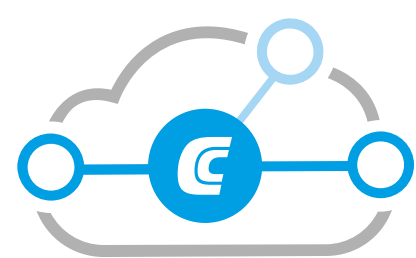


# sygonix®

© App Instruction Manual

## Sygonix Home Starter Kit

Item No. 1597114



**CONRAD** CONNECT

[www.conradconnect.de](http://www.conradconnect.de)



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# Conrad Connect

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Your product is compatible with the Conrad Connect IoT platform at [www.conradconnect.de](http://www.conradconnect.de). You can set up a personal account at the given URL.

## Symbols

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The following instructional symbols are used in this instruction manual.



This triangle indicates important instructions contained in these operating instructions that must be followed.



This symbol indicates that special advice and notes on operation are provided.



# Core functions

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## **Measuring and recording**

Sensors measure and record illuminance, noise, pressure, temperature and humidity.

## **Event minitoring**

Events are monitored and logged in the app.

## **Alert mode**

You are alerted of events important to you.

## **Night light mode**

Determine the behaviour of the gateway during the night.

## **Alarm clock**

The alarm mode acts as a regular alarm clock.

## **Scenes**

A scene is a set of procedures executed when the scene is triggered.

# App to device communication

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- In order to add a new device to the app, the mobile device that runs the app and the smart device must connect to your WLAN.
- Once a new device was added, you can control the smart device through the app via WLAN or mobile network.
- **Subnetting:** If you subnetted your WLAN network, then mobile device and smart device must be hosts on the same subnet.

## App – Installation

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Apps are available for Android and iOS mobile devices. Make sure your mobile device satisfies the minimum requirements as outlined on the app page before downloading.

1. Head to the respective app store and download the app named 'Sygonix Home' onto your mobile device.
2. Set up a user account as outlined under [App – User account](#).

## App – Deinstallation

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If you de-install the app from your mobile device, the settings are not lost and become available again as soon as you re-install the app and login with the same account details. Settings are stored under your 'Sygonix' account in the cloud. Refer to [App – User account](#).

## App – Multiple mobile devices

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You can install the app on multiple mobile devices and login with the same account details to control the same set of smart devices from different mobile devices.

# App – User account

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A 'Sygonix' account is required for you to operate the smart device.




Your smart device cannot be linked to two accounts at the same time.


Adding the smart device to a second account will remove it from the first account.

Reset the smart device before linking to another account.

## Setting up a new account

1. Open the app.
2. Press  **Sign Up**.
3. Enter user name and password, then confirm with **Sign Up**.
4. A new account will be set up for you.  
Wait until you receive the confirmation for successful setup.


## Logging in

1. Open the app.
2. Press  **Login**.
  - If you have logged in before, the username and password should appear in the corresponding fields.
  - Tick **☐ Login automatically** if you wish the app to log you in when you start the app.
3. Confirm with **Login**.



4. If you login successfully, the landing page with the device list will appear.
  - If no smart devices have yet been set up, the device list is blank.

## **Account settings**

On the landing page press  to open the account settings.

Account settings allow you to:

- Add a profile picture
- Change the account name
- Change the account password
- Log out of your account

After logging out of your current account you can log in with a different one.

