

# Thies Cumulus APP

## FAQ / Frequently Asked Questions

9.1780.00.000



**Station  
Overview**

**Station  
Administration**

**Instantaneous  
Values**

**Archive Values**



Dok. No. 021867/08/21

THE WORLD OF WEATHER DATA

# Start screen after successful login: Station overview of the Public Group

All buttons of the APP and FAQ are stored as links.



Current Group:  
Public

13/1

Numbers of data loggers in this group / number of data loggers of which I am the owner (own stations).

Via the buttons, like in the app, you can access further functions and explanations.

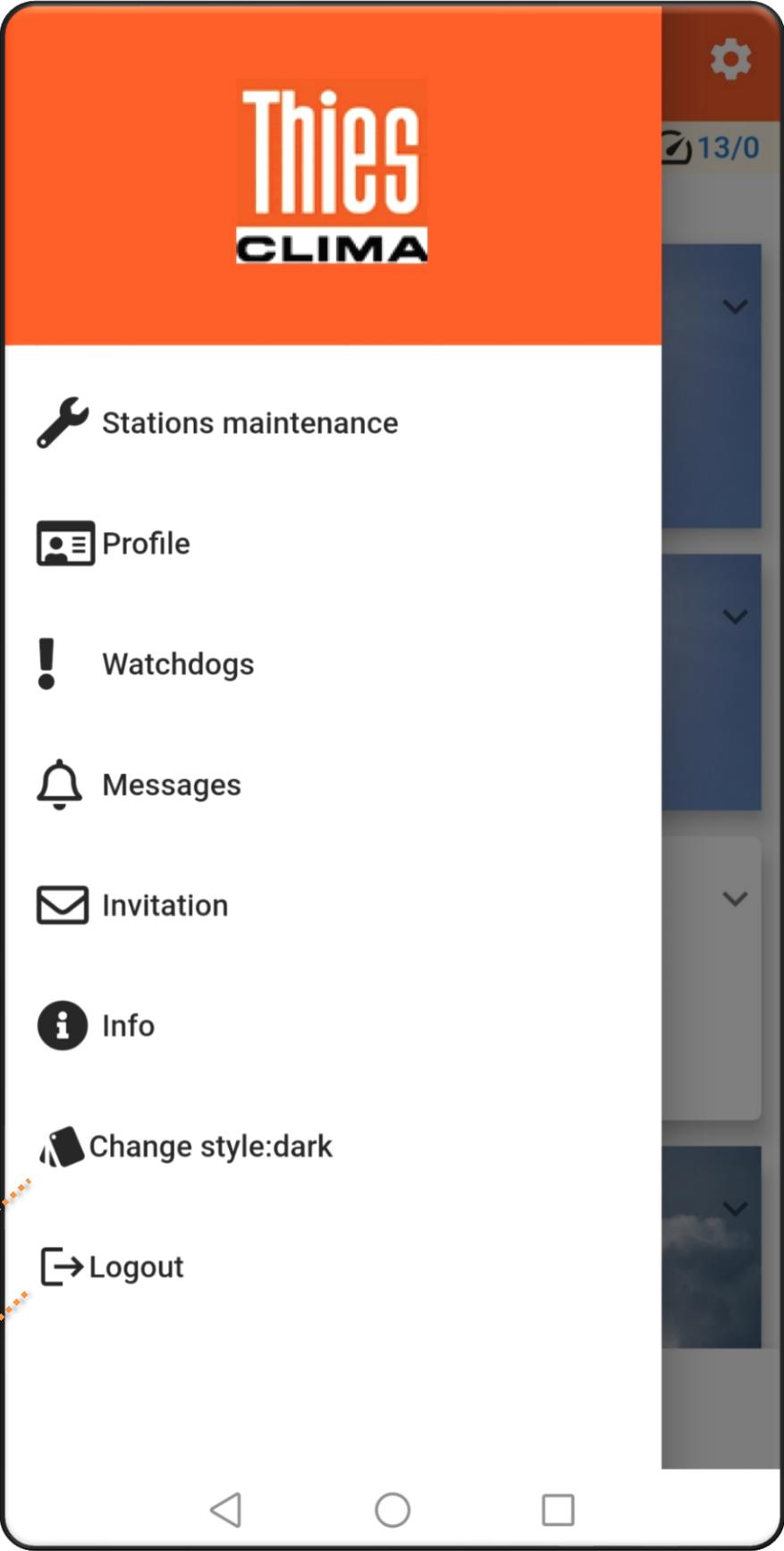
The background of the station shows the current weather situation.

Favorites can be marked with the star button.

The station does not support all the necessary measurements enough

Station is currently not sending any data.

FAQ



Collor setting dark or light.

Logout off the App.

# FAQ

With the **Stations maintenance** you can add or check out your stations.

*How can I register a station in the Cloud?*

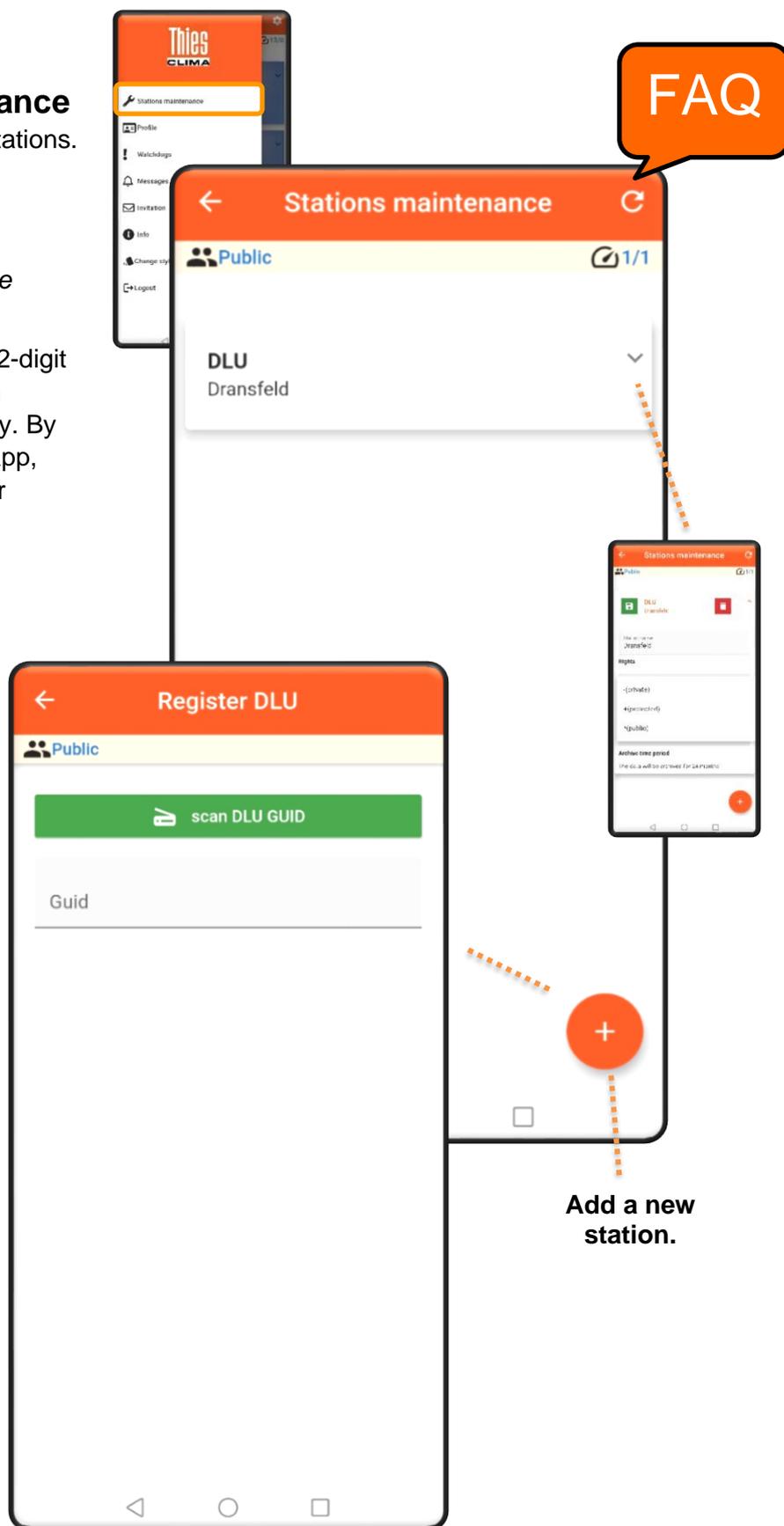
With the purchase of a DLU, a 32-digit code is supplied, which is shown as a QR code on the DLU display. By scanning the QR code with the app, the station is registered with your name.

