

RENSON SENSE GO

User manual





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Privacy Policy

Privacy Policy If this device is connected to the internet, it automatically transmits various device data to Renson. For more information on this data processing, see [Privacy Statement Renson Sense Go](#).

Service contact details

service@renson.be



WHY CHOOSE A RENSON SENSE GO?

Congratulations on your purchase! We guarantee you an opportunity for a healthier life thanks to the awareness of the indoor air quality offered by the Sense GO. This allows you to take all kinds of measures to effectively tackle indoor air quality.

Indoor air quality is about the air quality in any room, public or otherwise.

The awareness of indoor air quality has risen noticeably, and Covid may have had something to do with that. We are aware that we spend most of our time (up to 90%) indoors, which is why it's important to strive for a good and healthy indoor climate.

The Sense GO guarantees the measurement of this healthy indoor air and can show you the state of your indoor air quality via the accompanying app.

WHAT IS THE RENSON SENSE GO?

The Sense GO is a convenient Plug & Play indoor air quality monitor that measures CO₂, temperature, and relative humidity. As a multifunctional airquality monitor, the monitor adopts advanced sensor with high stability, small sensitivity drift and long service life, free from calibration operation. The monitor is applicable in indoor environments such as residential houses, offices, etc.

BEFORE YOU START ...

Before using the monitor for the first time, it is recommended to start charging the monitor for 24 hours in order to make the monitor more stable. For best monitoring result, set it up in a well-ventilated environment.

For ABC calibration (Automatic Baseline Calibration) to work properly, Sense GO must continuously monitor CO₂ levels for at least 7 days. During that time, it will record the lowest CO₂ level and set that as the 400 ppm baseline for future readings. Therefore, it is critical when using ABC calibration that the meter be exposed to fresh air at least once every 7 days.

If the device has been dropped or otherwise damaged, it may not be used anymore.



INSTALLATION OPTIONS

Depending on your requirements, you can either mount the Sense GO on the wall or stand it up somewhere.

1. Free-standing installation

The Sense GO's compact design and the handy tabletop tool make this indoor air quality monitor ideal to take with you wherever you go. The Sense GO can fit on practically any table, cabinet, desk, etc.

Slide the bracket onto it at the back of the housing and place the monitor on a flat and dust-free surface.

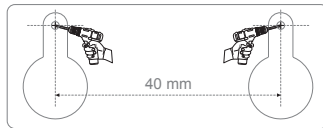
For the most accurate measurements, it is recommended to place the device in the 'breathing zone' i.e. between 70 centimetres and 1.8 m from the ground, in a central location in a dry, well-ventilated space.

Ensure that the monitor is stable and that no objects interfere with the penetration of CO₂ into the monitor.

2. Wall installation

If your preference goes to a wall-mounted Indoor Air Quality monitor, follow next steps to mount your Sense GO:

1. Use the accompanying positioning mark to easily attach your Sense GO to the wall at the desired height.



2. Using the positioning mark, drill two holes in the wall with a 5 mm diameter screw.

When drilling, make sure that you do not touch any important wires and keep your Sense GO away from the dust.

3. Push the plastic attachments into the drilled holes and screw the screws in until they stick out about 5 mm.
4. Your Sense GO can be easily affixed to the protruding screws.





IT'S ALL ABOUT THE DISPLAY

1. Control buttons

You can easily operate and set up your device using the four touch buttons on the display.



- Power on/off with a long press (approx. 5 seconds).
- When powered via AC adaptor, turn off/on the screen display with a short press.
- Press and hold “” and “” at the same time for approx. 2 seconds, the device will enter setup mode.
- In setup mode, save settings by pressing shortly.



- In normal state, enter mute mode with a short press. The sound symbol appears at the top of the display. Shortly press it once again to exit mute mode.
- In setup mode, return to previous page with a short press, exit current setting.



- In normal state, switch menu display with a short press.
- In setup mode, move on position to the right.
- In setup mode, increase value by one.



- In normal state, switch menu display with a short press.
- In setup mode, move on position to the left.
- In setup mode, decrease value by one.

2. Display views

The different display views allow you to decide for yourself what information your Sense GO displays.

