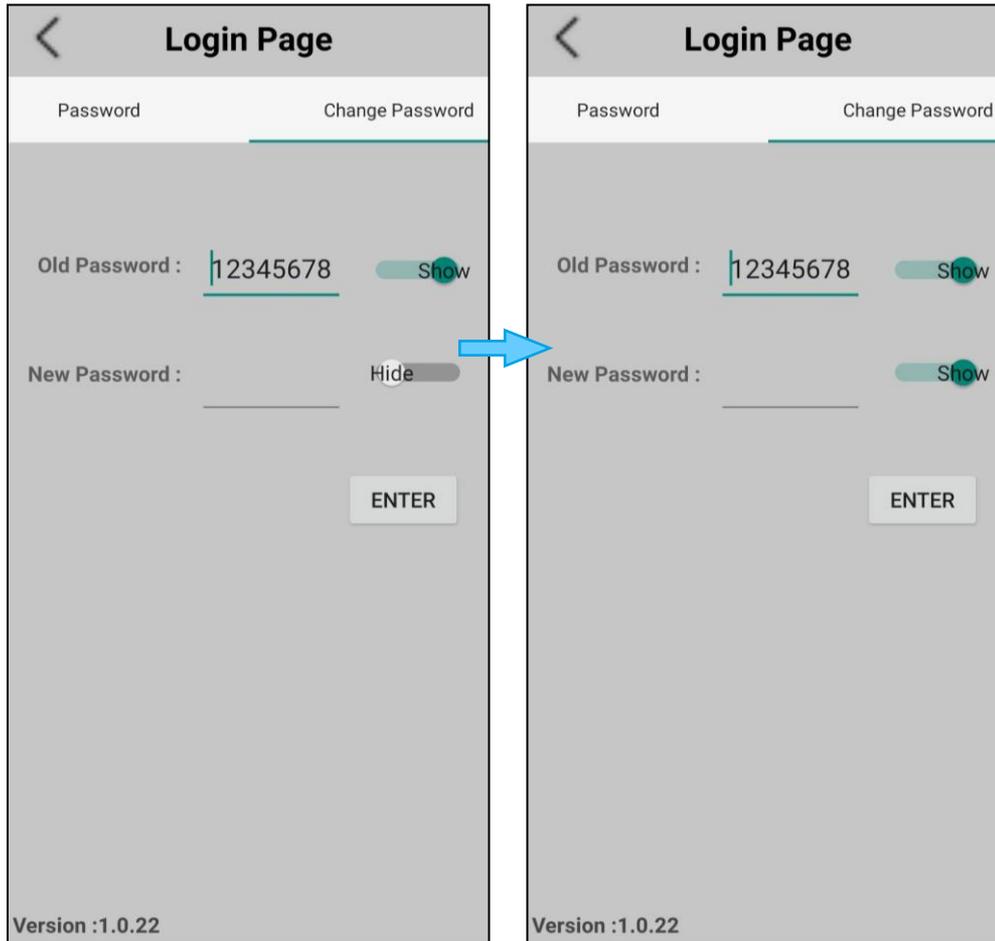
Login Password



Login Password :