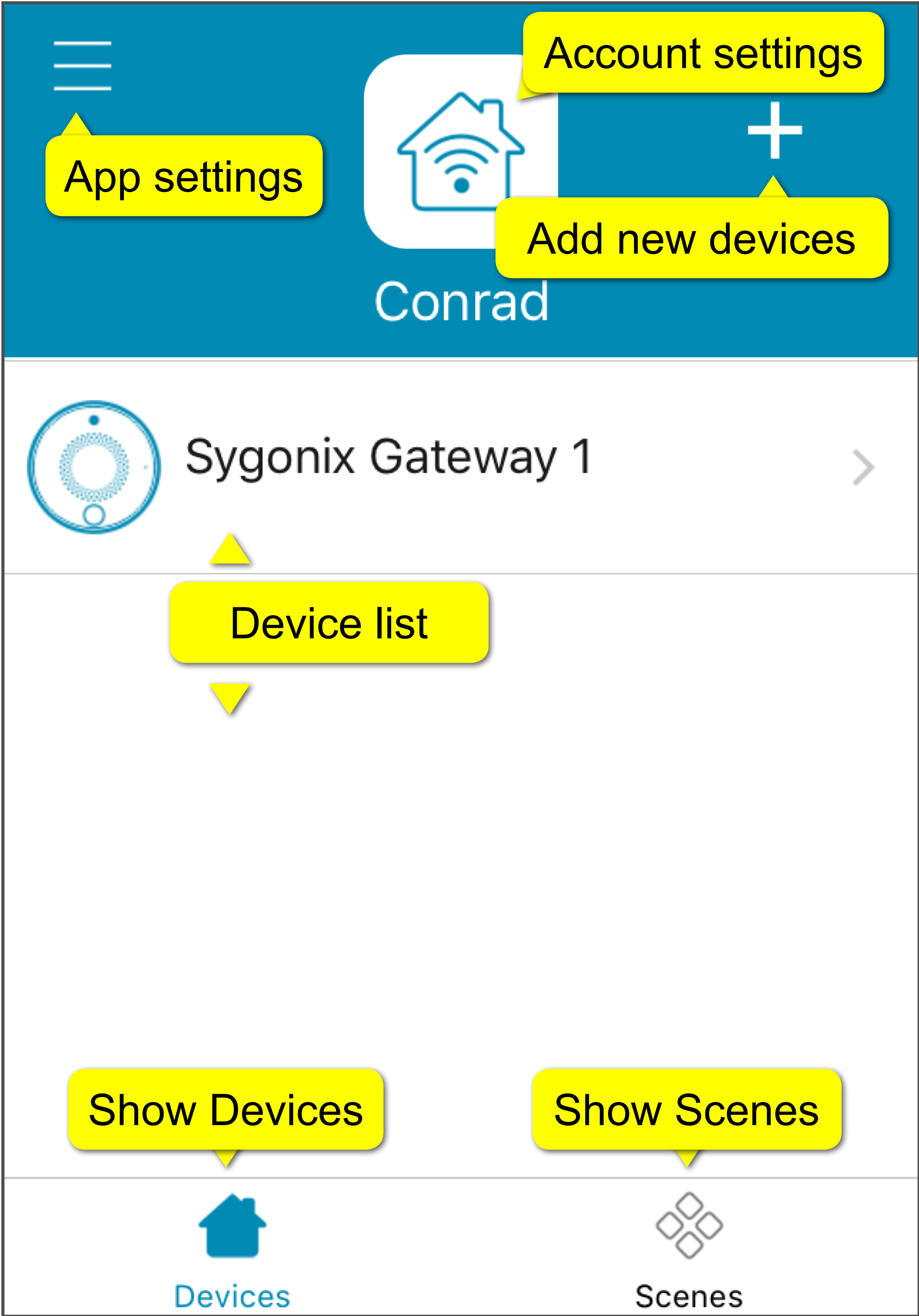
## **Integrating with Conrad Connect**

Note that your 'Sygonix' account is independent of Conrad Connect.

If you wish to integrate your smart device with Conrad Connect you require a separate Conrad Connect account.

Refer to [www.conradconnect.de](http://www.conradconnect.de)

# App – Landing page



# App – Settings

---

Press  to open app settings:

|          |  |
|----------|--|
| Language | Select app language  |
| Price    | Select currency<br>Set the charge for one kWh  |
| Manual   | Download operating instructions  |
| About    | See app version and available app updates.<br>Links to <a href="http://www.conrad.com">www.conrad.com</a> and <a href="http://www.conradconnect.de">www.conradconnect.de</a> |

# App – Updates

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App software updates are managed as other apps through the corresponding app store.

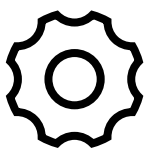
# Smart devices – Firmware update

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The firmware of your smart device is updated via the app. Available firmware updates are indicated in the device settings.