You can choose from: CO₂ value and time (menu 1), temperature and humidity (menu 2), as well as the date and time (menu 3).

Use the “+” and “-” buttons on the display to easily switch between these three display modes.



Menu 1
CO₂ content



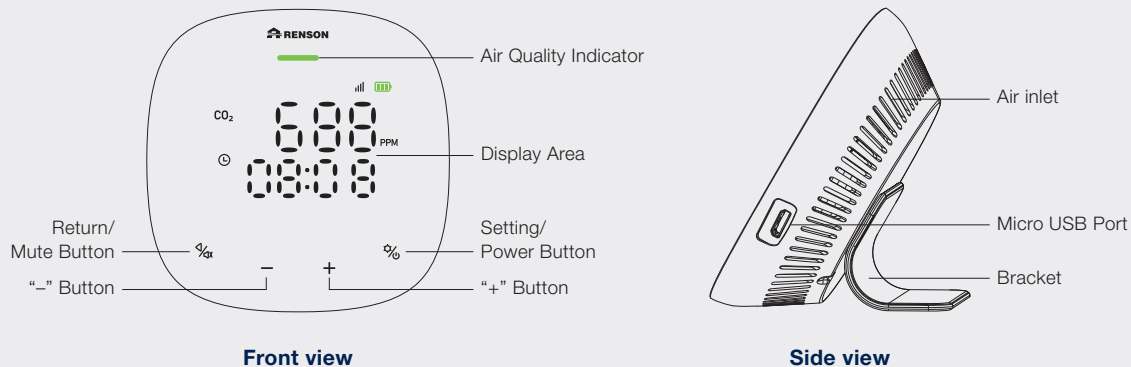
Menu 2
Temperature and humidity



Menu 3
Date and time

3. What do the symbols mean?

We would like to give you an overview of all the symbols shown on the display.



CO₂ Carbon dioxide (CO₂)

PPM CO₂ content in parts per million (proportions of CO₂ per million molecules in the air)

Temperature

°F Degrees Fahrenheit

°C Degrees Celsius

Relative humidity

% Percent

Time and date

Mute

Battery power (Green: > 50%; Yellow: 25-50%; Red: < 25%)

Setup

MAX Maximum value

MIN Minimum value

End time

Wi-Fi

INSTALLATION MANUAL

How does the Sense GO work?

Is the information on your Sense GO monitor enough for you? Then the Plug & Play method is the easiest for you as a way to consult the information. All you have to do is plug the Sense GO into the mains using the corresponding adapter. Once it is fully charged, you can also use the Sense GO as a portable device.

Do you prefer additional insights and want to look at the data logging of your device in the long term? Then follow the steps below to pair your Sense GO monitor with our Sense GO app.

1. Download the Renson Sense GO app

Download the Renson Sense GO application from the Play Store or App Store. Or scan the QR code below using the camera/QR scanner on your phone.



After downloading and opening the app on your phone, you will be asked to create an account on the following screen.



2. Create an account

Enter your info here. You will then receive an email at the email address provided to confirm your account.

Make sure you also check your Spam folder, in case the mail is not found in your inbox. If you still have not received any mail after several minutes, please contact service@renson.be.

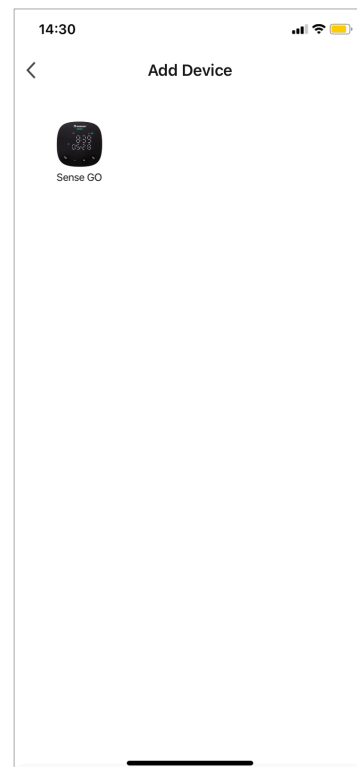
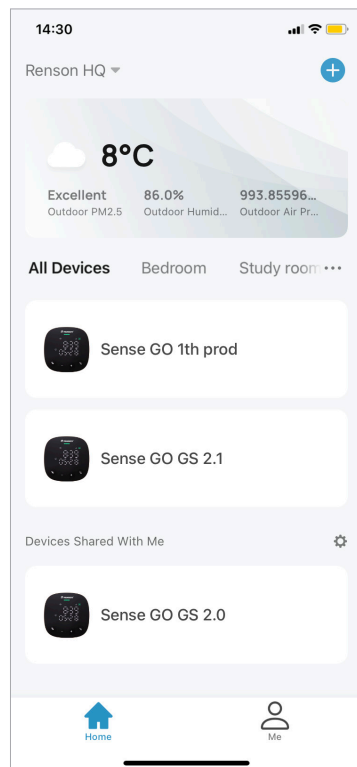
After confirming the received mail, you will be directed back to the app to log in.