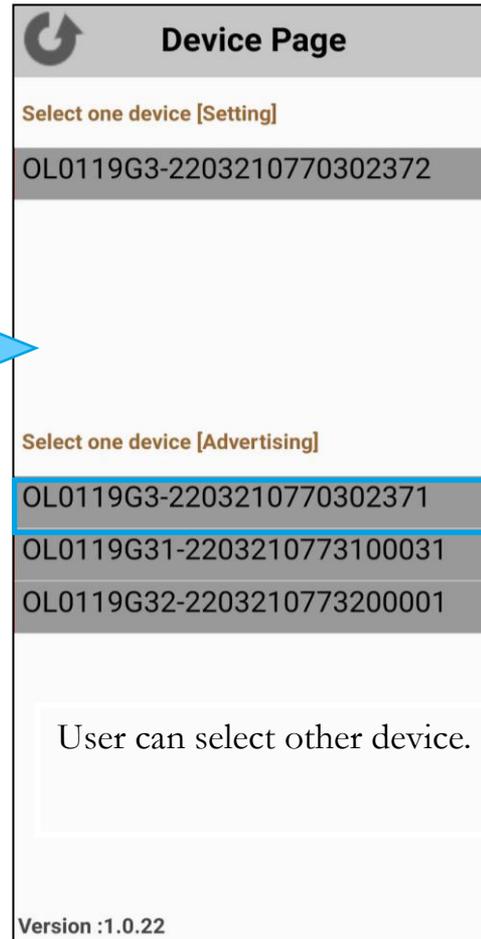
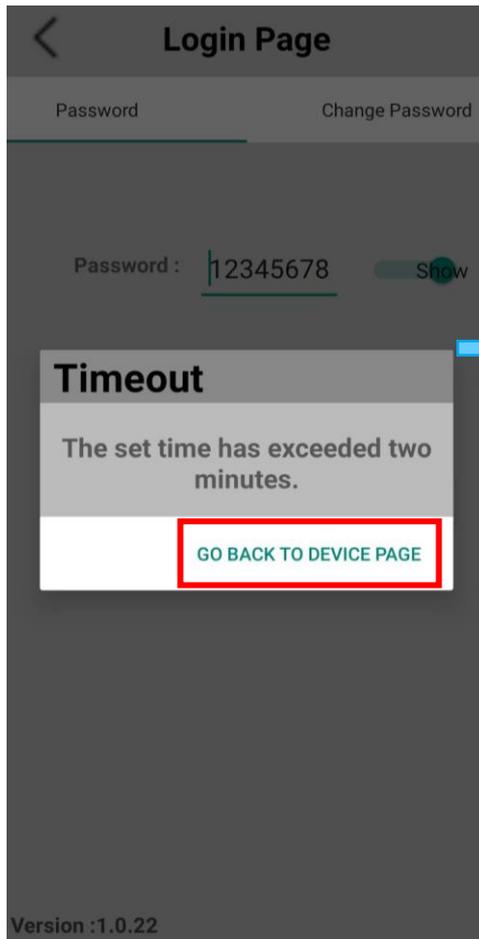
1. User needs an eight-character password to connect to the OL0119.
(Default Password : 12345678)
2. Press “Enter” to connect OL0119 If the password is correct then you will be taken to the setting page.

Change Password



1. Old password :
User needs enter the original password
(Default Password : 12345678)
2. New password :
User needs to enter new eight character
password.
3. Press “Enter” to connect OL0119
If the password is correct then user
will be taken to the setting page.

Set Timeout



User has to complete the setting flow within two minutes. If the time is exceeded, a pop-up timeout window will appear.

After Timeout windows appears, if user still wants to set the parameters of the device, please restart the device and press  to rescan OL0119 device.

Set Parameter



Level 1
Level 2
Level 3
Custom

Set the EWS-Level on the mobile phone

15 sec
30 sec
45 sec
60 sec

Frequency

Off
On

When user choose "On", turn on the volume

Level 1
Level 2
Level 3
Custom

Set the EWS-Level on the OL0119 device

Setting done ?
NO YES

Epidemic Warning Standards :
Level 1 : 1500 ~ 2000 ppm
Level 2 : 1200 ~ 1500 ppm
Level 3 : 800 ~ 1000 ppm

The indoor ventilation environment is analyzed by Win-Global, and the CO2 correction coefficient is calculated according to the placement position.

參數設定

設置頁面

裝置名稱： OL0119G3-2203210770302371

手機設定

疫情警戒等級 自定義

資料更新頻率 15 秒

手機警示音 關

CO2修正係數 1

橙色燈號頻率 15 秒

橙色警戒數值 1750

綠色警戒數值 1500

綠色燈號頻率 60 秒

設定完成

版本：1.0.22

Setting Rules :

1. Green Limit < Orange Limit ≤ Red Limit
2. 600 s ≥ Cycle Time ≥ 1 s

Device Setting :