*Can a user register several stations in the Cloud?*

*Yes, a user can register any number of stations*

*Can there be stations in the cloud without an owner?*

*No, a station in the Cloud always has exactly one Owner*



FAQ



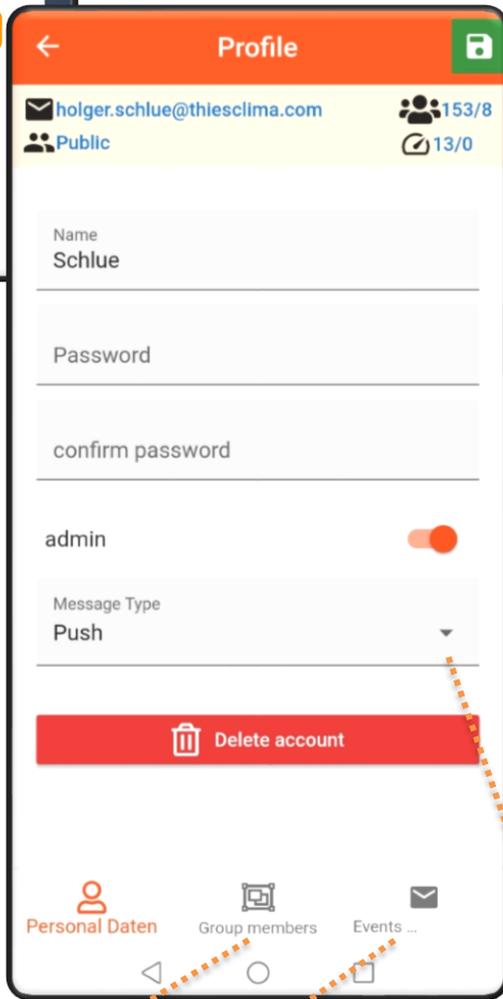
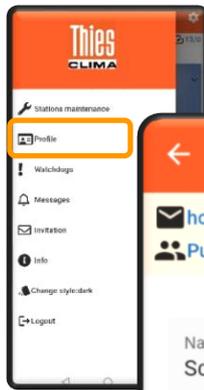
**FAQ**

The user is managed via the **Profile**. The password can be changed here.

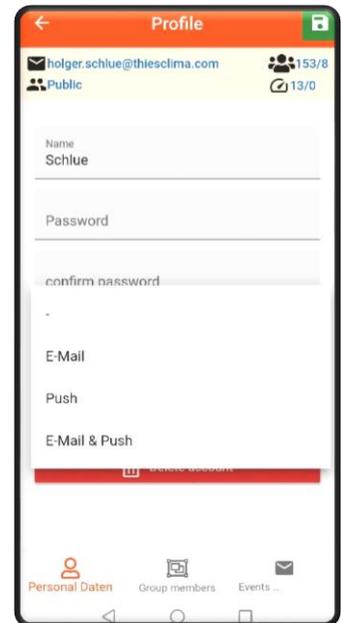
*What is the user concept?*

There are three different types of user: Guest, owner and administrator

After the first registration you are automatically a guest. If you registered a device, you automatically become the owner. If a new group is created when a device is registered, you are also an administrator of the group.



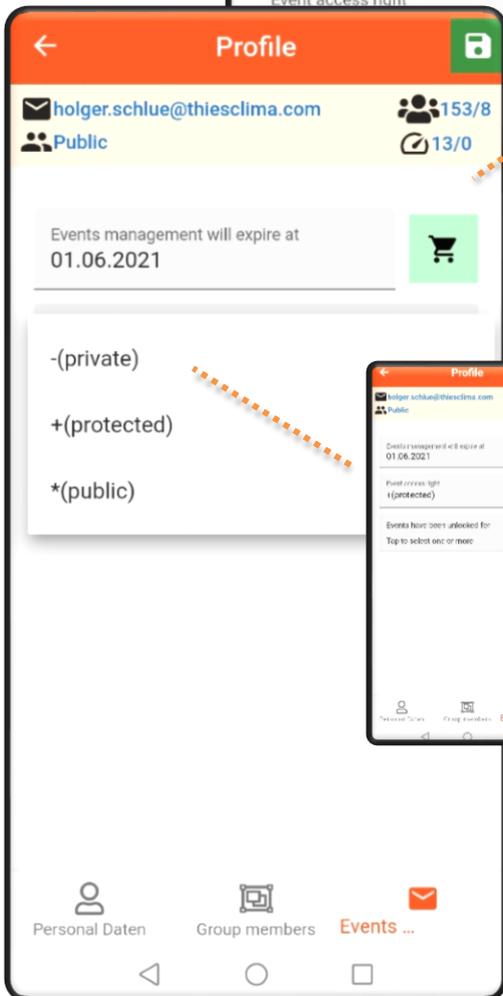
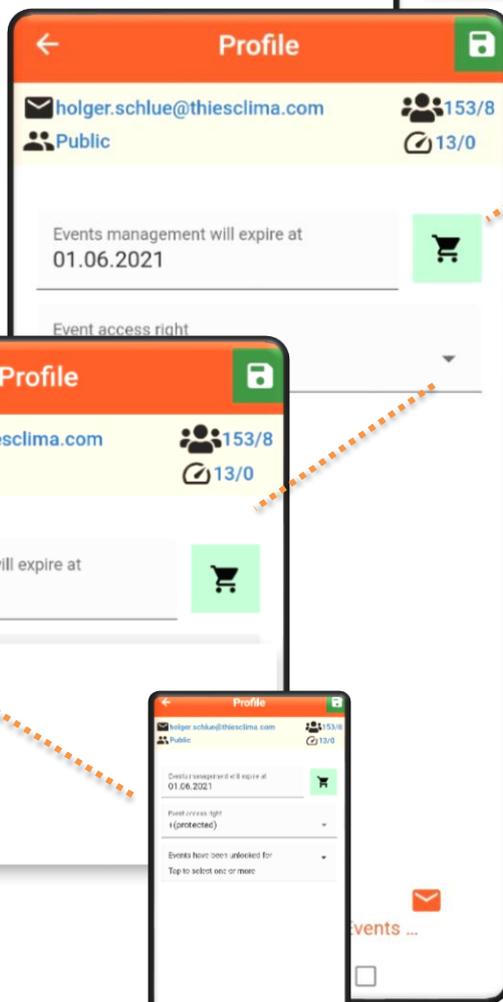
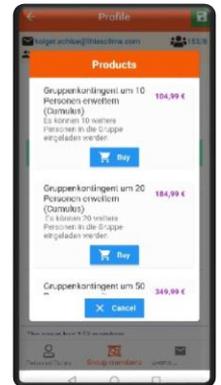
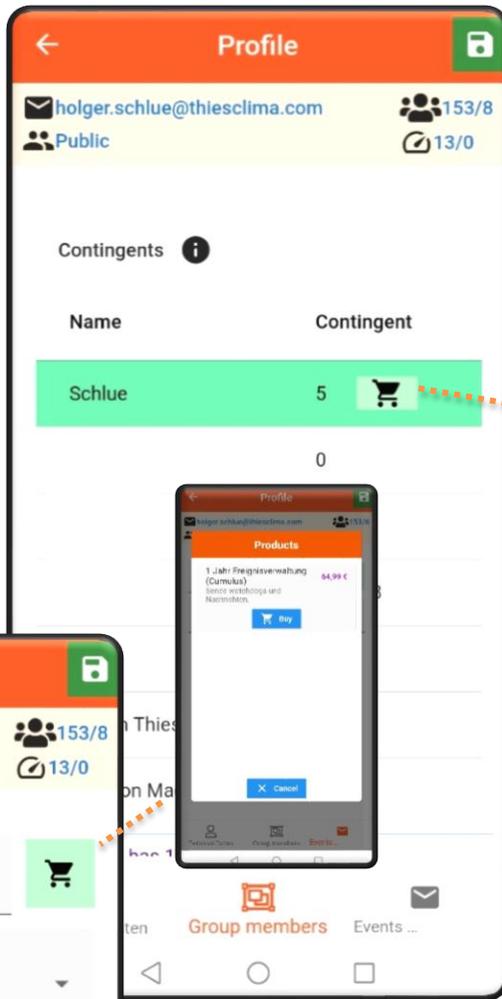
Save



