AirCheq
CanAiry Plus

USER MANUAL



arizo.
breathtaking air quality

AirTeq
indoor monitoring

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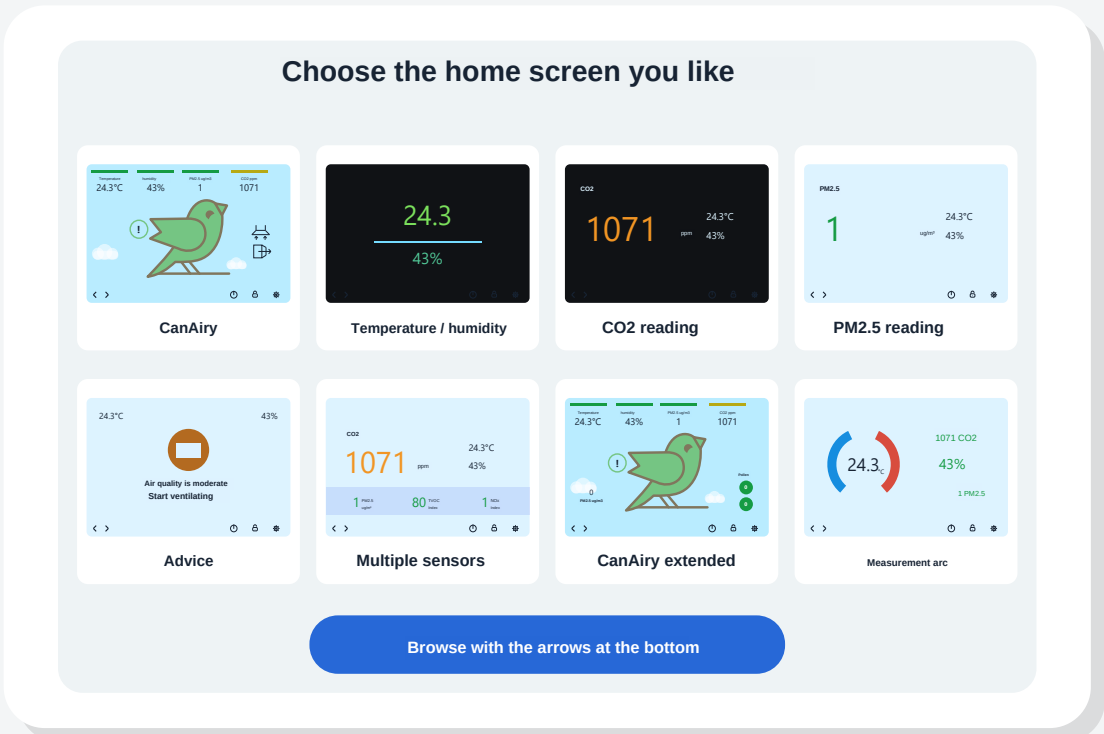
Switching between home screens

Route: Home screen > browse with the arrows



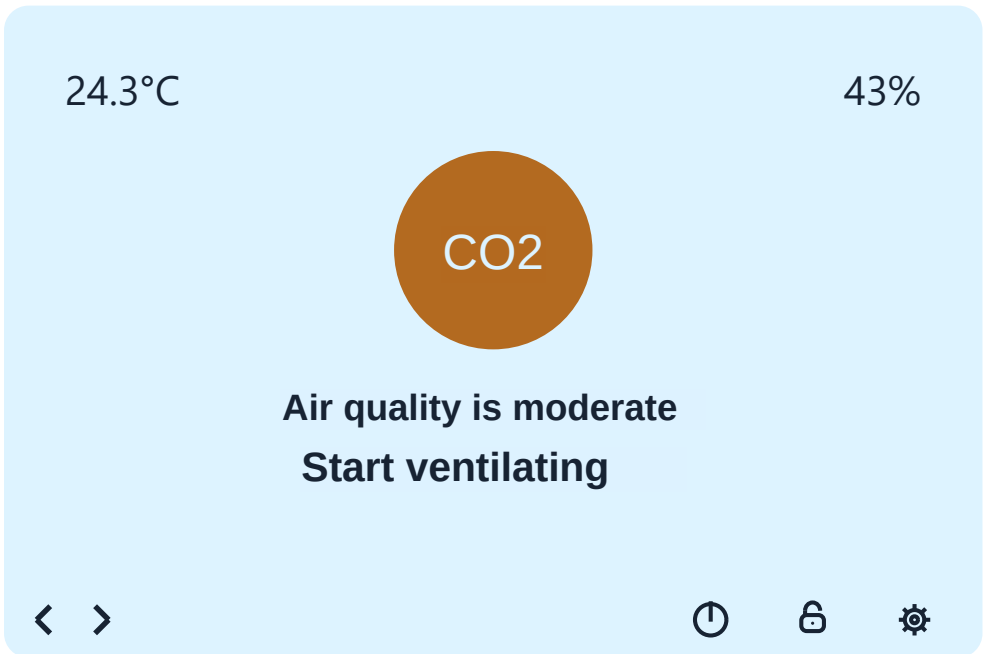
Choose the home screen you like best.

Several home screens are available: CanAiry, separate or combined readings, advice, and a measurement arc. Depending on the sensor, you can choose a light or dark version.

1. Tap the green up arrow to open the bottom control bar.
2. Tap a browse arrow at the bottom left.
3. Each tap brings the next home screen into view in the carousel.
4. Which screens are available depends on the version.

CanAiry gives advice

Route: Home screen > advice screen



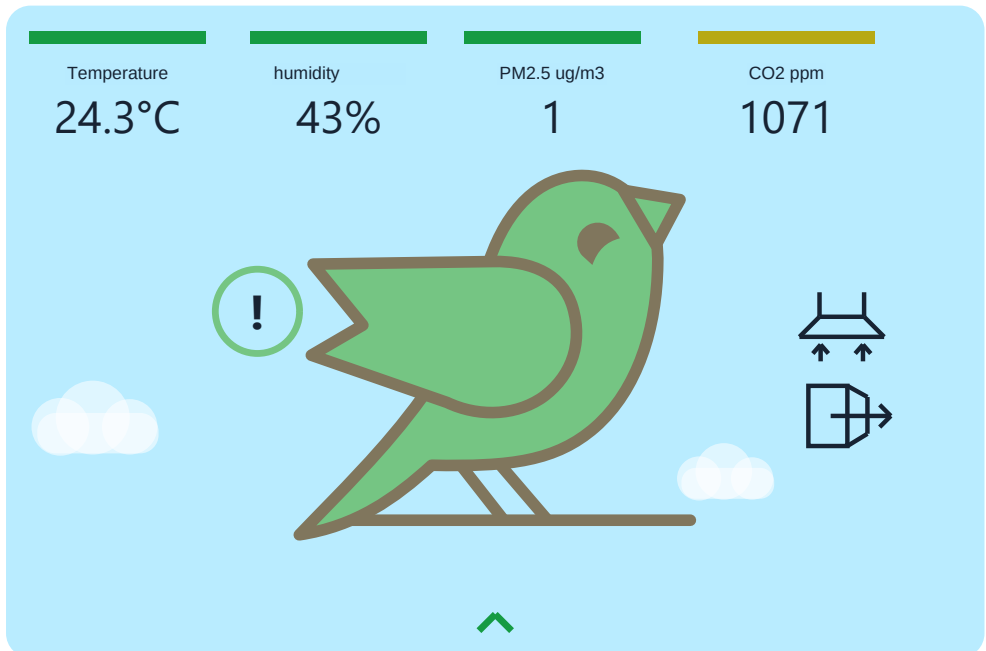
When air quality is moderate, the advice ‘Start ventilating’ appears.

