



OL0119-G30

User Manual

version:1.0.22

From Win-Global Technology



OPTO4L


CO₂ Traffic Light




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OL0119 device introduction

- Please turn on the power to charge, OL0119 will be shown with a green light.
Device off / Device on /  Device on and Mute
- 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.

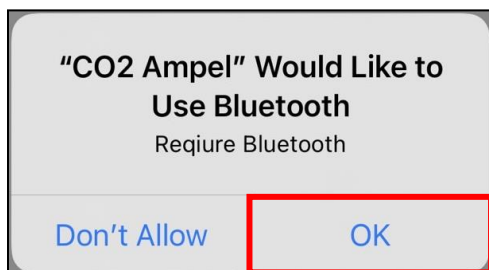


Please choose on or  when charging.



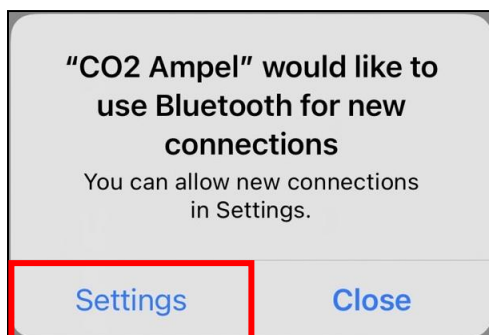
Continuous green light shows when charging.

Require Bluetooth Permission



Please press the "OK" option.

(Bluetooth scan permission, only ask when opening the program for the first time)




If Bluetooth function is not enabled, a pop-up window will appear. Please press the "Settings" button, another pop-up window shows the [Bluetooth control page](#). (Pic. 3)



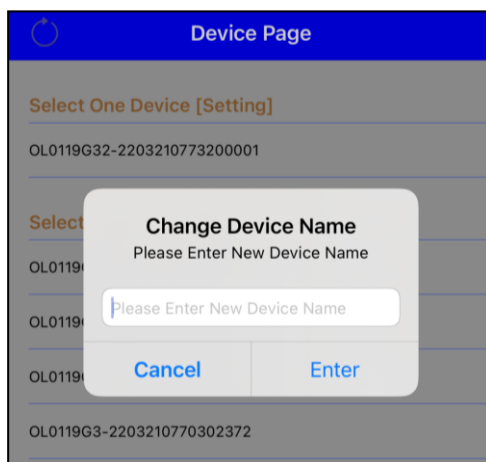
Please press "Allow New Connections"

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)
- ▲ 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 :
 - Use current device name
2. Click the "Enter" button :
 - If there is no text, the device name will revert to the device serial number.
 - If there are words, the device name will be replaced.

