


User Guide

essentim sensor cloud

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1. Notes

	This symbol indicates important information.
XXXXX	General function names are written with bold, orange capital letters. Example: PROFILE

Legal notice

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Warranty and liability

The device complies with the basic safety and health requirements of the relevant EU regulations and has been tested for proper functioning at the factory. When claiming warranty, the device number must be indicated (see product label on the device). Failure to comply with the manufacturer's specifications or legal requirements or unauthorized modifications to the equipment or unauthorized replacement of individual parts or accessories may significantly impair the electrical safety of this product and void the warranty. Any liability, property damage or personal injury resulting from the device being used contrary to the instructions in this manual is excluded. We reserve the right to make technical design and execution changes at any time without prior notice as a result of continuous further development and product improvement. No liability is accepted for damage resulting from improper use. Warranty claims are then also void. Liability for any damage to property or personal injury that occurs is then transferred to the operator.

2. Setup

The setup of the gateway to receive the data via the essentim sensor cloud is done by essentim GmbH in cooperation with the prevailing IT guidelines and requirements.

2.1 System requirement

The only system requirement is a computer or tablet with a browser and Internet access.

2.2 General safety instructions

Please have a look at the User Manuals of the essentim devices.



3. Start essentim sensor cloud

essentim GmbH creates a company subscription (= area) for you. Furthermore essentim creates an owner (= admin account) of this company subscription.

3.1 Login

The owner of the company subscription can log in to www.essentim.cloud using the one-time password assigned by essentim. The owner will then be prompted to enter a new password.

3.1.1 Subscription

Each user gets a personal subscription. The owner can invite users to the company subscription. For the procedure, see 3.3.1.

3.2 Profile

Under the **PROFILE** tab you can find your specified user data (name, first name, email address).

In addition, you can log out of the account with the **LOGOUT** button.

3.3 Users

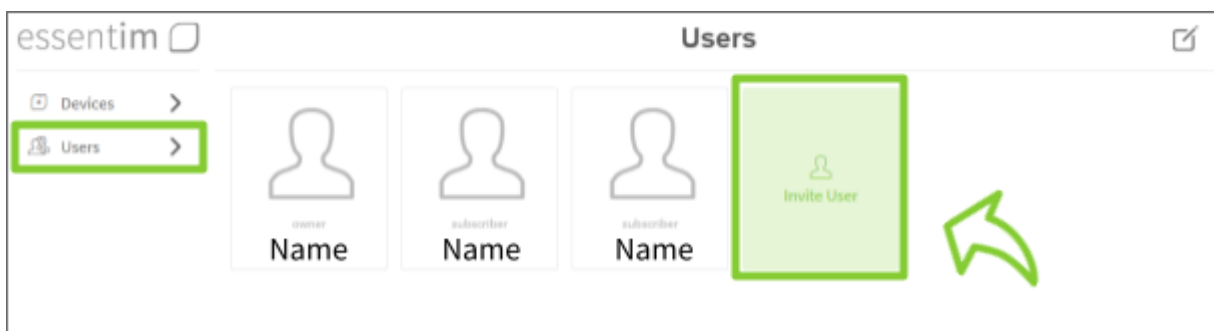
The **USERS** tab lists the users of the subscription and their status:

- Owner: Admin Account, authorized to invite additional users
- Subscriber: User, no authorization for user invitation