CanAiry translates a configured threshold into simple, actionable advice. This way the user immediately knows that ventilating or opening a window is needed.

1. Read which measurement needs attention, for example CO2.
2. Read the assessment, for example that air quality is moderate.
3. Follow the advice, such as opening a window or switching on ventilation.
4. The advice follows from the configured thresholds.

The CanAiry home screen

Route: Home screen > CanAiry



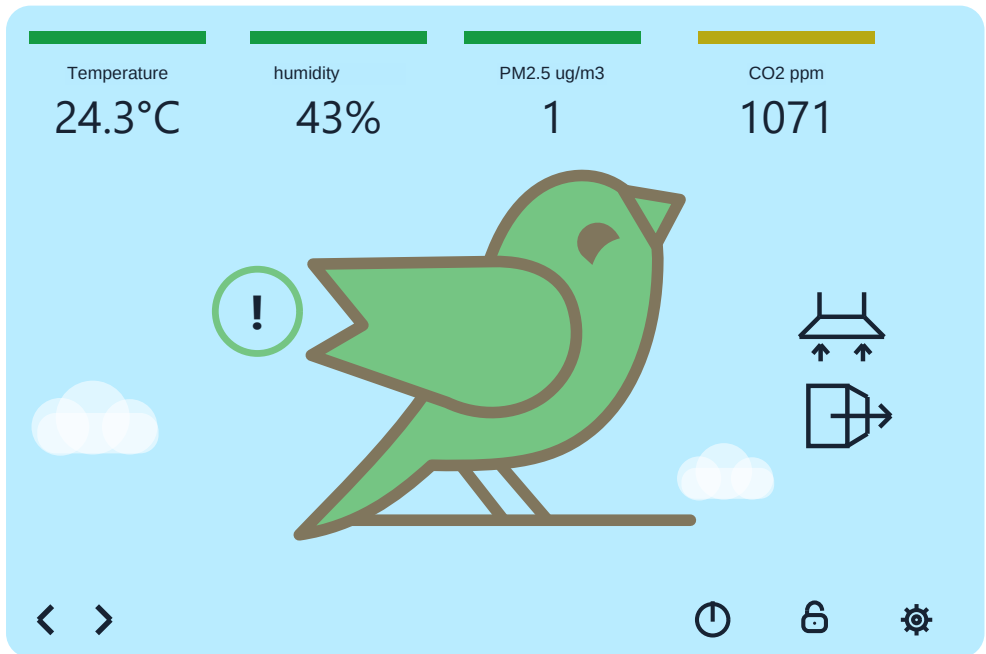
The CanAiry bird makes the current situation recognisable at a glance.

The current readings are shown at the top. The bird and the symbols around it help you quickly understand the situation.

1. At the top, view temperature, humidity, fine dust and CO2.
2. Watch the colour and state of CanAiry when a value changes.
3. First tap the green up arrow; then use the browse arrows to go to a reading or advice screen.

Control buttons

Route: Home screen > green up arrow



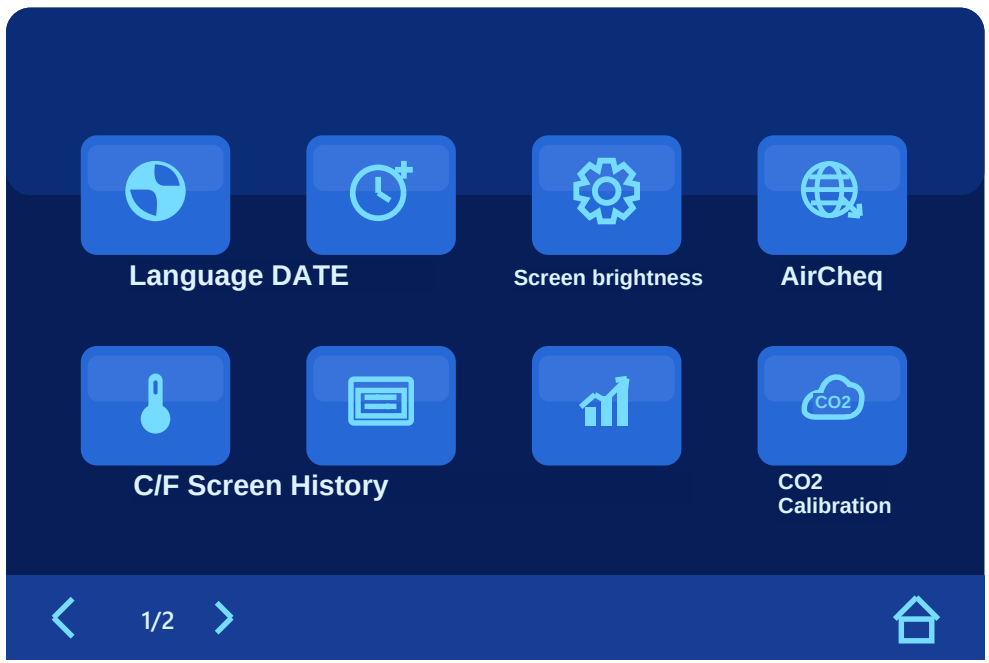
Tap the green up arrow at the bottom to open the bar.

The bottom bar lets you switch off the device, lock the screen, or open the settings.

1. First tap the green up arrow at the bottom of the home screen.
2. Tap the power icon to switch off the device.
3. Tap the lock to use the screen lock.
4. Tap the gear icon to open Settings.

Settings page 1

Route: Home screen > touch screen > Settings (gear)



The first page contains the general settings.

Tap a tile to open the corresponding item.

1. Use the arrows at the bottom to switch between page 1 and 2.
2. Tap the house icon to return to the home screen.
3. The available tiles can differ per sensor version.