3. Pair the Sense GO with your app

Select your desired monitor

Go to the app and tap the “+” sign in the upper right corner.

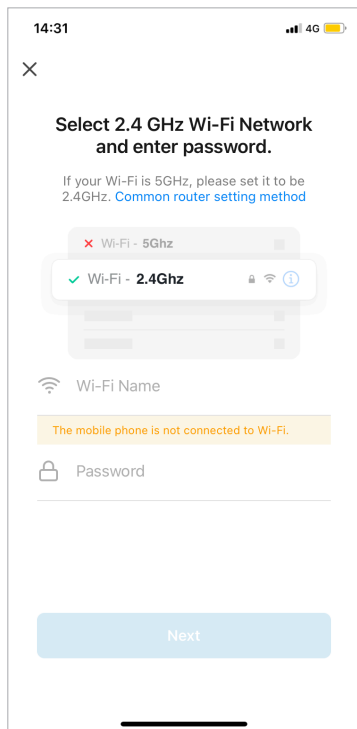
Select the device to be paired by tapping the Sense GO monitor.



3. Pair the Sense GO with your app

Specify your desired network

Select your desired network and enter its password. You will need to use a 2.4 GHz Wi-Fi network for this to work.



Once the Wi-Fi network is selected and you tap 'next', further instructions will appear in the app.

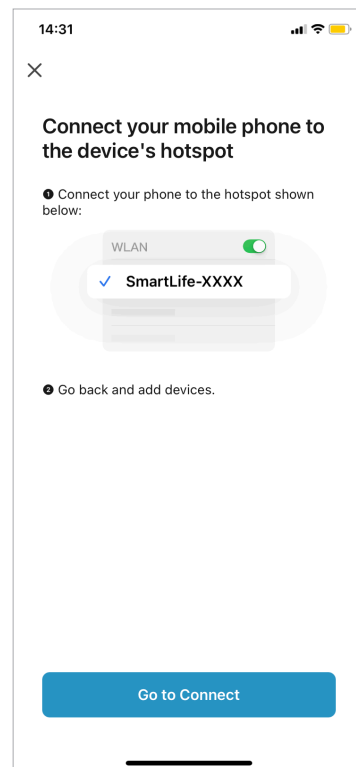
Connecting your Sense GO

The following instructions can be seen in the app:
Plug in your Sense GO monitor if it is not already plugged in.

Now go to your monitor and press the “+” button for 5 seconds to put your Sense GO into pairing mode. To do this, the Wi-Fi sign on your monitor will blink.



Confirm in the app that the Wi-Fi sign is blinking slowly. A new screen will appear to connect your phone to the local network on your Sense GO device.



3. Pair the Sense GO with your app

Tap 'Connect Now' to automatically go to your phone's Wi-Fi settings. Connect it using the Wi-Fi for your Sense GO monitor (SmartLife-XXX) and go back to the Sense GO app to start the configuration.

A new screen with a countdown timer will appear.