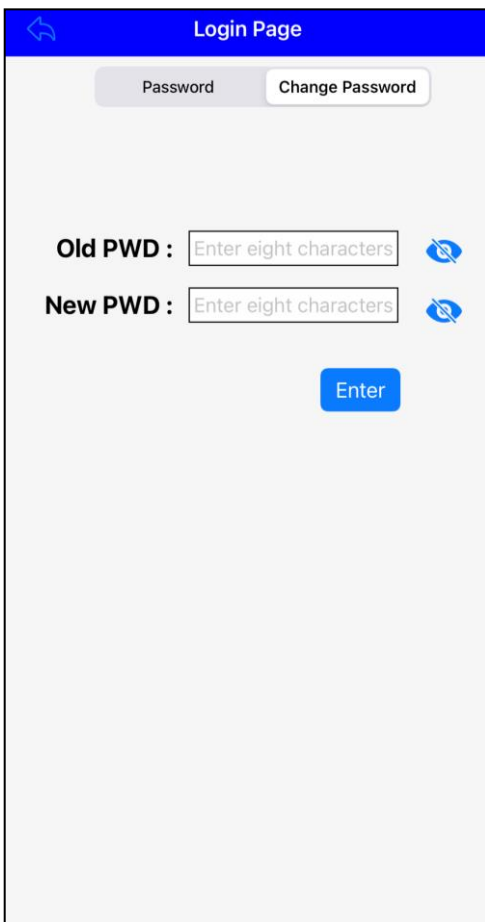
Login Password

The image displays two states of a login page interface. Both pages have a blue header with a back arrow and the text 'Login Page'. Below the header are two tabs: 'Password' (active) and 'Change Password' (disabled). The main content area contains a 'Password:' label followed by a text input field and a blue eye icon. Below the input field is a blue 'Enter' button. At the bottom, there is a red-bordered box containing a blue eye icon and the text 'Hide – password invisible' (left) or 'Show – password visible' (right). A blue arrow points from the 'Enter' button in the left state to the 'Show' state.

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.

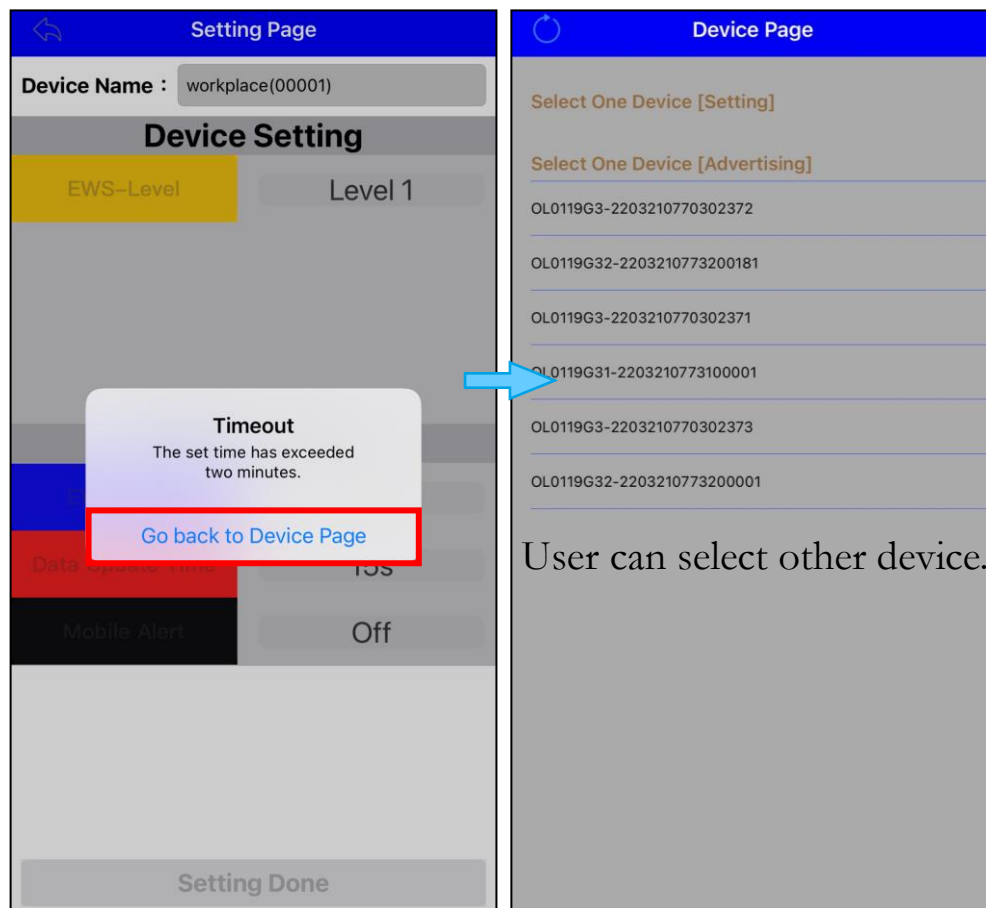
Change Password



The screenshot shows a web interface titled "Login Page" with a blue header. Below the header, there are two tabs: "Password" and "Change Password". The "Change Password" tab is selected. The form contains two input fields: "Old PWD" and "New PWD", both with placeholder text "Enter eight characters" and a blue eye icon to the right. Below the input fields is a blue "Enter" button.