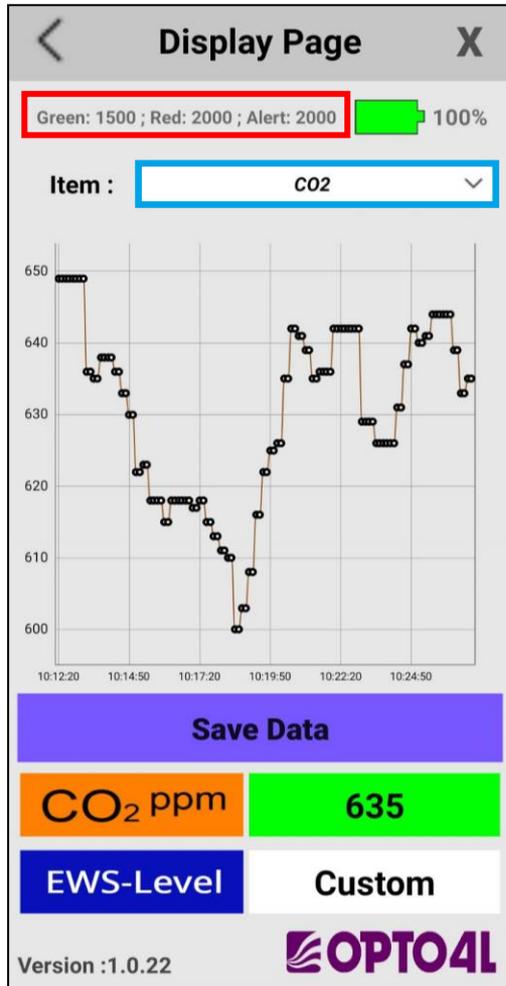
RED Limit : 1000 ~ 3000 ppm

Orange Limit : 500 ~ 3000 ppm

Green Limit : 400 ~ 1500 ppm

Alert Limit : 400 ~ 3000 ppm

Measurement Page - CO₂



 : Back to setting page

 : Exit application

 : Save Data

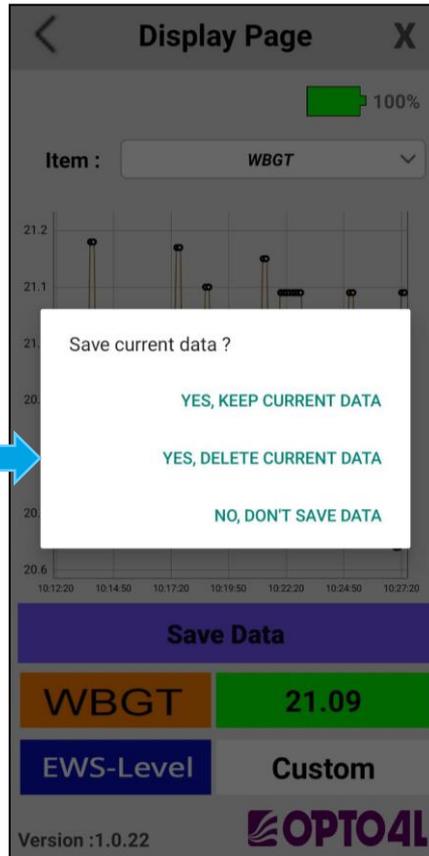
 100% : OL0119's power

 : Select measurement item

 : CO2

 : The defined warning value for the model set by the user would be shown on the top.

Save Data



1. Yes, keep current data
Save the current measurement data and keep the data
2. Yes, delete current data
Save the current measurement data and delete the data
3. No, don't save data
No save action.

Storage Location : Internal Storage>Downloads> CO2 Ampel_Date.csv

Device Parameters Modification

- When OL0119 is under BLE broadcasting mode, a power reset is required if any user would like to modify the parameters within the device.
- When switch device, click  on the Login or setting page, then one could scan OL0119 devices.



Exit App

There are two way to exit the app :

  Click this icon and the exit window will pop up. Pressing the “Yes” button will exit the application.

  Click the back button and the exit window will pop up. Pressing the “Yes” button will exit the application.



Epidemic Warning Standards

EWS-Level CO₂ limit