Via the button **Group members** you can manage your group. By default, 5 people in your group can manage. With an In-App purchase you can add, unlimited in time, another number of 10, 20 or 50 people.

In the **Event management** area, you can buy the watchdog and messages funktion as an In-App buy.

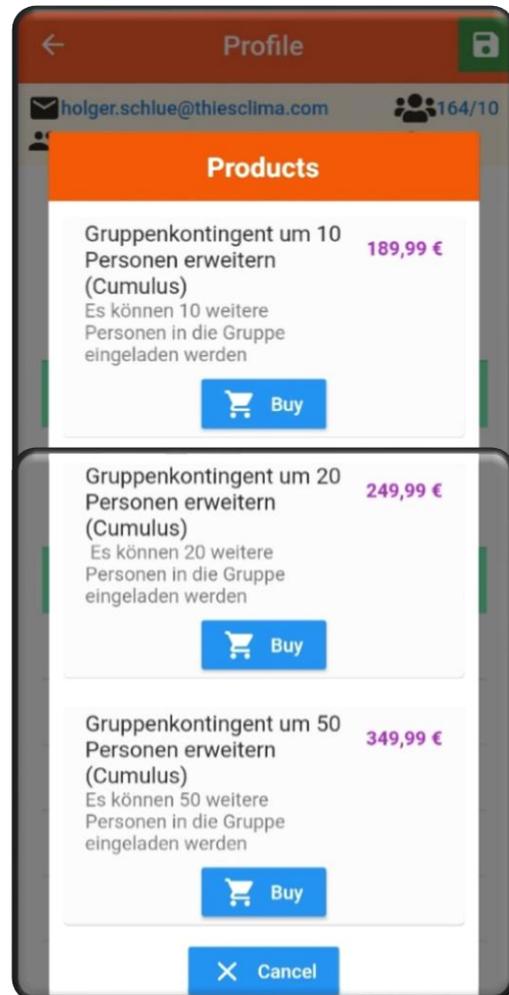
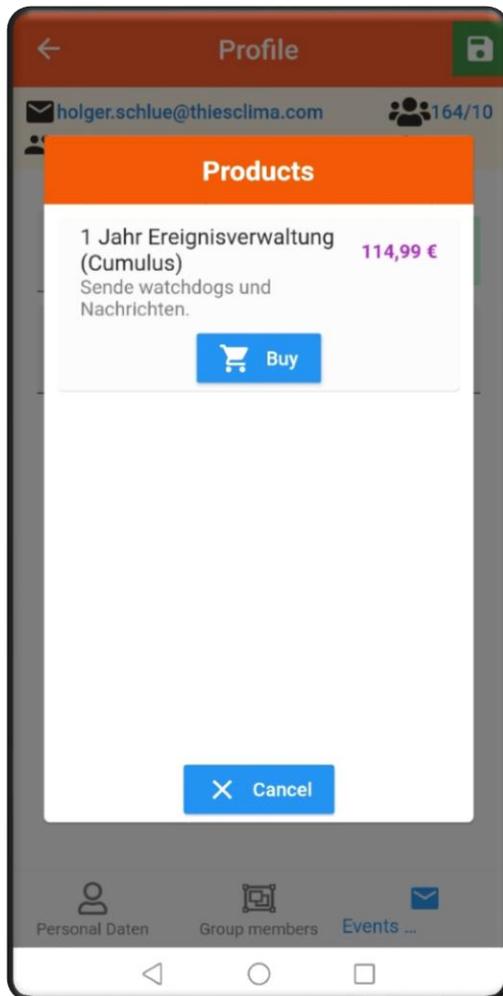
After downloading the app, all functions can be used free of charge for 1 month.