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 turn off the device and click  and start over.

Set Parameter

Setting Page

Device Name : OL0119G3-2203210770302371

Mobile Setting

- EWS-Level: Custom
- Data Update Time: 15 sec
- Mobile Alert: Off
- CO2 Modified COE: 1

Device Setting

- EWS-Level: Custom
- Alert Limit: 2000
- LED Red Cycle: 15 s
- Red Limit: 2000
- LED Orange Cycle: 15 s
- Orange Limit: 1750

Setting Done

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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 you choose "On", turn on the volume.

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

Level 1
Level 2
Level 3
Custom

Set the EWS-Level on the OL0119 device.

Swipe to select other items

Setting done ?

No

Yes

Epidemic Warning Standards :

Level 1 : 1500 ~ 2000 ppm

Level 2 : 1200 ~ 1500 ppm

Level 3 : 800 ~ 1000 ppm

Set Parameter - Custom

11:44

Setting Page

Device Name : OL0119G3-2203210770302371

Mobile Setting

EWS-Level Custom

Data Update Time 15 sec

Mobile Alert Off

CO2 Modified COE 1

LED Orange Cycle 15 s ☒

Orange Limit 1750

LED Orange Cycle 30 s ☒

Green Limit 1500

LED Green Cycle 60 s ☒

Setting Done

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Swipe to select other items

Alert Limit 2000

LED Red Cycle 15 s ☒

Red Limit 2000

LED Orange Cycle 15 s ☒

Orange Limit 1750

LED Orange Cycle 30 s ☒

Green Limit 1500

LED Green Cycle 60 s ☒

Setting Rules :

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

Setting Range :

RED Limit : 1000 ~ 3000 ppm
 Orange Limit : 500 ~ 3000 ppm
 Green Limit : 400 ~ 1500 ppm
 Alert Limit : 400 ~ 3000 ppm