Settings page 2

Route: Home screen > Settings > arrow to page 2



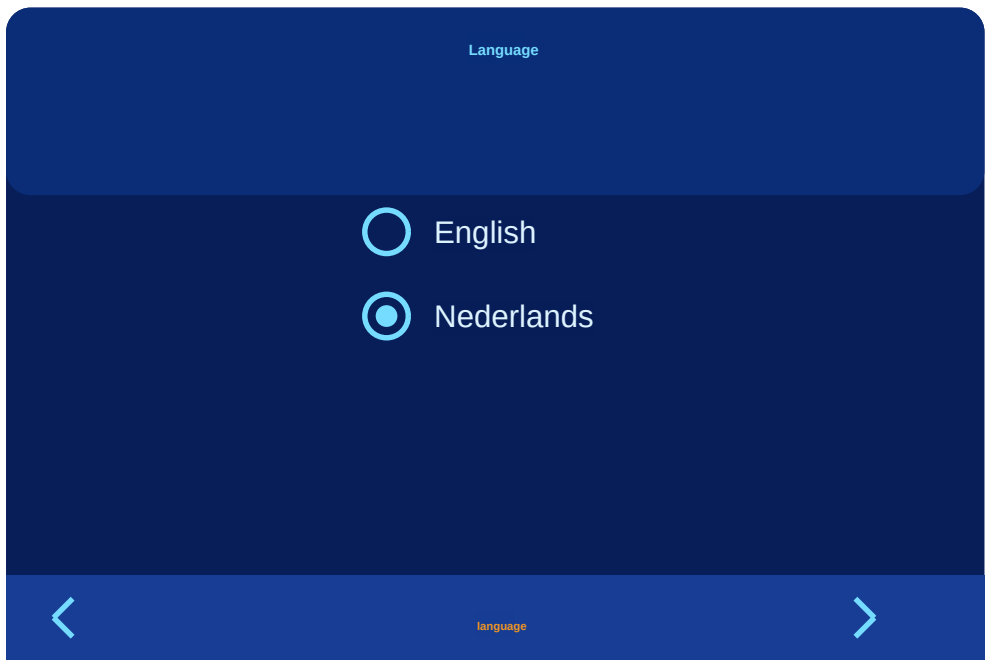
The second page contains sensor, network and system functions.

Here you can open, among other things, the alarm values, network connection, system information, lock and reset function.

1. Tap a sensor tile to view the corresponding alarm limits.
2. Use Network settings for wifi.
3. Use System information for version and device data.

Setting the language

Route: Home screen > Settings > Language



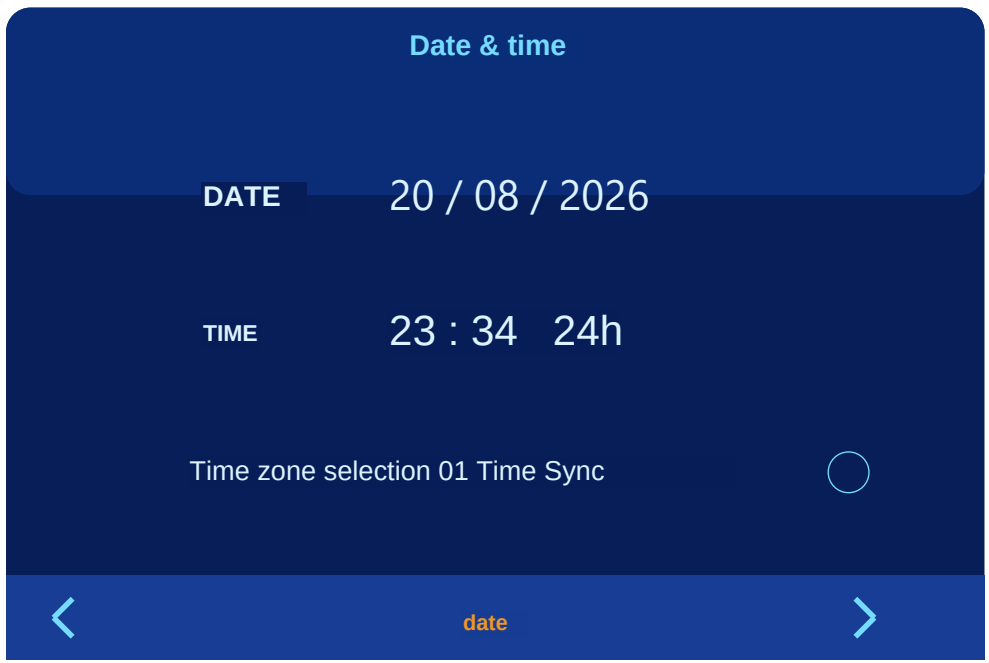
Choose Nederlands or English.

The chosen language is used for the menus on the device.

1. Open Settings and tap Language.
2. Tap Nederlands or English.
3. Tap the back arrow to return.

Date & time

Route: Home screen > Settings > DATE



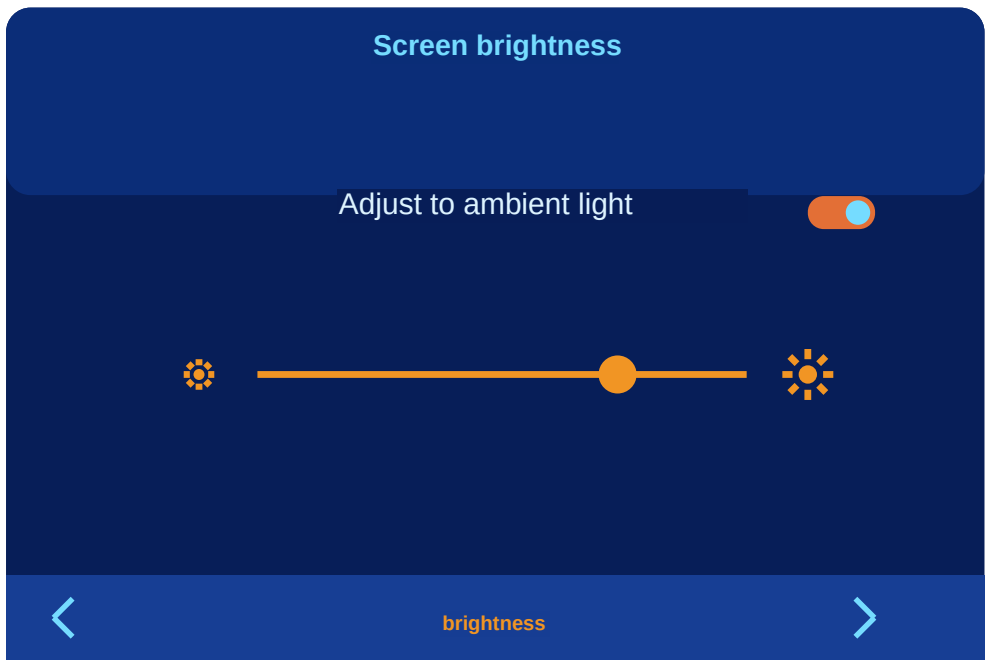
Set the date, time, time zone and time synchronisation.

The values can be adjusted manually. With Time Synchronisation, the device uses the time via the network connection.

1. Open Settings and tap DATE.
2. Select day, month, year, hour or minute in turn.
3. Adjust the selected value with the arrows.
4. Choose the time zone and switch Time Synchronisation on if desired.