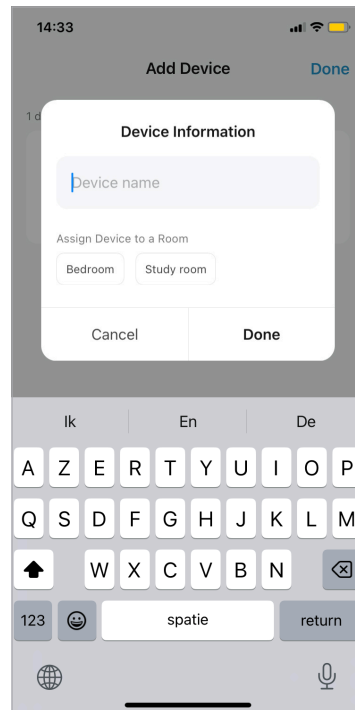
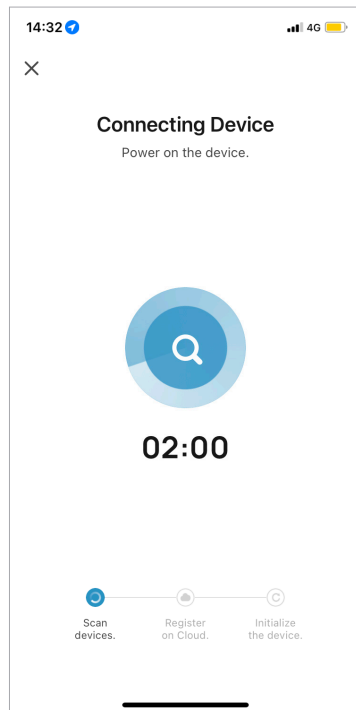
If the device is connected to the desired network, 'ONLINE' will appear on the monitor's display and the Wi-Fi symbol on the monitor will be constantly lit. Then the monitor returns to its main menu.



The device will then also pair with the app, in which the screen below will appear.

Congratulations, your Sense GO monitor is now paired with the app!

You can also rename your device in this step.



If the device will not connect to the app within three minutes, a screen will pop up with info about the Timeout. Please check these things and try again later.

However, there is a possibility that the monitor itself is already connected to Wi-Fi and is 'ONLINE'. In this case, a factory reset should be done before performing the pairing process again. For more info on factory reset, see section 'User Manual: point 4 Factory reset'.

USER MANUAL

1. What does the Sense GO tell you?

Air quality is displayed via the LED status bar at the top of the display, based on the traffic light effect. The change of status is based on the set CO₂ thresholds (that you chose).

When changing to moderate or poor air quality, both the status bar and the displayed values blink for 30 seconds to attract attention.

When changing to the worst quality, an additional alarm tone can be played as an option. The audible signal can be muted early by pressing any button on the monitor.

The following thresholds are used in the Belgian legislation. These imposed thresholds may vary from country to country.

- Air quality is good when the CO₂ concentration is less than 800 ppm (default setting: < 1000 ppm)
- Air quality is moderate when the CO₂ concentration is between 800-1200 ppm (default setting: 1000-2000 ppm)
- Air quality is bad when the CO₂ concentration exceeds 1200 ppm (default setting: > 2000 ppm)

The following topic clearly explains how to change the thresholds.

The Sense GO is powered via AC adapter

	'Always on' display	Display in standby/night mode
Good air quality	Status bar remains green until status changes.	Brief illumination of green bar, every 5 seconds
Moderate air quality	The status bar blinks yellow for 30 seconds. Then the status bar remains yellow until the status changes.	Brief illumination of yellow bar, every 5 seconds
Poor air quality	The status bar blinks red for 30 seconds, with optional alarm tone. Then the status bar remains red until the status changes.	Brief illumination of red bar, every 5 seconds

The Sense GO is battery-operated

The display automatically goes into standby mode to save the battery. But you still get limited information even in standby mode.

Good air quality	Brief illumination of a green bar every 5 seconds.
Moderate air quality	Display lights up with both the status bar and the values flashing for 30 seconds. Values remain visible for 1 minute before switching to standby mode and there is a brief illumination of a yellow bar every 5 seconds.
Poor air quality	Display lights up with both the status bar and the values flashing for 30 seconds. Values remain visible for 1 minute before switching the display to standby mode and there is a brief illumination of a red bar every 5 seconds.