For all firmware updates the smart device and the mobile device that runs the app must be connected to the same WLAN network during the update.




1. Make sure that mobile device and smart device are connected to the same WLAN network.
2. Select the device you want to update from the device list.
3. Touch  to open the device settings.
4. Under **Firmware Version** touch **Upgrade**.
5. The firmware of the smart device will be updated.
6. When the update is complete, **Current** will be shown.

# Gateway – Add

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During set-up make sure to keep the mobile device running the app and the smart device within receiving distance of the wireless access point.


1. Connect your mobile device running the app to your WLAN network.
2. Open the app and navigate to the landing page.
3. Touch  if it is not already selected.
4. Touch . 
5. Select the gateway.
6. Follow the on-screen instructions in the app.
7. When you see the confirmation notification, the gateway appears in the device list.
8. Add more gateways or exit.



It is strongly recommended that you set up your router or access point (AP) to use WPA2-Personal with PSK encryption for authentication.




# Gateway – Gateway page





Back to home


Sygonix Gateway 1



Gateway settings








Alert Mode> Night Light Mode> Alarm Mode>


Modes



2lux

Light Sensor


>



Sensor list

Noise Sensor


>



1007.7 mbar


Pressure Sensor

>



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>

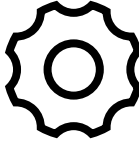


Add New Sensor

Add a new sensor

# Gateway – Settings

---

- 1. Select a gateway from the device list on the landing page.
- 2. Press  to open the gateway settings.
- 3. Adjust settings:

|                           |   |
|---------------------------|---|
| Name                      | Give your gateway a name.   |
| Firmware version          | Indicates the firmware version of the gateway.<br>Update firmware if updates are available.                                   |
| About                     | MAC address and serial number of gateway  |
| Volume                    | Adjust speaker volume of gateway.   |
| Reset To Factory Settings | Resets the gateway to its factory default settings.<br>Refer to section <a href="#">Gateway – Reset</a> for more information. |

# Gateway – Speaker volume

---

The gateway speaker volume is adjustable to your needs. Open the gateway settings ([Gateway – Settings](#)) and adjust the volume to your desired level.

# Gateway – Indicator light

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## Indications

Observe the indicator lights during set up and use of your smart device.

| Indication                                | Status/Action                            |
|---|--|
| Fast blue flashing<br>(4 times per sec)   | Ready to connect to network              |
| Stays blue for 5s then off                | Gateway successfully connected to router |
| Slow blue flashing<br>(2 times per sec)   | Connecting to network                    |
| Blue flashing<br>(4s on / 0.25 off)       | No Internet connection                   |
| Quick green flashing<br>(4 times per sec) | Ready for sensor pairing                 |
| Stays green for 5s then off               | New sensor successfully paired           |
| According to app settings                 | A sensor is triggered                    |

## Manual control

The gateway indicator light can be turned on and off manually. Configure the manual control as follows:

1. Go to the app landing page.
  2. Touch  if it is not already selected.
  3. Select the gateway from the device list.
  4. Touch **Night Light Mode**.
  5. Under the **Light section**, set color and brightness of the gateway indicator light.
  6. Touch **Save**.
  7. Touch  to manually turn the indicator light on () and off ().
- Note that the colour you set here is also adopted by the Night Light mode. See chapter [Function – Night light mode](#).

## Automated control

Various functions work in conjunction with the gateway indicator light. Automated indicator light controls are mentioned throughout the manual.

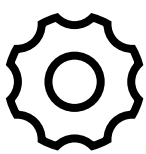
# Gateway – Reset

---



**Attention!** Resetting removes all configuration data in the gateway and any linked external sensors.

## Option 1

1. Select the gateway from the device list.
2. Touch .
3. Touch **Reset To Factory Settings** .
4. Confirm the prompt to reset.
5. The device is reset and removed from the device list.

## Option 2

1. Navigate to the landing page.
2. **Android:** Hold down the gateway in the device list.  
**iOS:** Slide the gateway to the left in the device list.
3. Select **Delete**.
4. Confirm the prompt to reset.
5. The device is reset and removed from the device list.