Screen brightness

Route: Home screen > Settings > Screen brightness



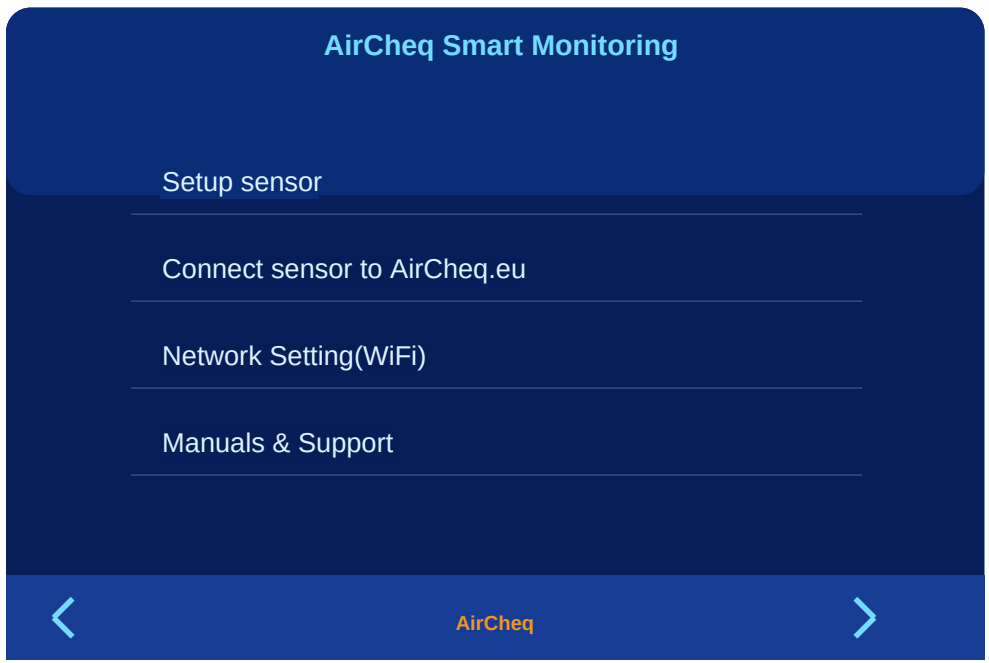
Brightness can be adjusted manually or automatically.

Automatic adjustment uses the ambient light to dim the screen in low light.

1. Open Settings and tap Screen brightness.
2. Drag the slider to change the brightness.
3. Switch on Adjust to ambient light for automatic dimming.

AirCheq Smart Monitoring

Route: Home screen > Settings > AirCheq



The AirCheq menu brings together online functions and support.

The available options depend on the version and connection of the sensor.

1. Choose Setup sensor for information about getting started.
2. Choose Connect sensor to AirCheq.eu for online monitoring.
3. Use Network Setting(WiFi) to choose a network.
4. Open Manuals & Support for more information.

Setting up the sensor

Route: Home screen > Settings > AirCheq > Setup sensor



Information for first-time use.

The sensors are automatically calibrated on first use.

1. Leave the device switched on continuously for seven days for the initial calibration described.
2. On a device with wifi, check via System information whether updates are available.
3. After installing an update, also perform a factory reset to complete the update correctly.
4. Note that a factory reset removes the saved settings.

Online monitoring

Route: Home screen > Settings > AirCheq > Connect sensor to AirCheq.eu



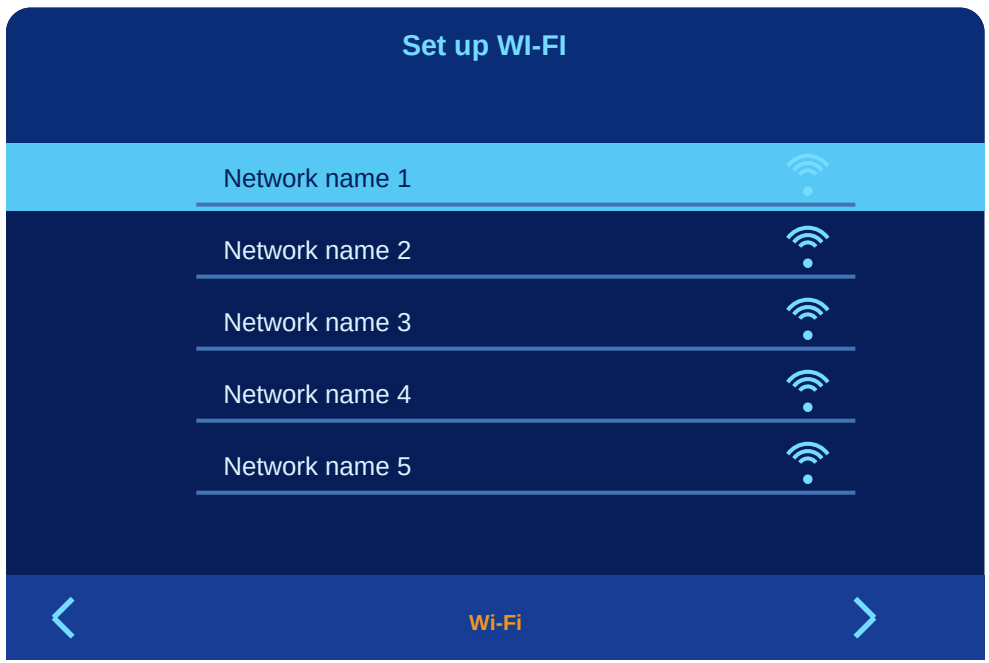
The screen mentions AirCheq.com; for support: aircheq.eu/support.

For online monitoring, the sensor must be connected to a 2.4 GHz wifi network.

1. Open Connect sensor to AirCheq.eu.
2. Follow the information shown for connection and registration.
3. A subscription is required to use the online software.

Connecting to wifi

Route: Home screen > Settings > AirCheq > Network Setting(WiFi)



Select the desired 2.4 GHz wifi network here. Network names differ by location.

Select an available 2.4 GHz wifi network and enter the corresponding password.

1. Open AirCheq Smart Monitoring and choose Network Setting(WiFi).
2. Tap the desired network.
3. Enter the password and confirm the connection.
4. Afterwards, check whether the wifi symbol is displayed.

Manuals and support

Route: Home screen > Settings > AirCheq > Manuals & Support



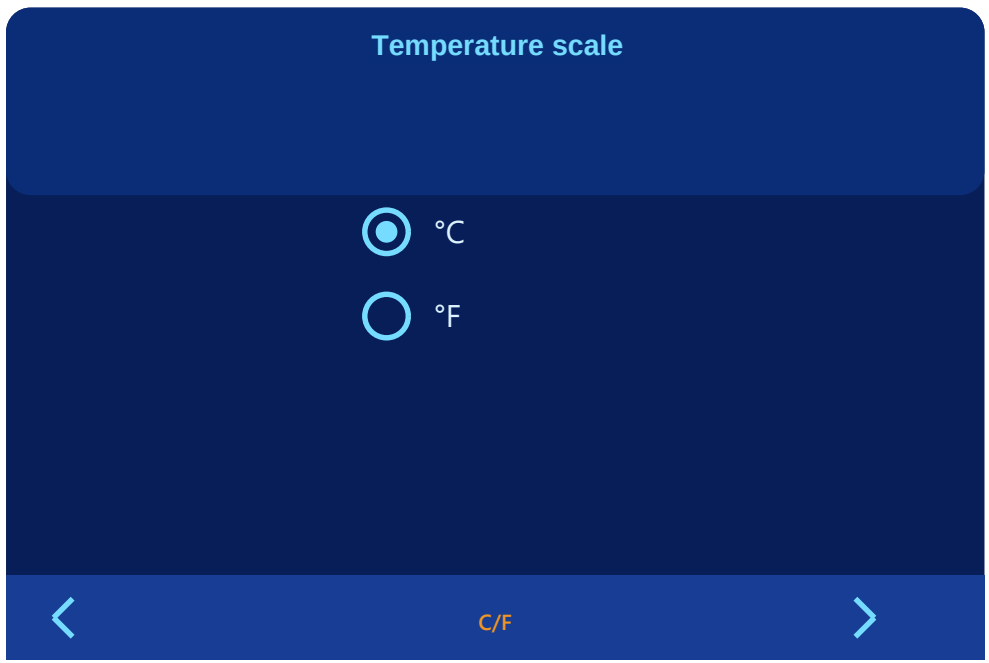
The support page is shown on the device.