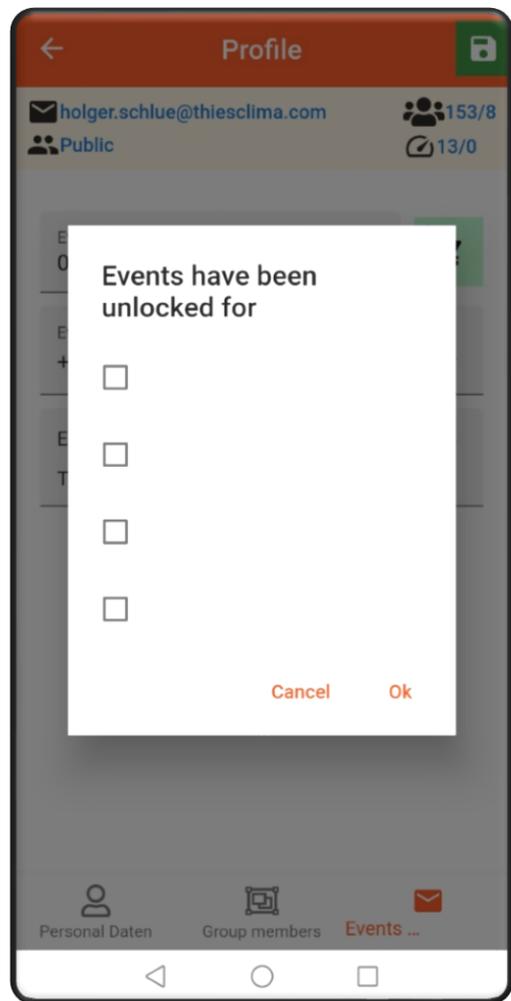
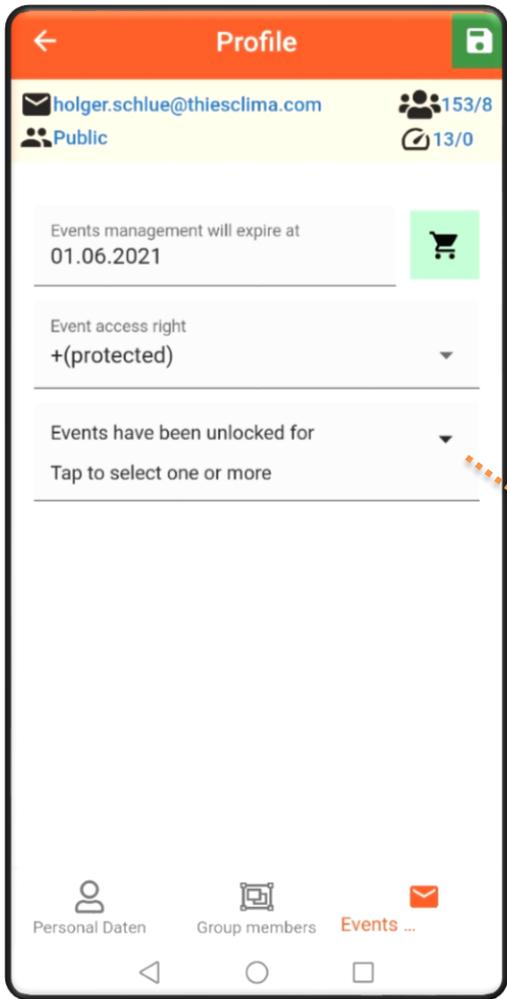
**Event management** is a recurring payment. It is not automatically renewed and will expire on the specified date. New purchases extend the expiration time.

# In-App Product Overview

FAQ



# Organize messages



**FAQ**

The **Watchdog** function is a function for failure detection of the system. You can configure the watchdog in this area of the app: Timeout period, type of message, to which people a message should be sent in the event of failure detection. You can configure the transmission type e-mail and / or push message via the button **Profile**. The i-Buttons are available in the app for further information.

In the area **Profil → Event management**, you can buy the watchdog and messages function as an AppInn buy.

After downloading the app, all functions be used free of charge for 1 month.

**Save**

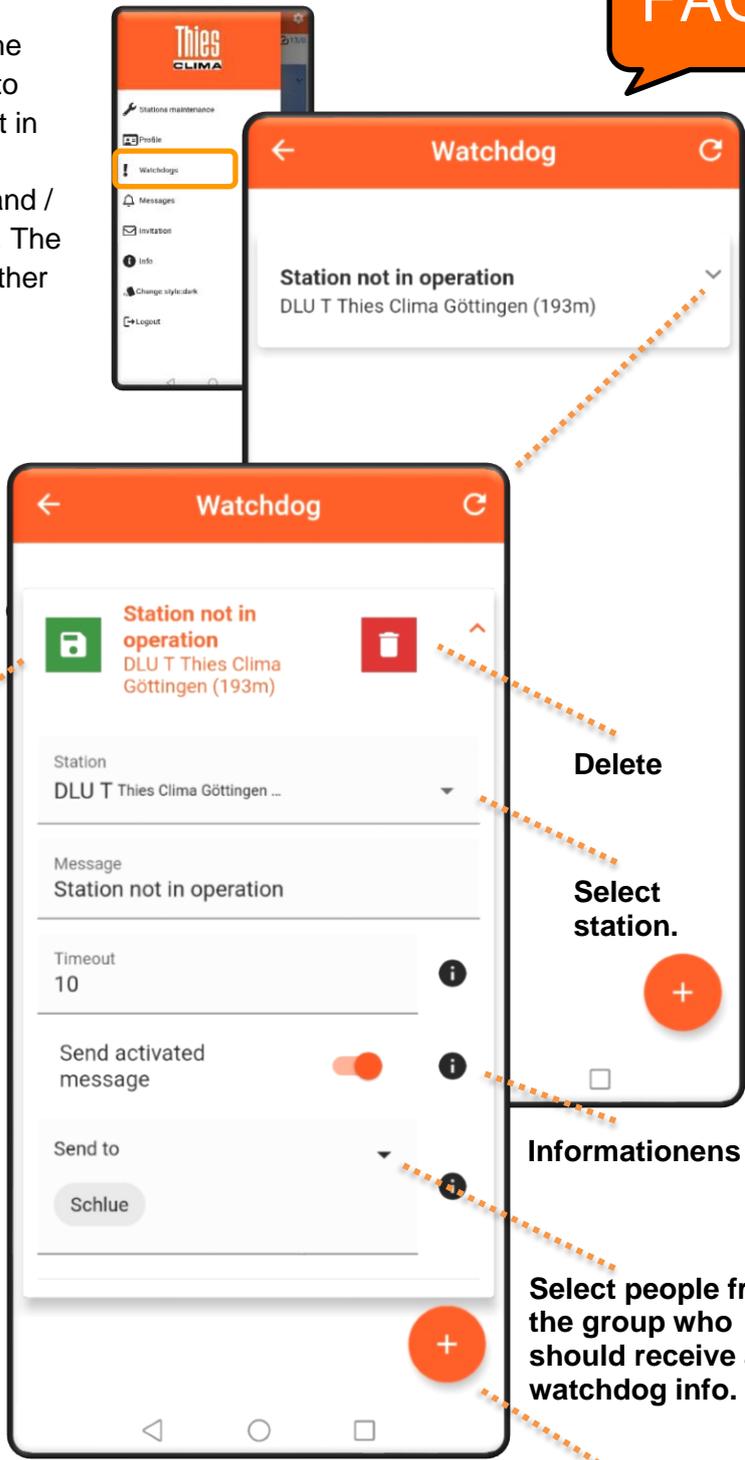
**Delete**

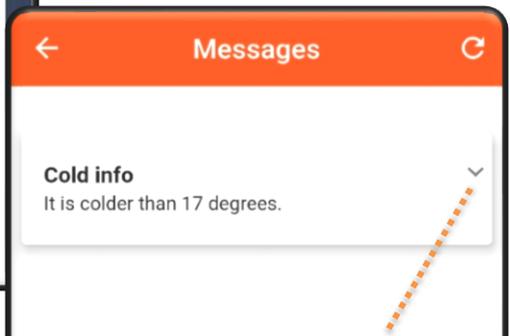
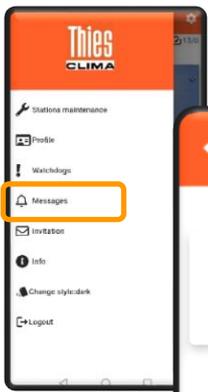
**Select station.**