# Sensors – Sensor types

---

The gateway itself features the following built-in sensors:

- Light sensor
- Noise sensor
- Pressure sensor




Other sensors are external sensors, which can be added and removed again if required.

The gateway sensors cannot be removed.

## Sensors – Add sensor

---

Only sensors compatible with the Sygonix Home Starter Kit can be added.

1. Turn the external sensor on. 
2. Select the gateway from the device list to which you want to add the sensor.
3. Touch **+Add New Sensor**. 
4. Select the the sensor you want to add.
5. Follow the on-screen instructions.
  - Start and end of the procedure are confirmed by signal sounds.
  - If you attempt to add a sensor a second time, the instructions window does not close. Touch **Cancel** to close, then **<** to reach the landing page. 
6. Wait for the confirmation window, then touch **OK**.

7. You will be asked to name the sensor. Enter a name and confirm.
  - If a sensor device comprises more than one sensor, you will be asked to name each sensor.
8. Touch < to return to the landing page.
9. The sensor is added to the sensor list.
  - A device may be a multiple-in-one sensor. For such cases, multiple sensors are added to the sensor device list.
  - By default, newly added sensors are disabled. Go to chapter [Sensors – Enable/disable sensor](#) to learn how to enable/disable and configure a sensor.

## Rename a sensor

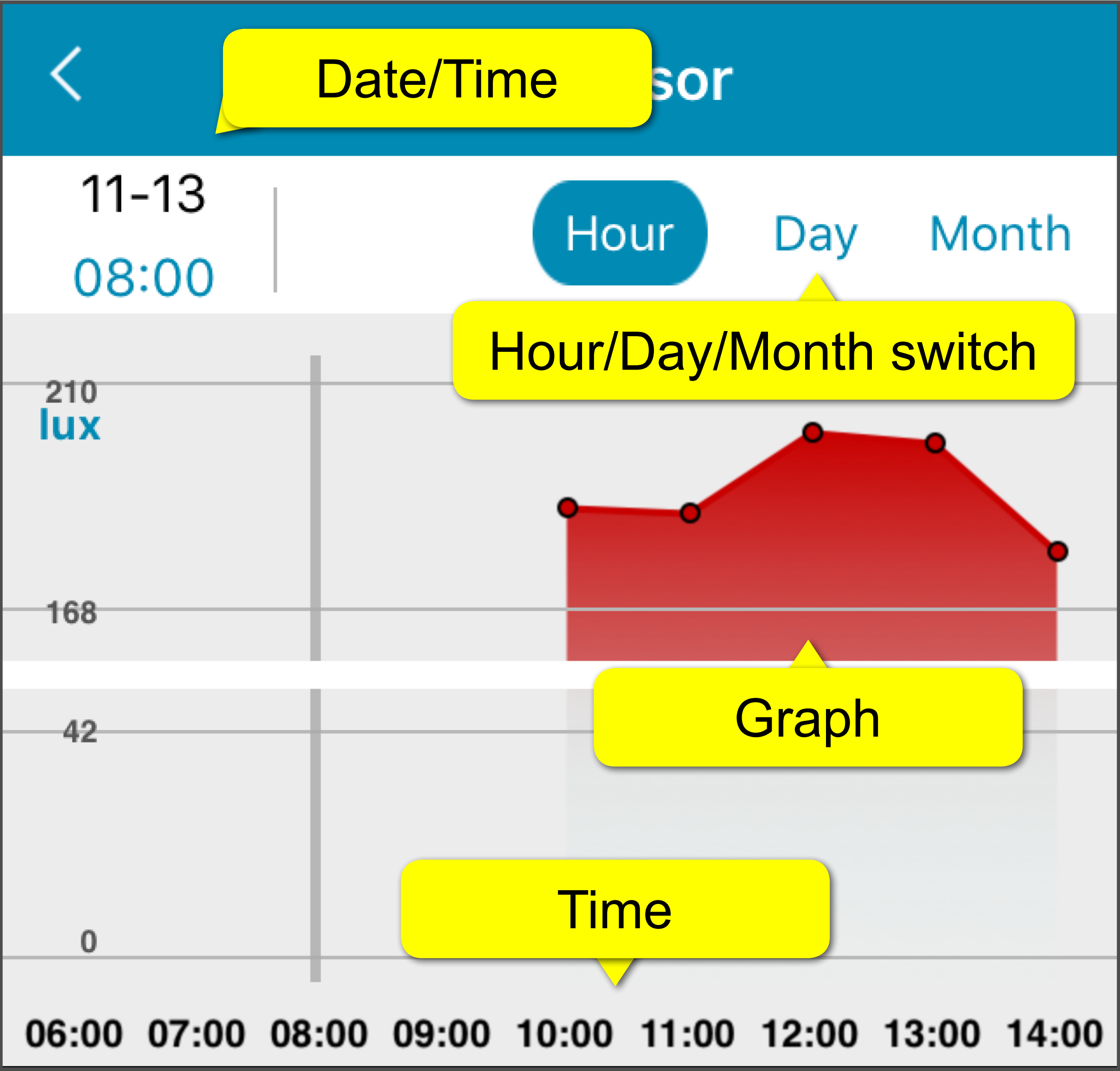
1. In the sensor device list, swipe the newly added sensor left, then touch **Edit**.
2. Enter a new name for the sensor and confirm the dialog.