Use the support page for additional documentation and contact information.

1. Open AirCheq Smart Monitoring.
2. Tap Manuals & Support.
3. Go to www.aircheq.eu/support.

Temperature scale

Route: Home screen > Settings > C/F



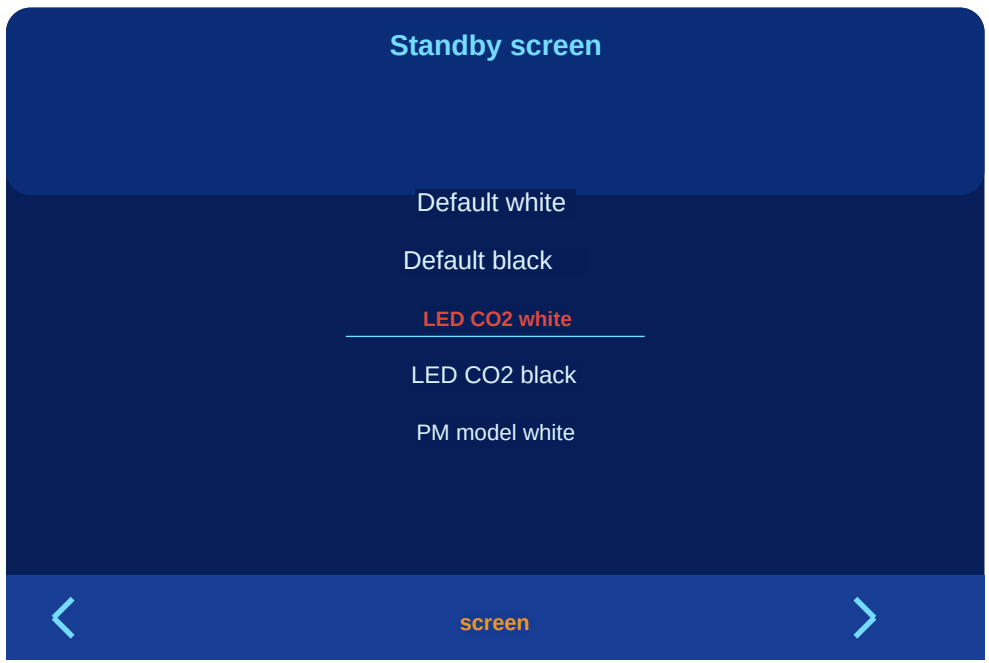
Choose degrees Celsius or Fahrenheit.

The selected unit is used for the temperature display.

1. Open Settings and tap C/F.
2. Select °C or °F.
3. Tap the back arrow to return.

Standby screen

Route: Home screen > Settings > Screen > Screen options



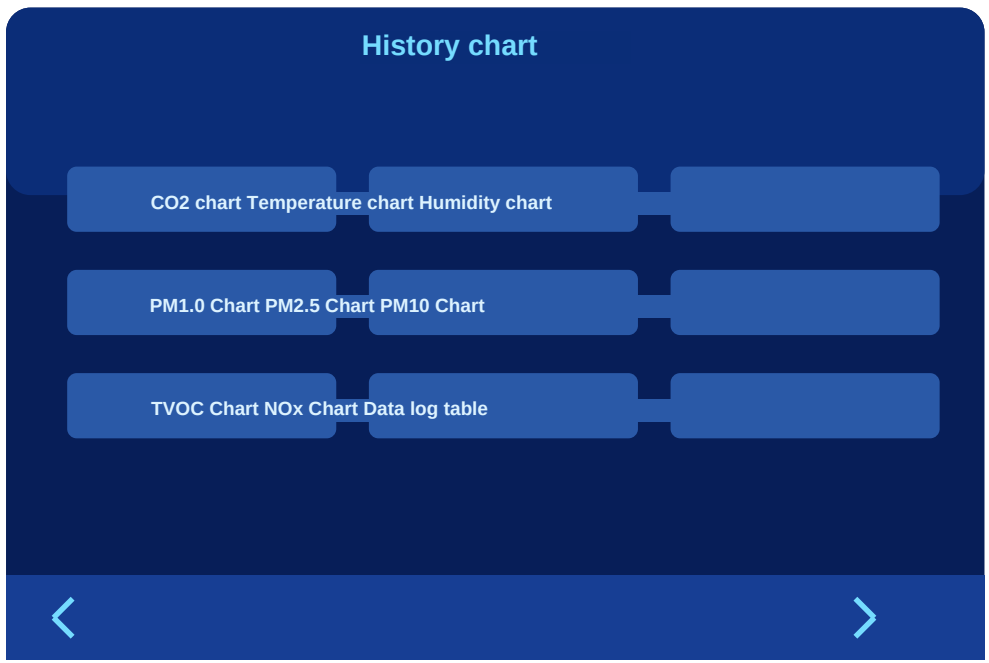
Via Screen options you open the list of available standby screens.

Depending on the sensor version, various light and dark standby screens are available, including CO2, PM, temperature/humidity and CanAiry displays.

1. Open Settings and tap Screen.
2. Read the short explanation and tap Screen options.
3. Browse through the available options with the arrows.
4. Tap the desired option to select it.

Opening the measurement history

Route: Home screen > Settings > History



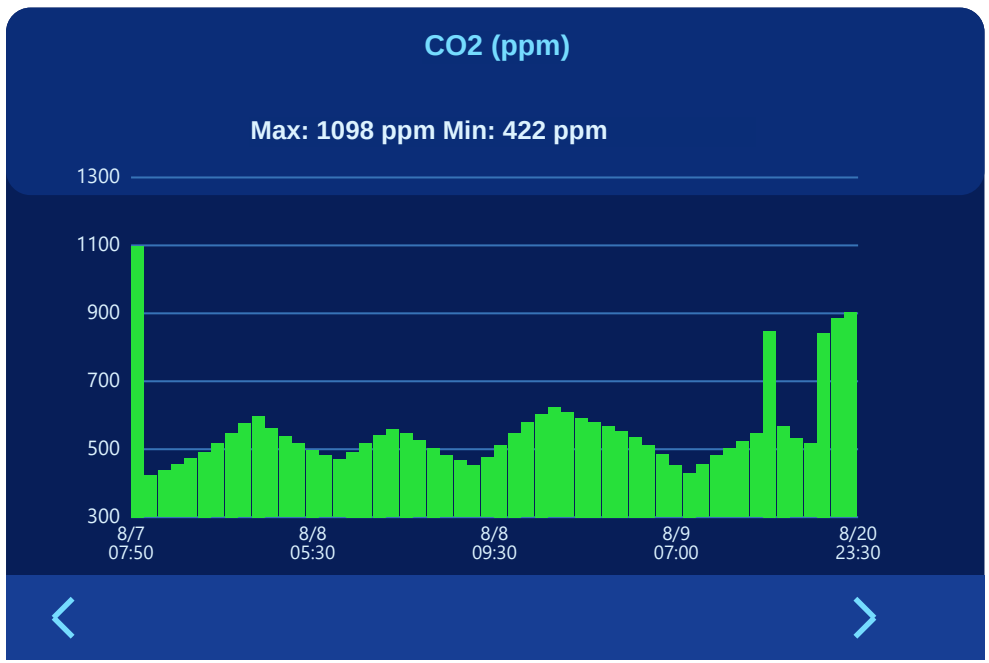
Choose a chart or the data table.