**Informationens**

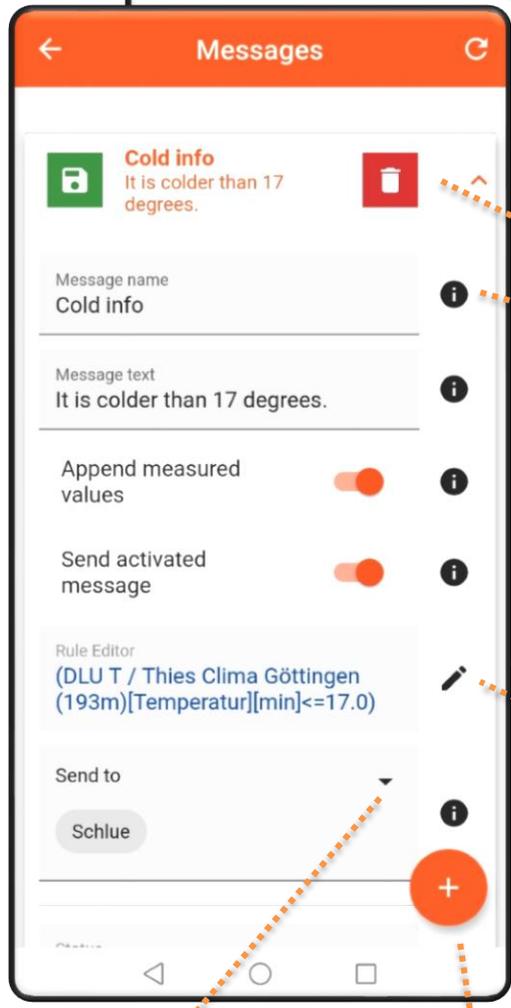
**Select people from the group who should receive a watchdog info.**

**Create another watchdog.**



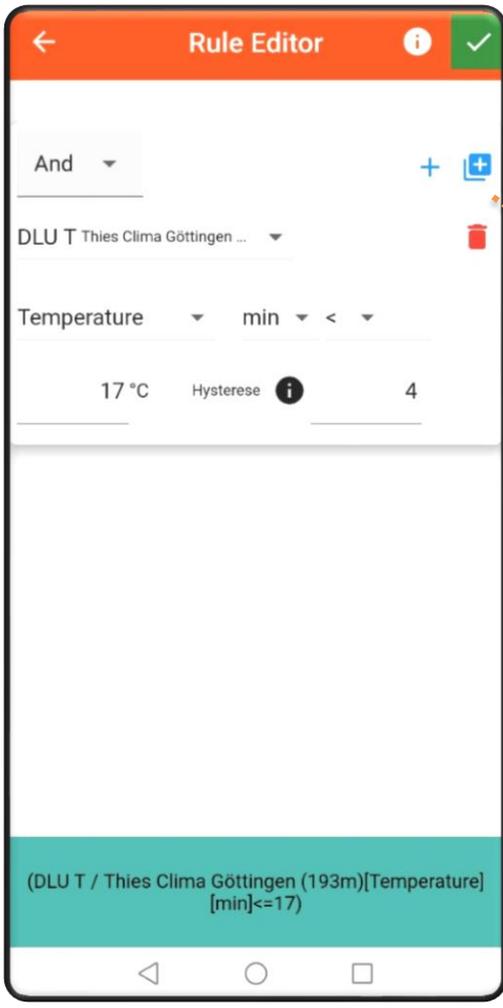


You can use the **Message** function to monitor the measurement data, measurement events and send configured messages or measured values by e-mail and / or push messages. You can configure the type of transmission via the button **Profile**. The i-Buttons are available in the app for further information.



In the area **Profil → Event management**, you can buy the watchdog and messages function as an Applnn buy. After downloading the app, all functions can be used free of charge for 1 month.

**Delete Informations**



Enter further rules.

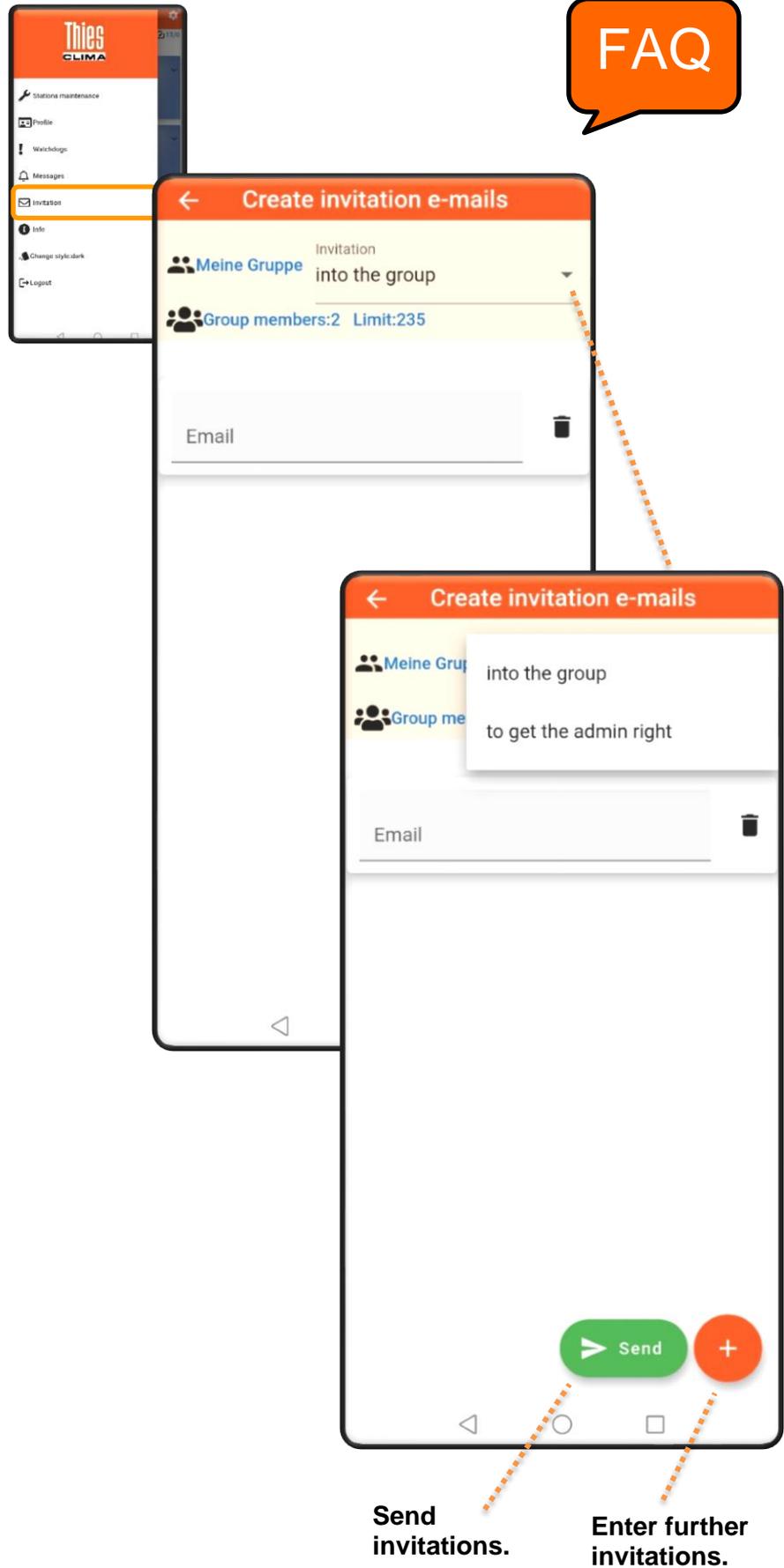
Select people from the group who should receive a message.