The Sense GO in night mode (regardless of whether it is plugged in/battery-operated)

While in night mode, the display barely lights up to maximise sleep. However, we still want to provide a minimal amount of information about air quality through Sense GO.

Good air quality	Brief illumination of a green bar every 5 seconds.
Moderate air quality	Display lights up with both the status bar and the values flashing for 30 seconds. Values remain visible for 1 minute before switching to standby mode and there is a brief illumination of a yellow bar every 5 seconds.
Poor air quality	Display lights up with both the status bar and the values flashing for 30 seconds. Values remain visible for 1 minute before switching the display to standby mode and there is a brief illumination of a red bar every 5 seconds.

2. Setup settings

General setup

All the settings can be easily set using the buttons on your Sense GO monitor.

To access the general setup menu, follow the steps below.

1. Press and hold “ $\frac{\%}{\text{gr}}$ ” and “ $\frac{\%}{\text{gr}}$ ” at the same time for approx. 2 seconds, the device will enter setup mode and setup icon “ \odot ” is lighted on.

From here, you can change the different thresholds or other settings per display menu.

2. Short press “ \oplus ” or “ \ominus ” to switch on display. Short press “ $\frac{\%}{\text{gr}}$ ” to enter the setup state for current display page.

CO₂ setup

Go to the CO₂ display in the settings menu via the “general setup” instructions.

Tap the power button to go through the following steps:

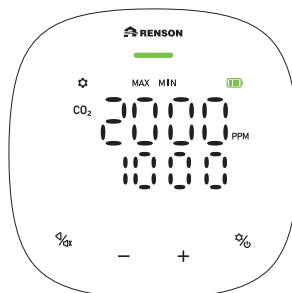
1. Set max. value for CO₂ alarm: MAX and max. value flash, short press “ \oplus ” or “ \ominus ” to increase/decrease the value.
2. Short press “ $\frac{\%}{\text{gr}}$ ” to switch between max. and min. value setting.
3. Set min. value for CO₂ alarm: MIN and min. value flash, short press “ \oplus ” or “ \ominus ” to increase/decrease the value.
4. Short press “ $\frac{\%}{\text{gr}}$ ” to save set values and go back to previous page.

Temperature setup

Go to the temperature display in the settings menu via the “general setup” instructions.

Tap the power button to go through the following steps:

1. “°C/°F” icon flashes, short press “ \oplus ” or “ \ominus ” to switch between °C and °F unit.
2. Set max. value for temperature: MAX and max. value flash, short press “ \oplus ” or “ \ominus ” to increase/decrease the value.
3. Short press “ $\frac{\%}{\text{gr}}$ ” to switch between max. and min. value setting.
4. Set min. value for temperature: MIN and min. value flash, short press “ \oplus ” or “ \ominus ” to increase/decrease the value.
5. Short press “ $\frac{\%}{\text{gr}}$ ” to save set values and go back to previous page.



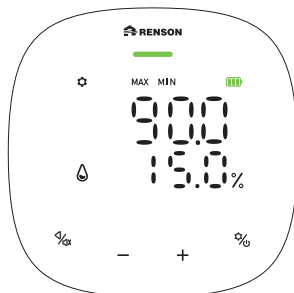
2. Setup settings

Humidity setup

Go to the humidity display in the settings menu via the “general setup” instructions.

Tap the power button to go through the following steps:

1. Set max. value for humidity: MAX and max. value flash, short press “+” or “-” to increase/decrease the value.
2. Short press “%” to switch between max. and min. value setting.
3. Set min. value for humidity: MIN and min. value flash, short press “+” or “-” to increase/decrease the value.
4. Short press “%_{air}” to save set values and go back to previous page.

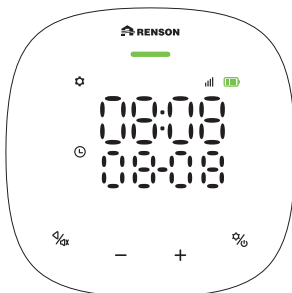


Time and date setup

Go to the time and date display in the settings menu via the “general setup” instructions.

Tap the power button to go through the following steps:

1. Number flashes, short press “+” or “-” to adjust the time and date.
2. Short press “%” to switch between time and date setting.
3. Short press “%_{air}” to save set values and go back to previous page.