# Sensors – Sensor page

On the gateway page, touch a sensor to view sensor details.

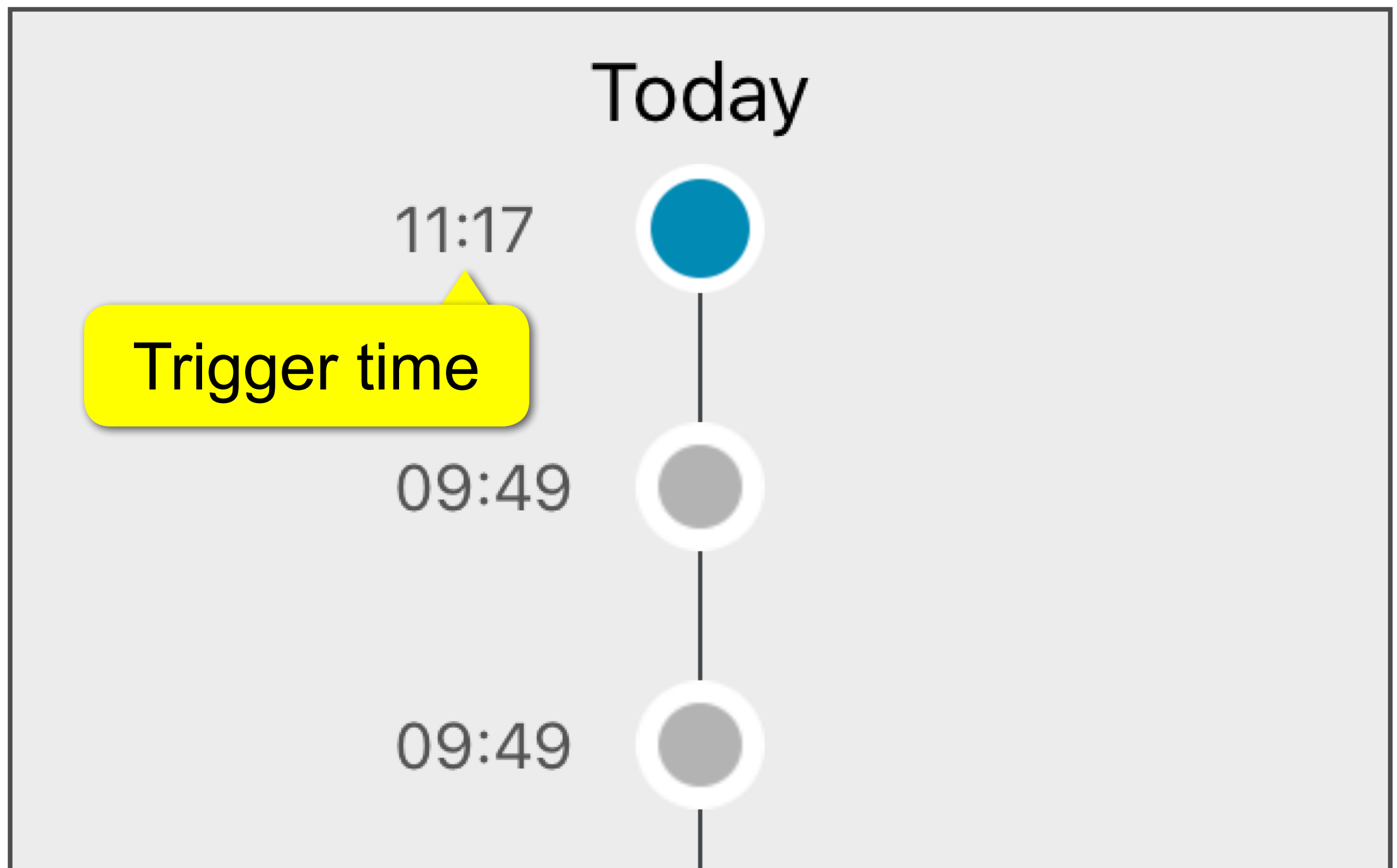
## Measuring

For sensors that measure and record, you can view the statistics.



## Logging


For sensors that log trigger date and time, you can view the trigger history.



## Sensors – Delete sensor

---


Note that internal sensors (sensors built into the gateway) cannot be removed.

1. Go to the app landing page.
2. Touch  if it is not already selected.
3. Select the gateway from the device list.
4. Swipe the sensor you want to remove left.
5. Touch **Delete** to remove the sensor and all its settings.

# Sensors – Configure sensor

---

Note that sensors that do not allow for parameter adjustment are not listed in the sensor configuration panel.

- 1. Go to the app landing page.
- 2. Touch  if it is not already selected.
- 3. Select the gateway from the device list.
- 4. Touch **Alert Mode**.
- 5. Select a sensor and edit its configurations:


|               |   |
|---------------|---|
| Enable Sensor | Disable and enable the sensor   |
| Ring tone     | Select the sound to be played when the sensor is triggered.<br>Select 'No ring' for no sound.   |
| Light         | If you want the see a notification light on the gateway when the sensor is triggered enable <b>Light</b> , else disable it.<br>Set the colour and brightness of the notification light. |

- 6. Touch **Save** to save the configurations.
- 7. Touch **Save** again to save the configurations under the Alert mode.





# Sensors – Enable/disable sensor

---

1. Go to the app landing page.
2. Touch  if it is not already selected.
3. Select the gateway from the device list.