Create more messages.

# FAQ

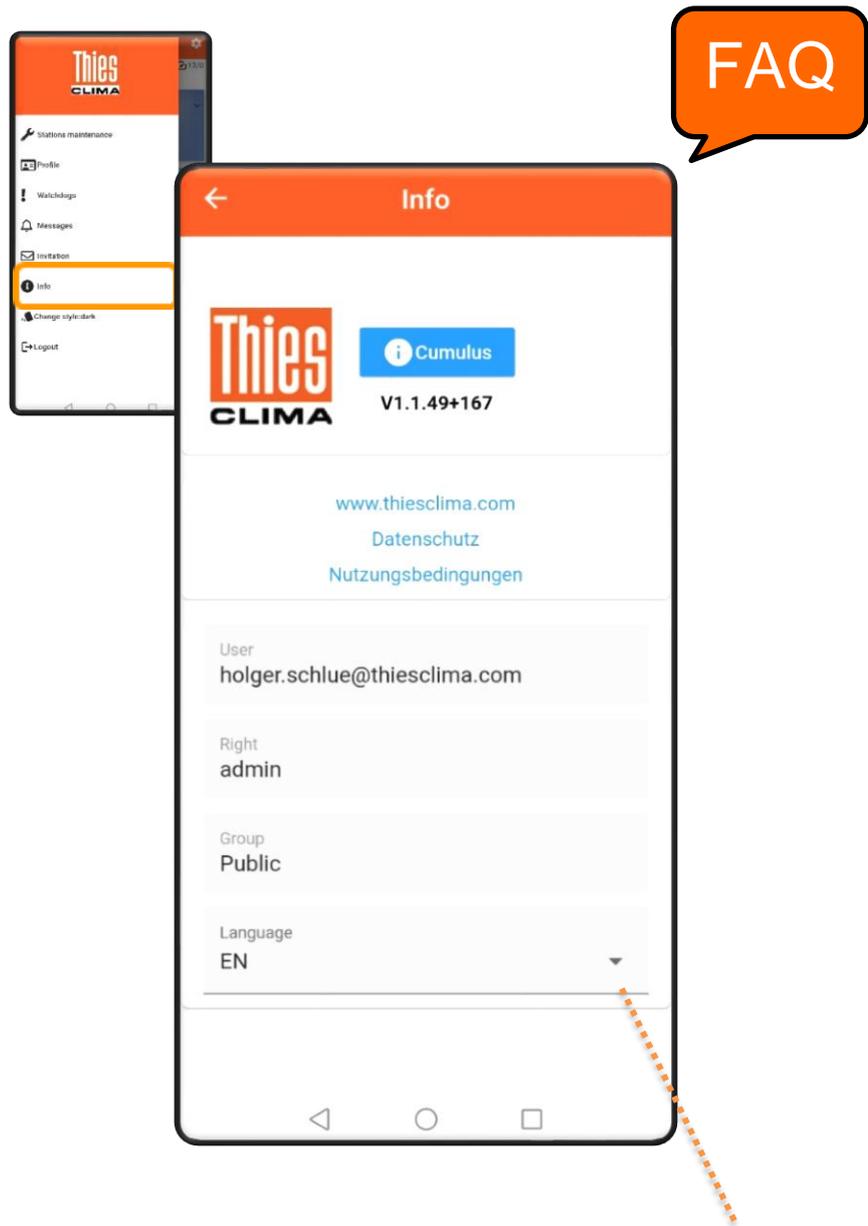
As an administrator of a group, you can invite other members to the group as guests by **Invitation**.

Members are already registered users in the Thies Cloud.

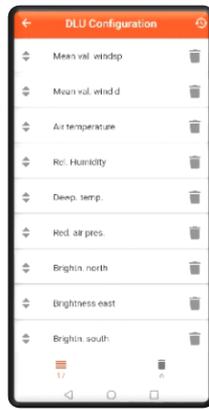
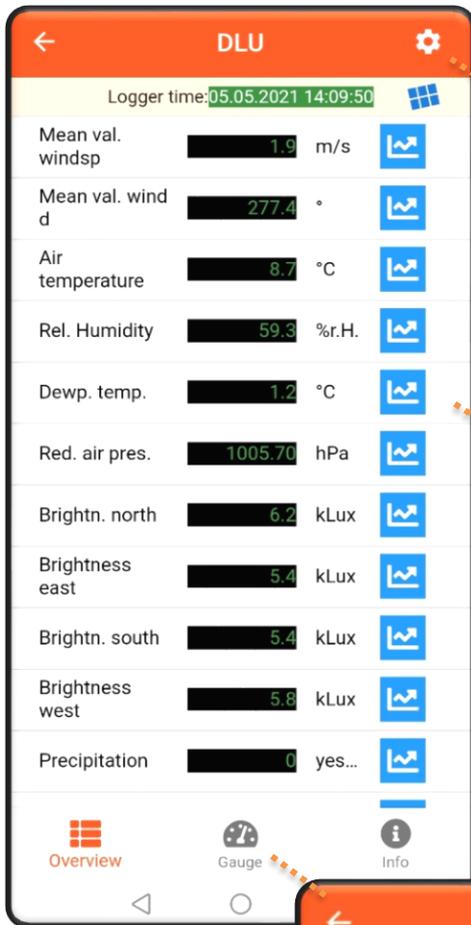


The software version is displayed via **Info**, the language setting are managed here.