3.3.1 Invite user

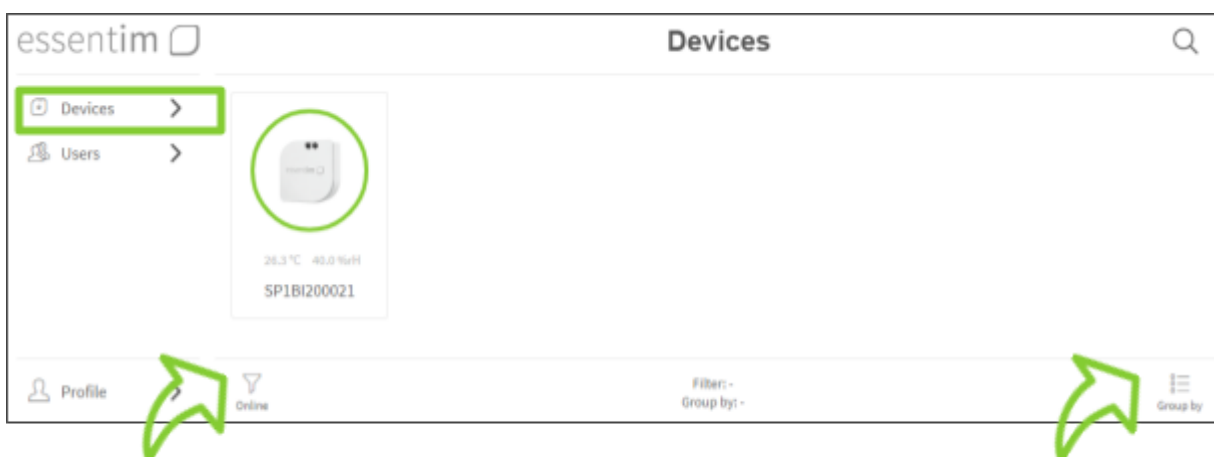
To invite a new user to the subscription proceed as follows:

- A. New user navigates to <https://essentim.cloud/login> > **LOGIN** > **SIGN UP NOW**
- B. Enter email address and click on **SEND VERIFICATION CODE**
- C. Enter received code in **VERIFICATION CODE** and click on **VERIFY CODE**
- D. Create new password
- E. Enter user data and click **CREATE**
- F. Click **CONTINUE** and a personal subscription will be created
- G. The admin account can now invite the new user to the company subscription: under **USERS** > **INVITE USER** > enter the email address of the new user and click on **INVITE**



3.4 Device Dashboard

The device dashboard serves as an overview of the installed essentim sensors. The sensors appear as individual tiles:



You can set an individual display:

- Button: **ONLINE**
Only online devices are displayed

- Button: **GROUP BY**
The grouping allows an overview of "Online", "Offline" and "Unregistered" devices

4. Devices

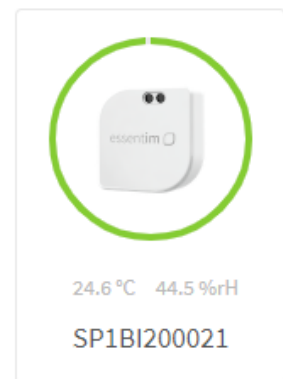
Please follow the instructions for correct device installation from the respective operating manuals of the essentim devices.

4.1 Sensor Registration

As soon as you switch on an essentim sensor via a "button press" (sensor flashes green) and it is within range of the gateway, a new sensor tile will appear on the device dashboard.

4.2 Sensor Tile

A sensor tile shows the installed device as a small picture, the corresponding serial number, the parameters temperature and humidity and the battery level of the sensor.