4. Touch **Alert Mode**.
5. Touch the sensor you want to enable or disable.
6. Activate **Enable Sensor** to enable, or deactivate to disable the sensor.
7. Touch **Save**.
8. Disable or enable other sensors.
9. Touch **Save** again to save the configurations under the Alert mode.


# Function – Alerts

## Status

|   |                     |
|---|---------------------|
|                              | All alerts enabled  |
|                              | All alerts disabled |
| You can in any situation overwrite alerts manually by enabling or disabling them, irrespective of a schedule. |                     |




## Control alerts by schedule



1. Go to the app landing page.
2. Touch  if it is not already selected.
3. Select the gateway from the device list.
4. Touch **Alert Mode**.
5. Under **Alert Mode Enabled by timer** determine start and end times and repeat pattern during which alerts are enabled. See diagram at the beginning of this section.

6. Touch **Save**.
7. Touch **Save** once more. Saving immediately enables or disables alerts, depending on your schedule. Listen for the signal sound.
  - To disable the schedule function, deselect all weekdays from the repeat pattern.
  - If you manually disable alerts during scheduled times, the schedule temporarily will be disabled.

## Control alerts manually

1. Go to the app landing page.
2. Touch  if it is not already selected.
3. Select the gateway from the device list.
4. Touch  or  to enable/disable all alerts, including alerts set for external sensors.
  - Note that for some sensors (e.g. door bell), depending on their core function, the gateway still handles alerts even if alerts are disabled.