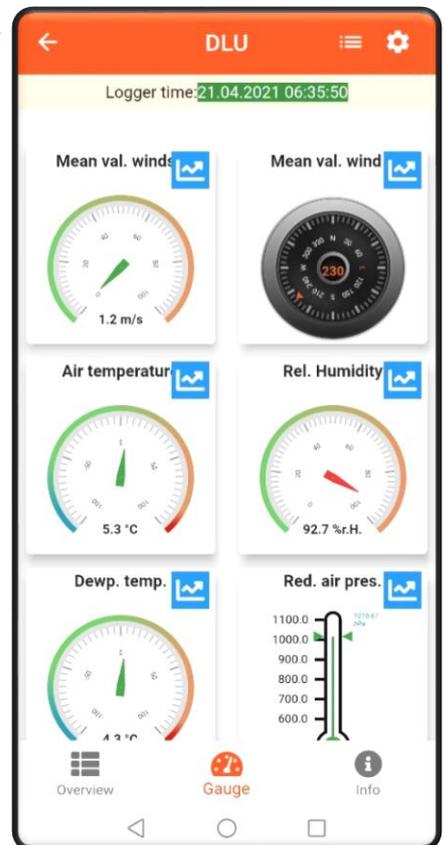
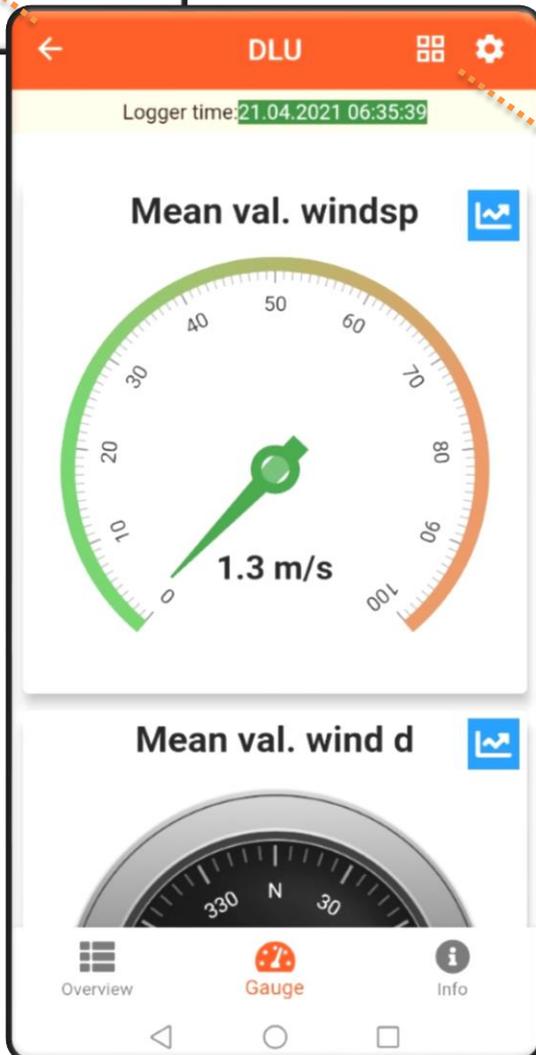
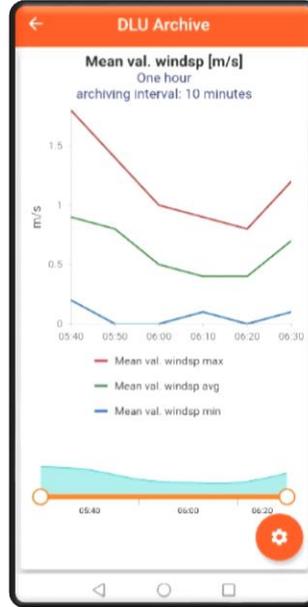
Your user rights and the group assignment are displayed.



Choose a language.



FAQ



## Display of archive values

This setting can be used to activate channel 1 and channel 2. Select the measured variables for evaluation and set the time range for the archive values.

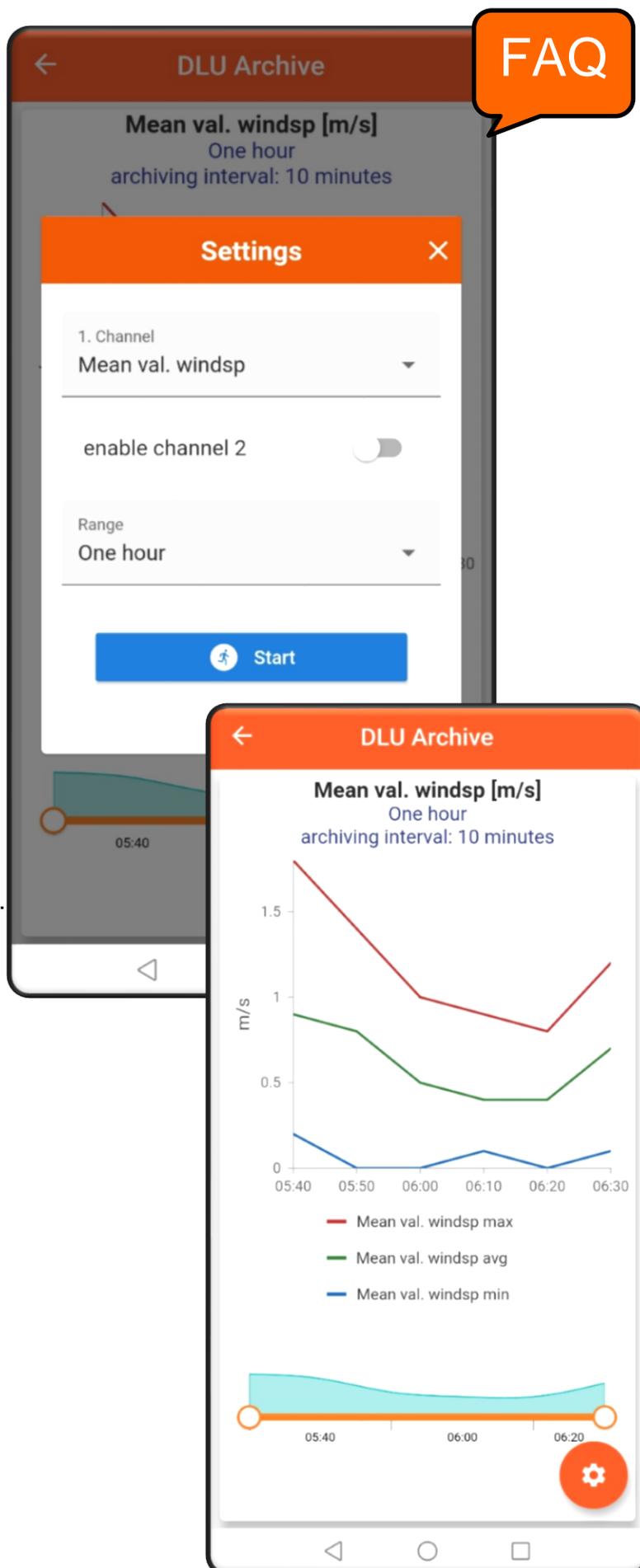
The archive values are updated via the **Start button**.  
aktualisiert.

### How is data exchanged?

- The Cloud polls the station data in fixed cycles. The polling interval depends on the archiving interval set.
- Normally, it is not possible to send values every second
- If a User displays the instantaneous values, a channel is opened to transmit the instantaneous values.
- This channel is kept open for as long as the User requests instantaneous values.
- The instantaneous values are updated every 5 seconds in the apps.  
(-> Caution: Possibly a cost trap with GPRS)

*If several users are displaying instantaneous values at the same time: Does this lead to an additional load for my station?*

- No, the channel for instantaneous values is opened only once by the cloud. It is closed as soon as no user requests the display of instantaneous values.