The history menu only shows the sensors available in this version.

1. Open Settings and tap History.
2. Choose the desired chart.
3. Use Data table for an overview of the stored readings.

Viewing charts

Route: Home screen > Settings > History > CO2 chart



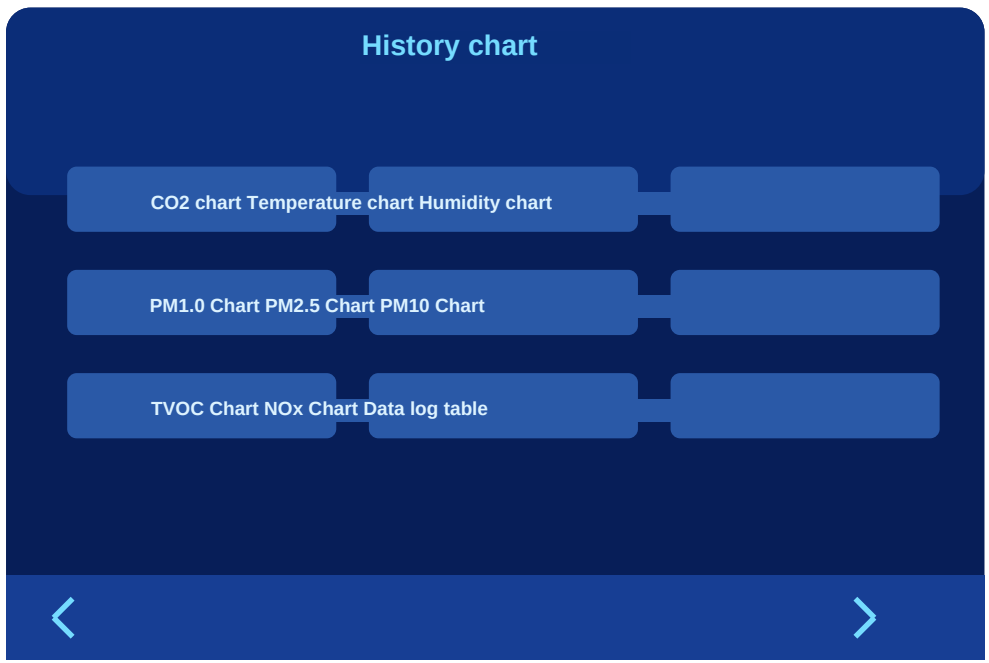
The CO2 chart shows the trend and the highest and lowest reading.

Above the chart are the highest and lowest values for the period shown.

1. Read the time on the horizontal axis and the reading on the vertical axis.
2. Use the arrows to browse through the available periods.
3. Tap the back arrow to choose a different chart.

Available history

Route: Home screen > Settings > History > choose sensor or Data table



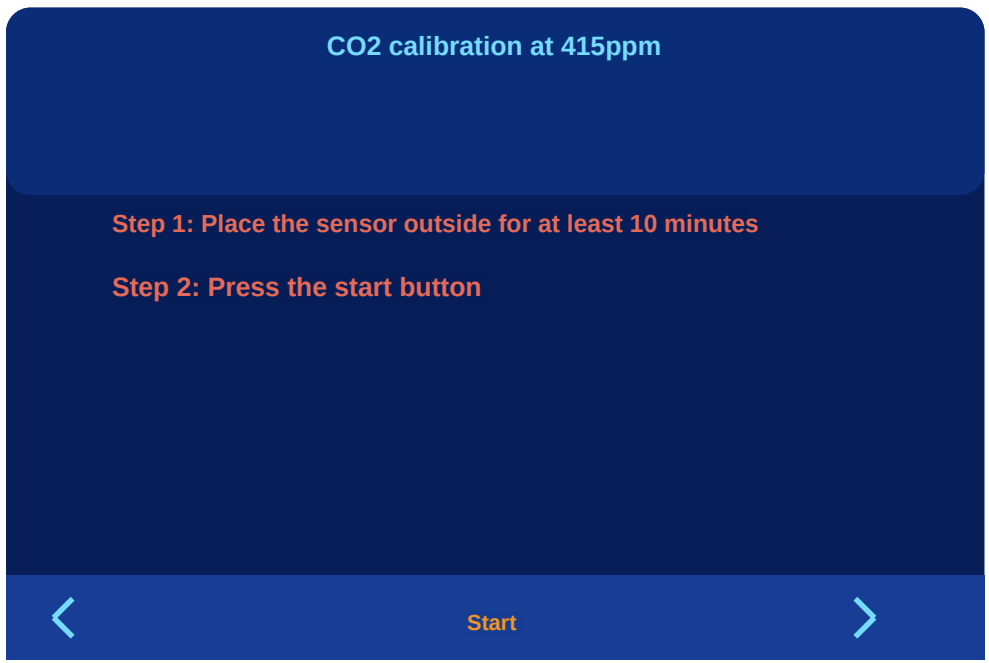
Charts for CO2, temperature, humidity, fine dust, TVOC and NOx.

In addition to charts, the history can be displayed as a data table.

1. Select the sensor you want to assess.
2. Compare the chart with the configured alarm limits.
3. Use the data table when exact values are needed.

CO2 calibration at 415 ppm

Route: Home screen > Settings > CO2 Calibration



Follow the steps on the screen before starting the calibration.