“Night mode” setup

Go to the night mode display in the settings menu via the “general setup” instructions.

Tap the power button to go through the following steps:

1. Number flashes, short press “+” or “-” to adjust the start time and end time.
2. Short press “%” to switch between start time and end time setting.
3. Short press “%_{air}” to save set values and go back to previous page.



3. Battery

The rechargeable lithium-ion battery can support the normal operation of the Sense GO for about max. 6 hours*. This portable function makes it easy to take the Sense GO with you everywhere: car, train, office, etc., all thanks to the built-in charger protection design.

We recommend that you charge the Sense GO for at least 24 hours when using it for the first time.

The battery symbol is only displayed when the Sense GO is running on its battery. Once the monitor is connected to an AC adapter, this symbol disappears and the battery is charging.

- Green: battery capacity > 50%
- Orange: battery capacity between 50-25%
- Red: battery capacity < 25%

If the battery is completely flat, a short alarm signal will sound to make you aware that the monitor needs power.

When push notifications are enabled in the app, a notification of this is also sent to your device.

4. Factory reset

Pick up your Sense GO monitor. Press the “+” button for about 5 seconds until you see ‘ONLINE’, then press the “+” again briefly until you see a countdown clock of ‘3:00’. If you then briefly tap the “+” again, ‘OFFLINE’ appears and all the settings have been reset.

If Sense GO is already connected, both the time and date will be retained after a factory reset.



* The battery life here is for reference only, as it varies in different conditions.

WHAT'S IN THE BOX?



- Sense GO Indoor Air Quality monitor
- Micro USB cable
- Adapter
- Quickstart manual
- Bracket
- Fixing material
 - Positioning mark
 - Plugs and screws



APP READY FOR USE

After installing the app and connecting the monitor, it is ready to use.

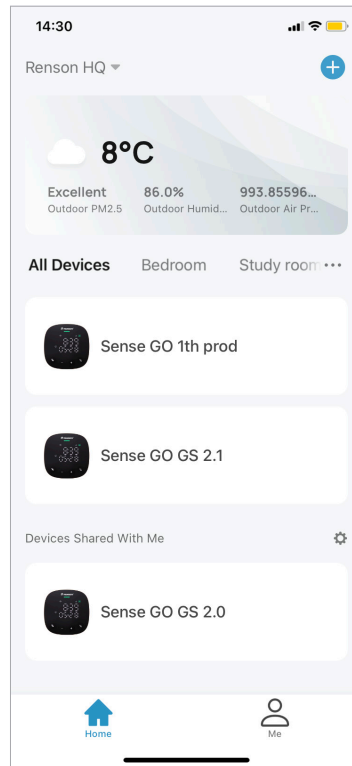
As mentioned earlier, the Sense GO can also be accessed completely autonomously, without using the app. In this case, you can ignore this section.

In case you did pair the Sense GO, it offers you the possibility to retrieve and consult the measured data. The following explains all the functionalities of this app.

The app is suitable for retrieving and accessing the measured data. The following explains how everything works.

Overview is the basis to everything: my family

After pairing your Sense GO, you will be taken to the home screen, i.e. 'Home'. This screen shows you an overview of all paired or shared monitors.



There are two types of devices shown on the home screen.

- Devices you have paired yourself
- Shared devices

What is the difference now?

Self-paired devices can be found at the top of the home screen. You own these devices and hereby have the ability to manage these devices – such as sharing devices with others, adding to the home screen, etc.

A separate category is provided for shared devices on the home screen, where you can find all the devices shared with you. You do not own these devices yourself and have no rights, but you do get insight into the data. It is also possible to export this data.

Menu page per monitor

It is possible to retrieve (historical) data per Sense GO from the home screen.

Tap on the desired Sense GO you want to consult. A new screen, the menu of the desired Sense GO, opens with all the necessary information.