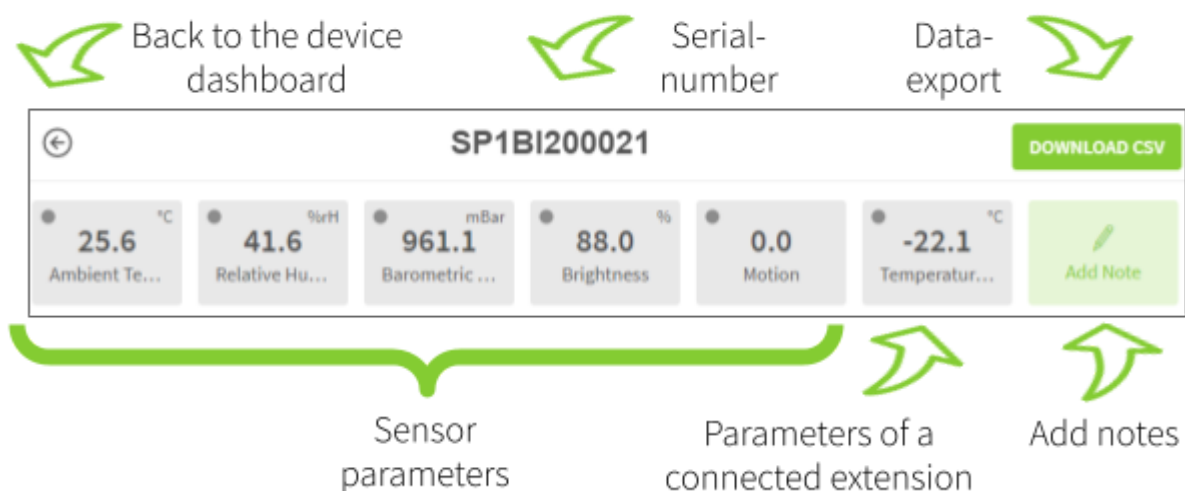


5. Functions

Various functions listed below:

5.1 Sensor Dashboard

To view the sensor dashboard and the sensor's readings, click on a sensor tile and the sensor's dashboard will appear:

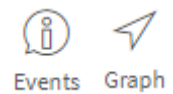


Other buttons on the sensor dashboard:

- **ADD NOTE** see 5.2.2
- **DOWNLOAD CSV** see 5.3

In the bottom bar:

- **EVENTS** see 5.2.7
- **GRAPH** see 5.2.8

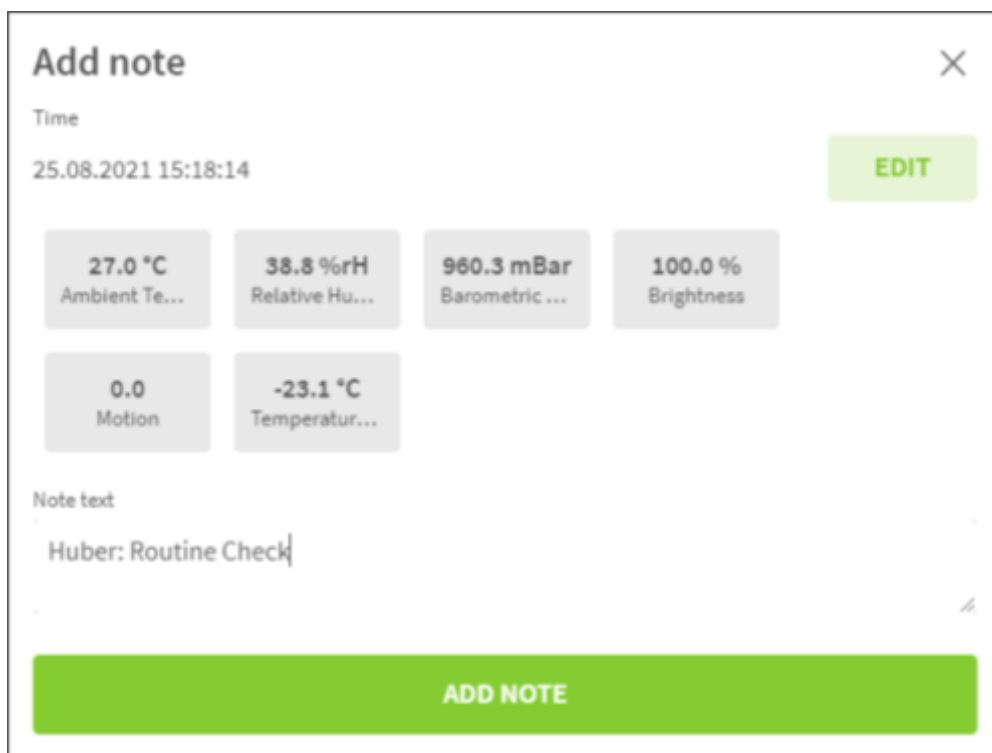


5.1.1 Add Note

To add notes simply click on **ADD NOTE** and the current note with date, time and prevailing parameter values will open. Enter your individual note under **NOTE TEXT**. Confirm your note with the **ADD NOTE** button.



To ensure a clear traceability, add your name to your note!