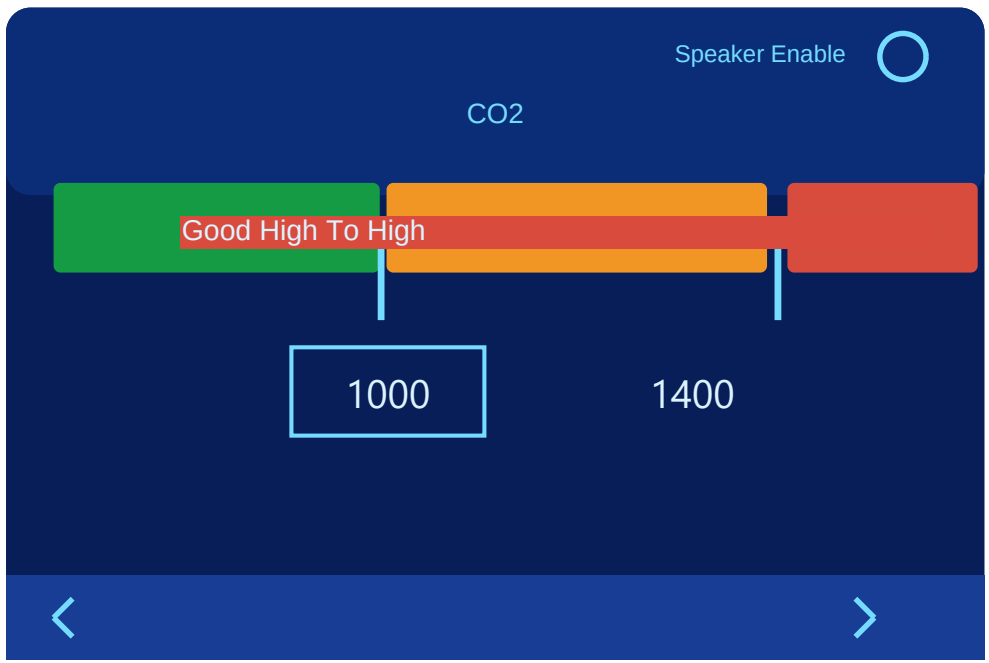
An incorrect calibration environment can affect the CO2 readings.

Only perform this calibration outdoors and when manual calibration is needed.

1. Place the sensor outside for at least ten minutes.
2. Then tap Start.
3. Leave the device undisturbed during the procedure.

Setting the CO2 alarm

Route: Home screen > Settings > page 2 > CO2



Use Speaker Enable to set the sound and use the thresholds to define the Good, High and To High zones.

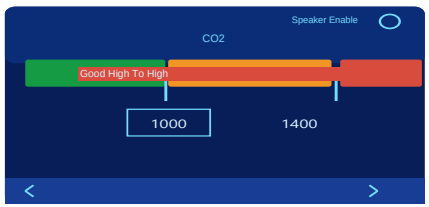
On this screen, use Speaker Enable to switch the sound on or off. The two values mark the transitions from Good to High and from High to To High.

1. Open Settings, use the arrow to go to page 2 and tap CO2.
2. Tap Speaker Enable to switch the sound alarm on or off.
3. Select a threshold; the chosen value is indicated with a frame.
4. Change the threshold on this alarm screen. The numbers shown are example values.

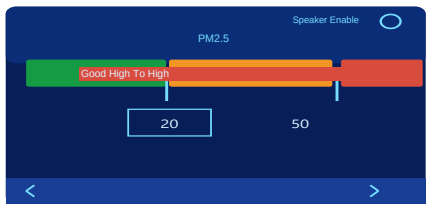
Setting the alarm per sensor

Route: Home screen > Settings > page 2 > choose the sensor

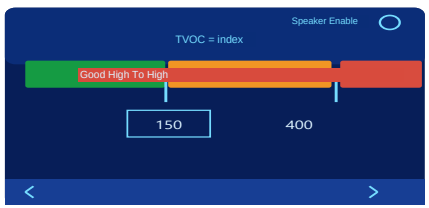
Each sensor alarm has its own screen



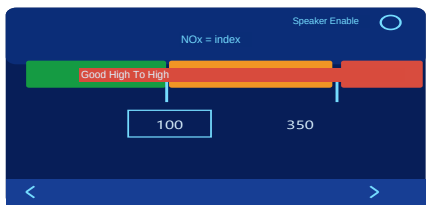
CO2



PM2.5



TVOC



NOx

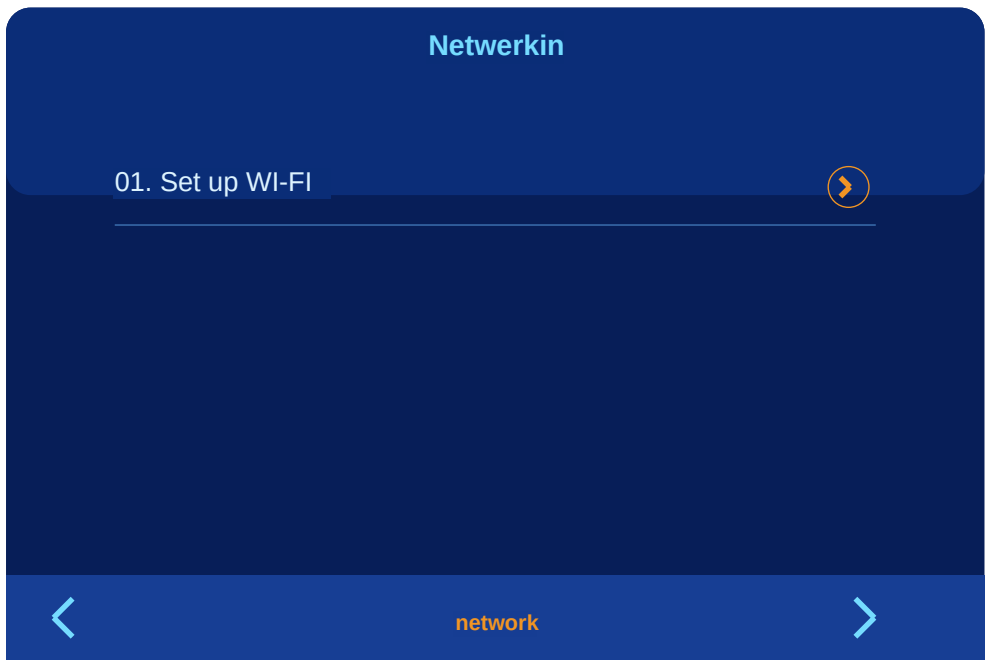
CO2, PM2.5, TVOC and NOx each have their own alarm screen.

The controls are the same for these four sensors: Speaker Enable, three colour zones and two thresholds. Which sensor alarm screens are available depends on the version.

1. Open Settings page 2 and tap CO2, PM2.5, TVOC or NOx.
2. Switch the sound on or off as needed with Speaker Enable.
3. Select the first or second threshold and adjust it.
4. Which sensor alarms are available depends on the version of your device.