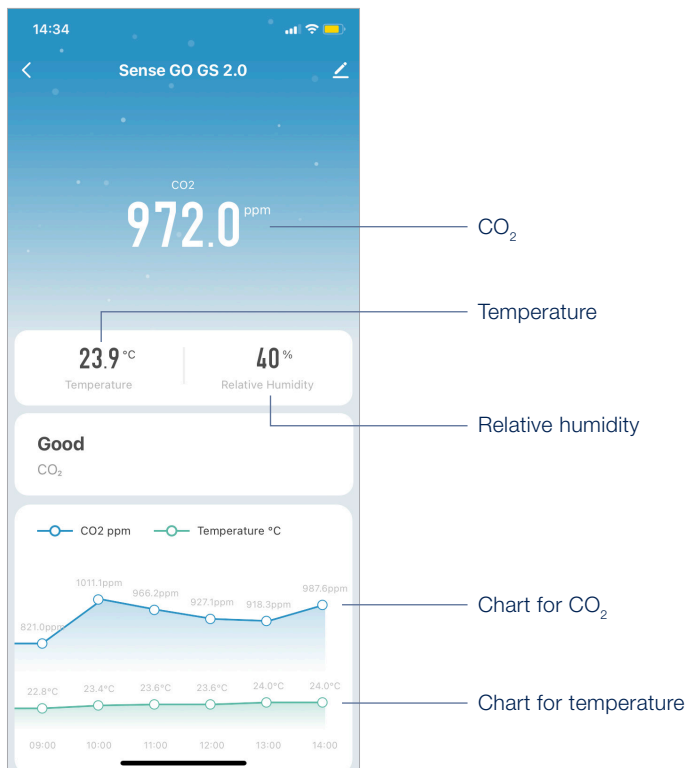
Here, you can obtain the following data:

- CO₂ value
- Temperature
- Relative humidity

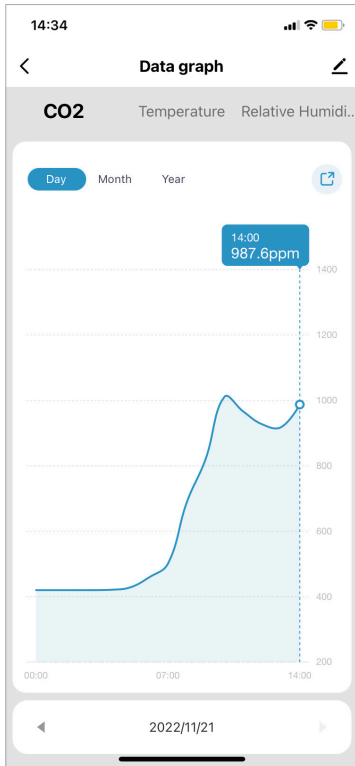
Note that there may be some delays on these values compared to the displayed values on the Sense GO monitor itself.

You can find the historical data for all the above data in the charts.

You will immediately find the chart for CO₂ and temperature on the main screen.




As soon as you tap this chart, you will be taken to a new screen with an expanded data chart attached. In addition to CO₂ and temperature, which were already visible, relative humidity is now also displayed in the data chart. Choose the sensor value you'd like to see from the drop-down menus at the top. In addition, you can obtain a further breakdown by day, month, or year.

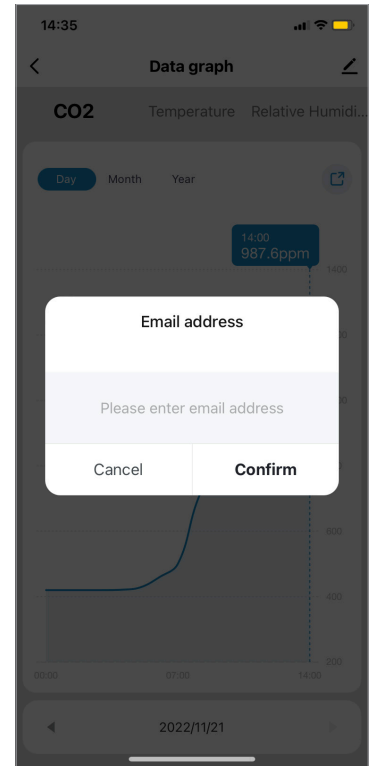


The shifting dotted line makes it easy to find the average reading for the desired moment where you are standing. To change the date, tap the arrows at the bottom.