## Confirm alerts on gateway

Once a sensor is triggered the gateway notifies you with colour, sound or both.

Touch the button on the gateway to confirm and stop alerts. Also see chapter [Function – Scenes](#).

Take note of the following:

- Alerts must be confirmed/stopped manually.
- Alerts of the last triggered sensor overwrite previous alerts.

# Function – Night light mode

---

Night light mode works in conjunction with the manual control of the gateway indicator light. See chapter [Gateway – Indicator light](#).

## Option 1 – Without motion sensor



When night falls, the gateway indicator light comes on, and goes off again when daylight is measured.

## Option 2 – With motion sensor




Option 2 works the same as Option 1 but is additionally controlled through motion sensing and a timer as follows:

- If movement is detected during the night, the gateway indicator light goes on and off again after expiry of a pre-set timer.

- If motion is detected before the timer expires the timer is reset and restarted.

### Configure Night light mode

1. Go to the app landing page.
2. Touch  if it is not already selected.
3. Select the gateway from the device list.
4. Touch **Night Light Mode**.
5. Configure the Night Light mode:

|                                |   |
|--------------------------------|---|
| Color                          | Set a desired colour for the gateway indicator light.   |
| Brightness                     | Set the indicator light brightness.   |
| Gateway light turns on in dark | Enable/Disable the Night Light mode.  |
| Choose motion sensor           | Select at least one motion sensor if you want the Night Light mode to be controlled through motion sensing. |
| Deferred timing                | Set a timer.  |





# Function – Alarm clock

---

## Add alarm


The alarm clock (Alarm Mode) has the function of a regular alarm clock and is configured as follows:

- 1. Go to the app landing page.
- 2. Touch  if it is not already selected.
- 3. Select the gateway from the device list.
- 4. Touch **Alarm Mode**.
- 5. Touch **+**.
- 6. Configure the alarm: 

|                |   |
|----------------|---|
| Time           | Set an alarm time.  |
| Repeat         | Set the repeat pattern.   |
| Alarming Sound | Select a ring tone.   |
| Timer          | Set the alarm duration.   |
| Light          | When <b>Light</b> is activated, the gateway indicator light will flash when the alarm is triggered. |
| Color          | Set a gateway indicator light color.  |
| Brightness     | Set the gateway indicator light color brightness.   |

7. Touch **Save**.
8. Under **Alarm Mode**, activate/deactivate the alarm.


## Delete alarm

1. Go to the app landing page.
2. Touch  if it is not already selected.
3. Select the gateway from the device list.
4. Touch **Alarm Mode**.
5. There are two ways to delete an alarm:
  - Swipe left the alarm you want to delete, then touch **Delete**.
  - Touch the alarm to open the editing panel. Scroll to the bottom and touch **Delete**.




# Function – Scenes

---

A scene is a collection of procedures to be executed when triggered. Open scenes as follows:

- 1. Go to the app landing page.
- 2. Touch .


## Default scenes

|   | Configurable | Function                                  |
|---|--------------|---|
|  | Yes          | Enable all actions when you leave home.   |
|  | Yes          | Disable all actions when you return home. |
| <b>SOS</b>  | No           | Trigger the emergency sirene.             |
|  | No           | Confirm current alert.                    |

You cannot delete default scenes.

## User-defined scenes

- 1. Touch **+**.
- 2. Under the **Add New Scene** panel, touch the scene and give the scene a name.
- 3. Touch **+** next to **Actions of scene**.
- 4. Under the **Add New Task** panel, select a device. The available actions of the selected device are listed. Select an action and touch **Save**.

5. Touch . Set a timer that triggers the scene and its linked actions after expiry.
6. Touch **Save** to save the scene.

## Execute a scene

In the **Scenes** panel, touch the scene you want to execute.

## Edit a scene

1. In the **Scenes** panel, hold down the scene you want to edit.
2. Select **Edit** from the pop-up menu.
3. Edit the scene.
4. Touch **Save** to save the edits.

## Delete a user-defined scene

1. In the **Scenes** panel, hold down the scene you want to delete.
2. Select **Delete** from the pop-up menu.
3. Confirm the alert to delete the scene.

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