Network settings

Route: Home screen > Settings > page 2 > Netwerkin > 01. Set up WI-FI



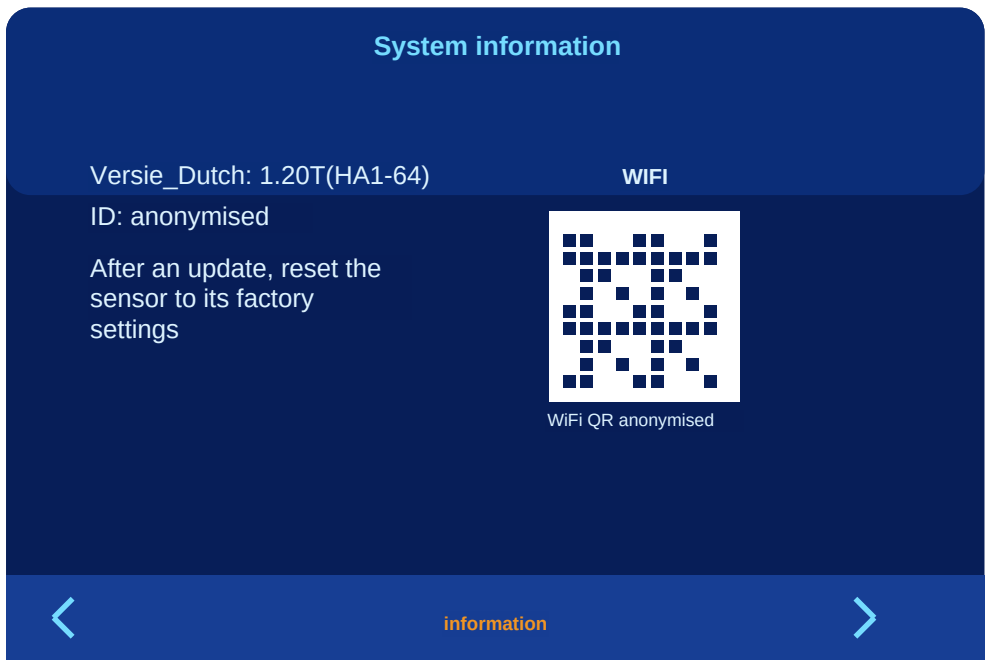
First, the intermediate screen Netwerkin appears, with the option 01. Set up WI-FI.

From this intermediate screen, open the wifi list to choose a network or reconnect.

1. Open Settings page 2 and tap Netwerkin.
2. Tap 01. Set up WI-FI.
3. Select the desired 2.4 GHz network.
4. Enter the password and confirm.

System information

Route: Home screen > Settings > page 2 > System information



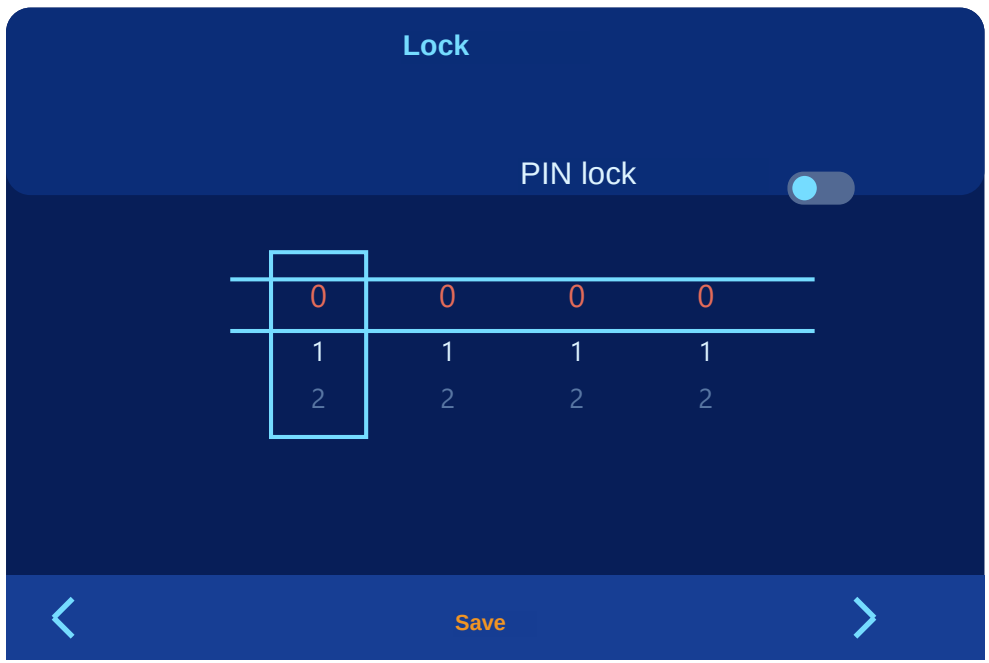
Version and device data are shown on one screen.

The screen shows the software version, the device ID and a wifi QR code. This information may be needed for support or after an update.

1. Open Settings page 2 and tap System information.
2. Note the software version and device ID when support asks for them.
3. Always use the software version and device ID shown on your own sensor.

PIN lock

Route: Home screen > Settings > page 2 > Lock



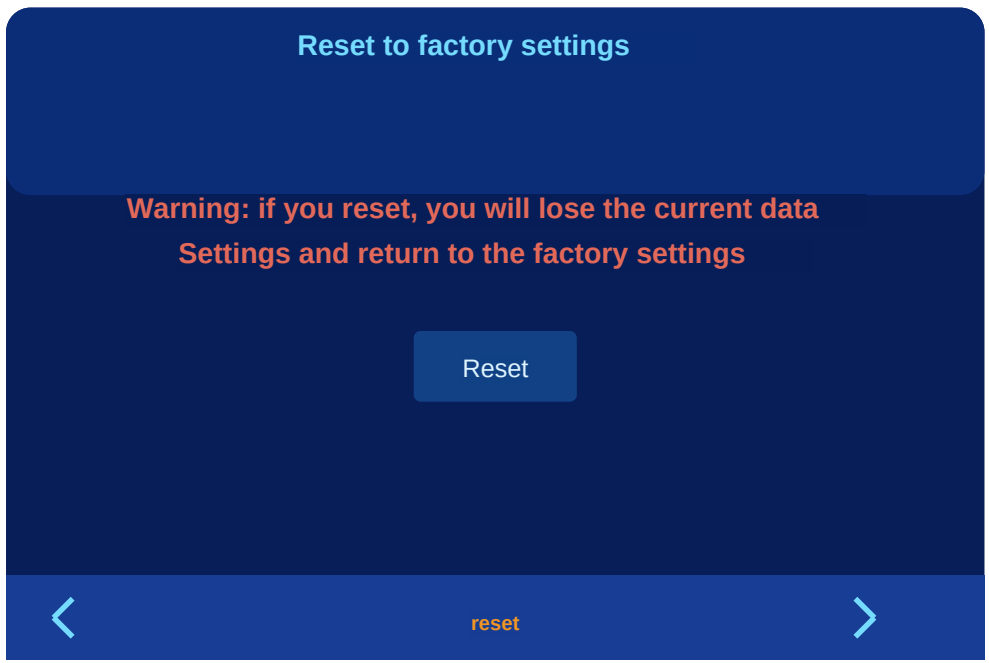
First choose a PIN code, save it, and then switch on PIN lock.

PIN lock protects the controls with a four-digit code. Once the chosen PIN has been saved and PIN lock is switched on, the code is active.

1. Open Settings page 2 and tap Lock to open PIN lock.
2. Select the desired four-digit PIN code.
3. Tap Save.
4. Switch on PIN lock. From that moment the PIN code is active.

Restoring factory settings

Route: Home screen > Settings > page 2 > Reset



Reset removes the current settings.

After a factory reset, network and user settings must be entered again.

The Reset to factory settings screen warns that saved settings will be lost and the factory settings will be restored.

1. Open Settings page 2 and tap Reset.
2. Read the warning on the screen.
3. Only confirm when all current settings may be cleared.

Support

Route: Home screen > Settings > AirCheq > Manuals & Support



Keep version and device data at hand when you request support.

Additional manuals and support are available via AirCheq.

1. Go to www.aircheq.eu/support.
2. State that it concerns an AirCheq CanAiry Plus.
3. If necessary, provide the software version and device ID.