In addition to real-time visualisation of historical data, the app allows data for a given period to be exported to an Excel table. You can use this to analyse this data yourself.

Go to the period you wish to analyse – by day, month, or year – and tap the export symbol “

Should you not see any mail appear in your inbox within two minutes, we recommend you check your Spam folder.



Profile page

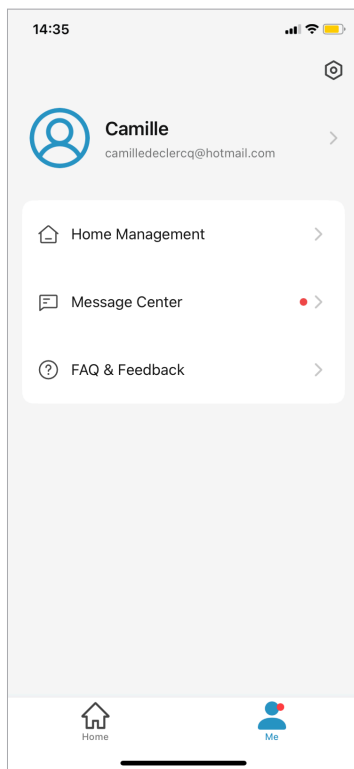
In addition to data analysis, you can further develop your Home management via 'Me'.

Here, there is the possibility of linking your monitors to specific created houses or rooms according to your desire. This can provide a clearer overview if you have a lot of Sense GO monitors.

The Profile page is also the ideal vantage point to send feedback or consult our FAQ.

Those same FAQ questions can also be found on our website.

Further personal info and settings can be found at 'Me'.



TECHNICAL SPECIFICATIONS

Cleaning

- Dusty monitors have to be cleaned. Dust deposits in the air inlets of the monitor can be vacuumed or blown out. If necessary, you can remove the dust with a brush.
- The surface can be cleaned using a cloth lightly moistened with soapy water.
- Do not allow water to enter the inside of the device.
- Do not clean the device in a dishwasher.
- Do not use sharp, pointed, abrasive, or corrosive cleaning materials or hard brushes.
- Do not use chemicals and do not clean the monitor with highly flammable liquids.

Safety

- Do not cover the monitor and in particular do not block the air inlets while the monitor is active.
- Ensure the monitor is away from direct sunlight to protect the components inside the monitor.
- Keep water and other liquids away from the monitor as it is not waterproof.
- Do not insert sharp, flammable or metallic objects into the air inlets as this can result in an electric shock or burns.

- This product contains a backup lithium-ion battery. Backup batteries may only be replaced or removed by professional. Do not use the product in environments where there is a risk of explosion, e.g. from flammable liquids, gases or dust. Never burn the product! The battery may explode in the fire. This would also release toxic substances. Only use the micro USB cable provided and a suitable charging device (power supply unit 5V DC) to charge the device.

Statement

- The information in the user manual is for reference only and does not constitute any form of commitment.
- Without the written permission of the manufacturer, any individual or organization shall not extract or copy part or all of the contents of this user manual, and shall not spread it in any form.
- As the technology is constantly updated, the manufacturer reserves the right to modify the user manual without prior notice. If the user manual and the actual operations is inconsistent, the final interpretation is reserved to the manufacturer herein.

Usability's

- Wi-Fi router en internettoegang
- Openbare hotspots zijn niet van toepassing
- Voeding: DC5V/1A Micro USB
- Networking: Wi-Fi 2.4GHz
- Beveiliging: WPA, WPA/WPA2, WPA2 – Note: Not compatible with WPA2 Enterprise
- CO₂: 400 ~ 5000 ppm
- Vochtigheid: 10% ~ 95% RH (non-condensing)
- Temperatuur: -10 °C ~ +40 °C
- Alarm triggering: Poor: > 2000 ppm (default setting, can be adjusted on CO₂ setup page)
- Chargeable Lithium-Ion battery, with max. capacity of 6 h

Sensors

- CO₂ sensor
- Temperature sensor
- Humidity sensor

Application

- Download for free from the App Store (Apple) & Play Store (Android)
- No subscription fees



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