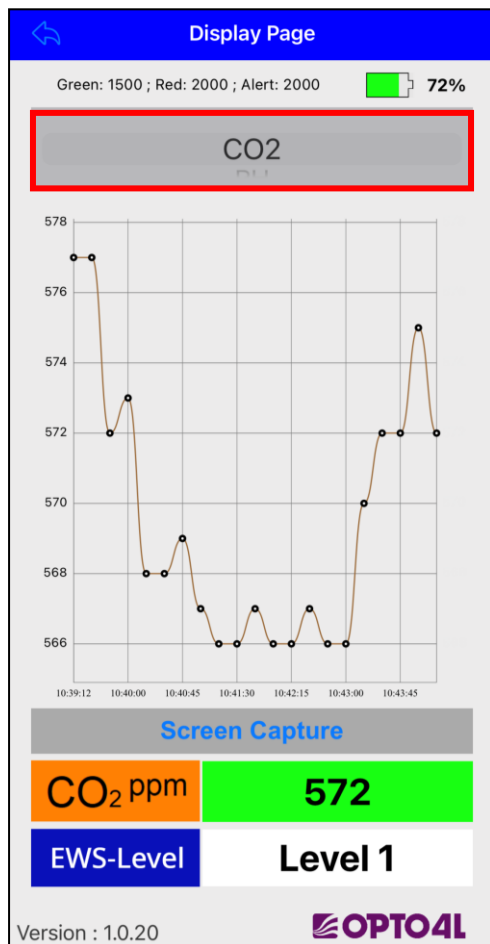


: Turn on the LED light



: Turn off the LED light

Measurement Page - CO2



: Back to setting page

Screen Capture

: Save Data



100%

: OL0119's power

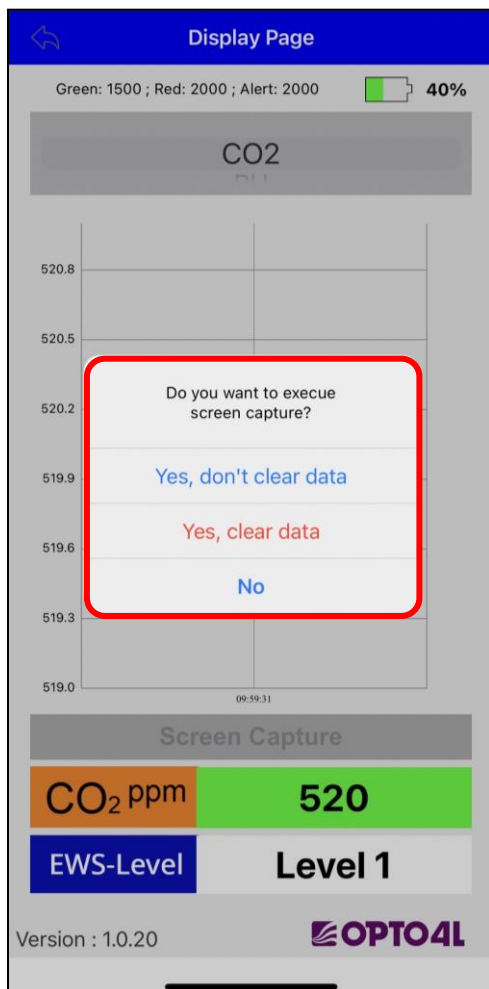
measurement item :

CO2

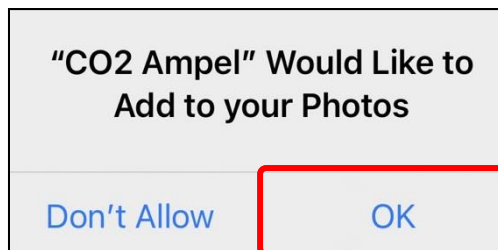
Green: 1500 ; Red: 2000 ; Alert: 2000

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

Save Picture and Require Photos Permission




Click “Screen Capture” **Screen Capture** will pop-up this window.



Please press the “OK” button.
(Photos permission request, only ask when saving the screen capture for the first time)

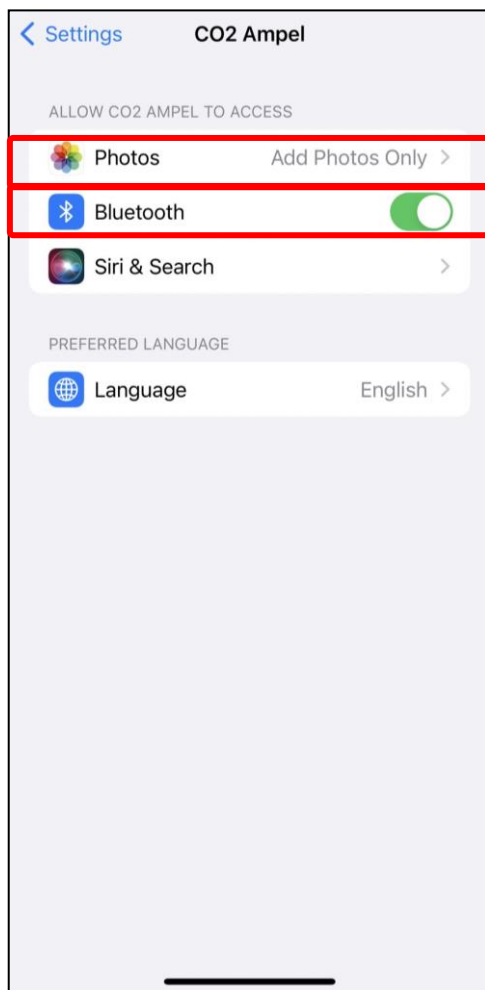
Picture's Location : Photos -> Screen Shot

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.



Troubleshooting



Into Settings -> Enable CO2 Ampel' s Bluetooth and Photos permission.

Photos : The screenshot feature in the CO2 Ampel app will work when permission to photo is granted.

Bluetooth : The Bluetooth's scan function will work when permission to Bluetooth is granted and mobile's Bluetooth is enabled.

Epidemic Warning Standards

EWS-Level CO₂ limit