5.1.2 Parameter Graph

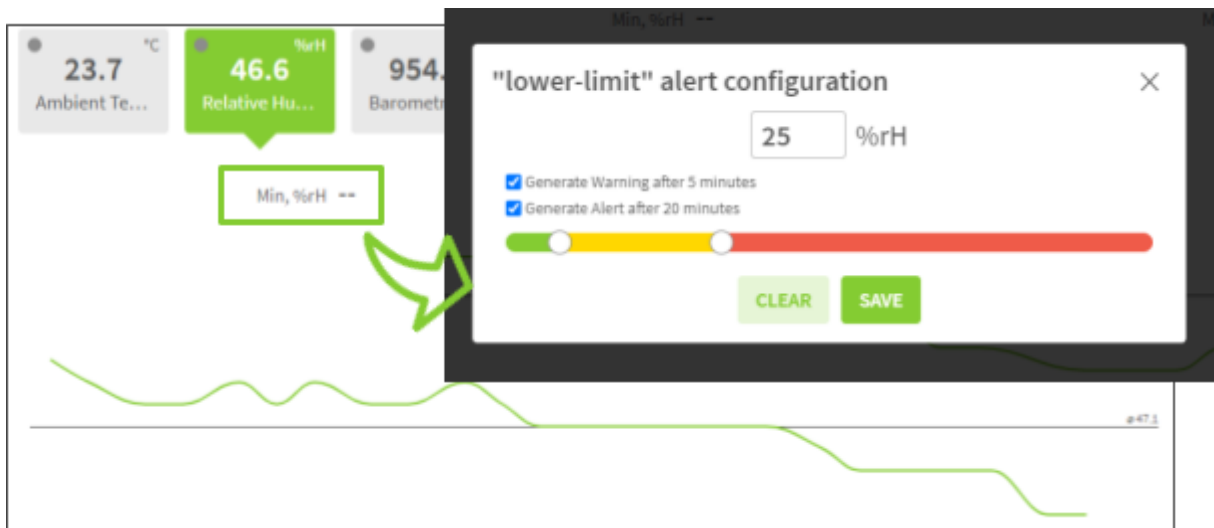
Clicking on a parameter value immediately opens a graph of this parameter - the tile turns from gray to green. The graph shows the last 5 minutes of the measured parameter and updates every 6 seconds.

In this display you can individually set limits for alarms and warnings for this parameter. The procedure for setting limit values is described in the next section.

5.1.3 Alarm Value Setting

You can set limits for each parameter individually. Proceed as follows:

- A. Click on the desired parameter so that the parameter graph opens.
- B. Click **MIN, xx --** for the "lower-limit" or **MAX, xx --** for the "upper-limit"
- C. Enter the upper and / or lower limit values
- D. Select from the options:
 - o Warning
 - o Alarm
- E. With the time bar you can individually define the time period from when a warning or alarm should be set
- F. Click **SAVE** to save the settings or **CLEAR** to not set any limits



If a limit value has been exceeded, the status of a sensor changes to alarm status:



Display sensor status

- A. Red ring = Alarm status
- B. Yellow ring = warning status

- C. Green ring = everything OK
- D. Number top right = number of status messages

The status changes automatically as soon as the value falls below the limit value again. In the sensor dashboard, the red dot indicates the respective parameter that has exceeded a limit value.

5.1.4 Events



By clicking the **EVENTS** button, all events that have occurred are displayed: warnings, alarms, info and notes. These are listed chronologically.

Event Icons:



Alarm



Warning



Info

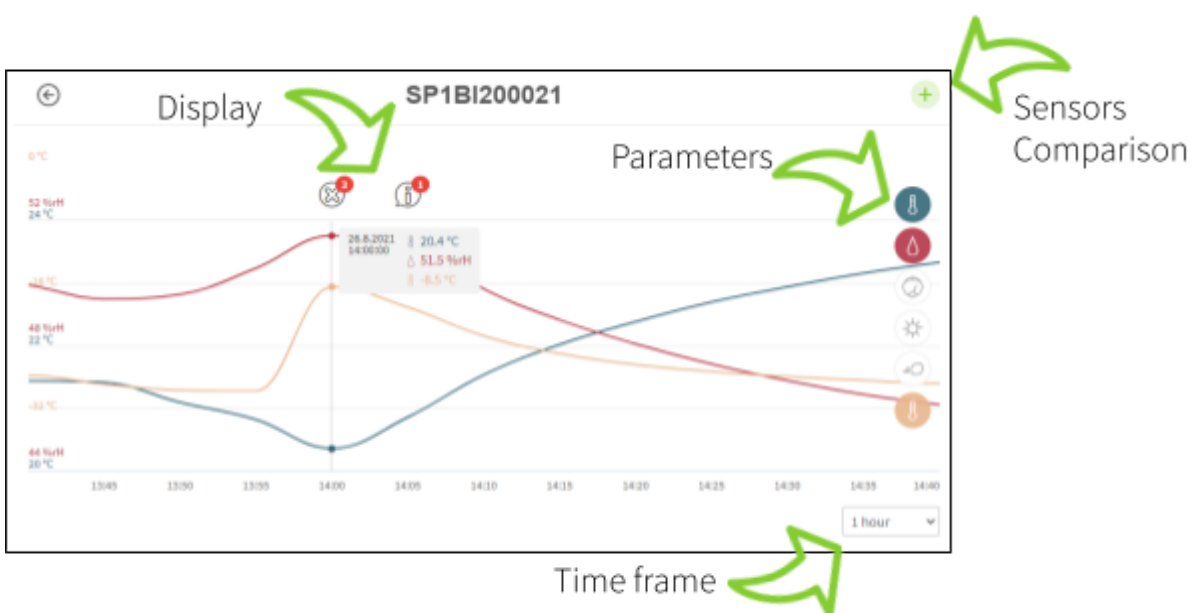


Notes

5.1.5 Graph



By clicking the **GRAPH** button, the parameter values are displayed in a graph. You can determine individually which parameters and over which period of time you want to analyze the measured values.



Parameters

The displayed parameters change from gray outlines to a colored icon when selected:



Time Frame

You can visualize the graph in different time windows. Choose between 10 minutes, 1 hour, 1 day or 1 week.

Display

You can scroll the displayed graphs to the left and right over time.

To view the measured values at a specific time within the graph, position the mouse at the desired location and a window with measured data, date and time will open.

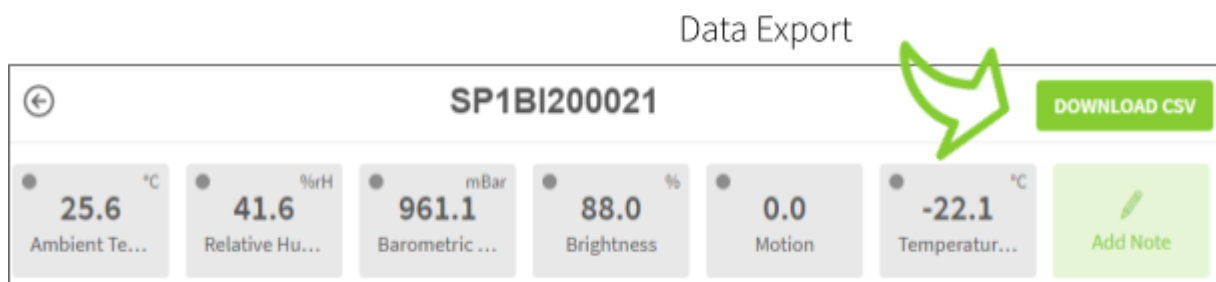
Events are also displayed within the graphs.

Sensoren Comparison

Click on the '+' symbol in the upper right corner and add another sensor to the graph view to visualize a direct comparison of parameters of different sensors.

5.2 Export

To export the measurement data of a sensor click **DOWNLOAD CSV** and an automatic download of the data takes place.



6. Maintenance

Software updates are announced by essentim and executed automatically via the essentim sensor cloud connection. Software updates, support and response times can be found in the SLA.

Defect

In case of a defect, please contact essentim GmbH.

support@essentim.com

www.essentim.com

Changelog

12.01.2021	Erstellung der Bedienungsanleitung
01.09.2021	Anpassung Wording "essentim sensor cloud"
13.04.2022	Adressanpassung
14.04.2022	Übersetzung ins Englische