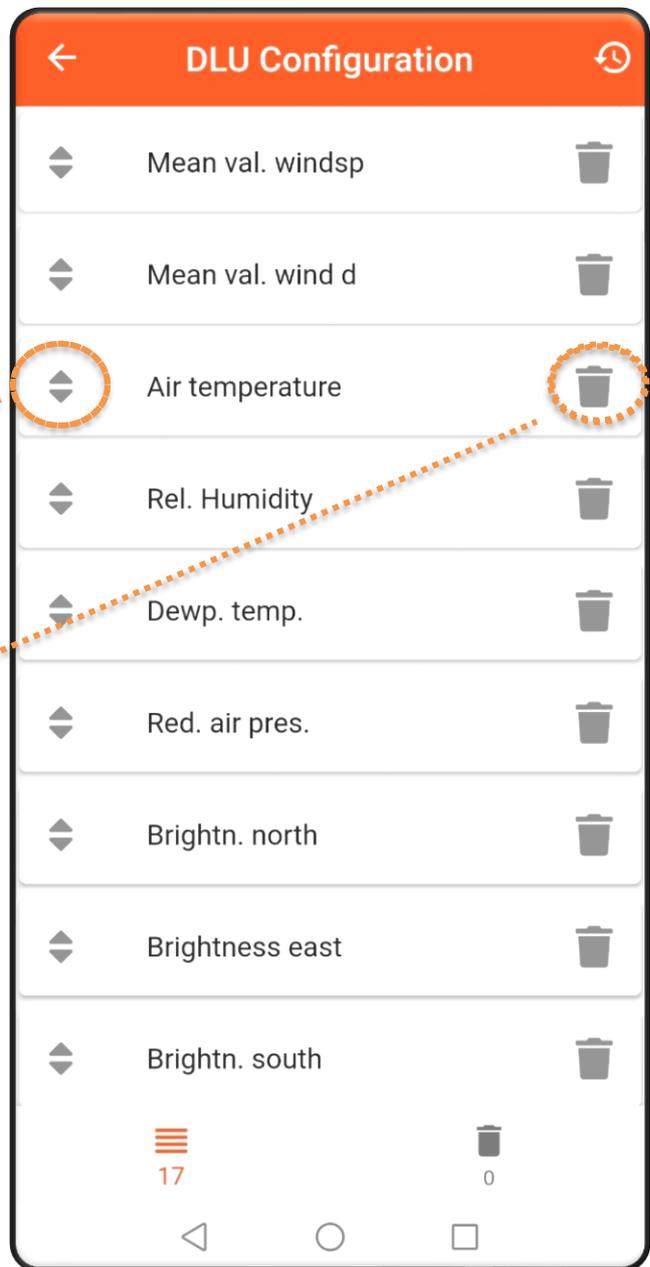
## Channel configuration of the instantaneous value display



With this function you can configure the channels to display the Instantaneous value.

With the symbol you can switch the channels to invisible or make them visible again.

With the help of "Drag and Drop" on the 3 lines you can move the channels and determine the order in which the Instantaneous values are displayed.



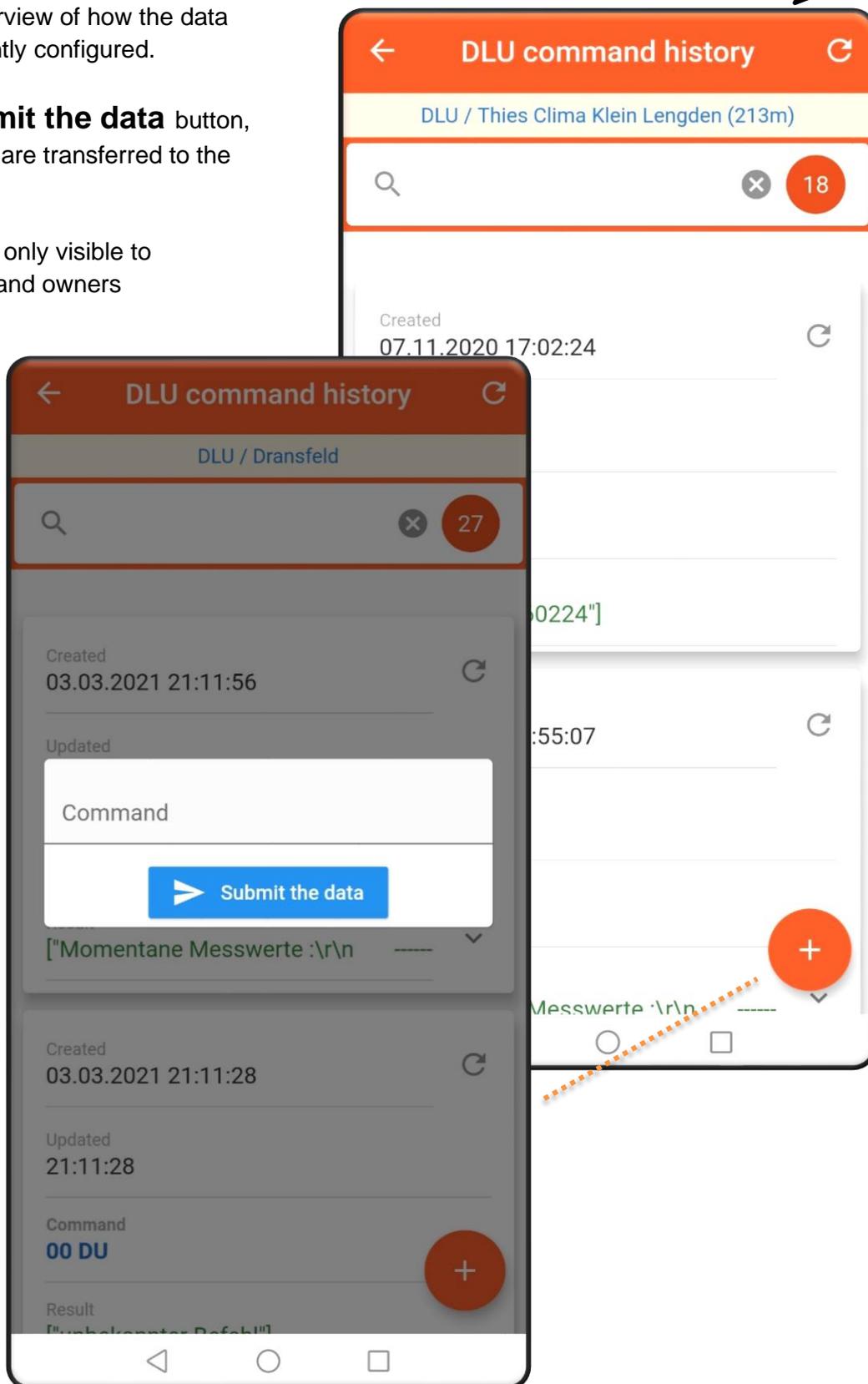
## Befehlshistorie, Befehle an das Gerät senden



With this function you can send new or changed commands to the data logger and get an overview of how the data logger is currently configured.

With the **Submit the data** button, the commands are transferred to the logger.

This function is only visible to administrators and owners



## Logger Informations

FAQ

The screenshot shows a mobile application interface for a logger. At the top, there is an orange header bar with a back arrow on the left, the text 'DLU' in the center, and a gear icon on the right. Below the header, a yellow bar displays 'Logger time: 21.04.2021 06:36:11'. The main content area consists of several white rounded rectangular cards, each containing a label and a value. At the bottom, there are three navigation icons: a grid icon labeled 'Overview', a gauge icon labeled 'Gauge', and an information icon labeled 'Info'. The Android navigation bar is visible at the very bottom.

← DLU ⚙️

Logger time: 21.04.2021 06:36:11

Name  
DLU

Guid  
{5335-3100-4A4E-594A-3330-3430-3535-3034}

Active configuration  
{{61A-9908-B-2E-A1-4-0EF--96B3--  
DD2-35AB-5E31-A}}

Created  
25.03.2020 13:13:45

Updated  
21.04.2021 08:36:14

Instant data updated  
21.04.2021 08:36:14

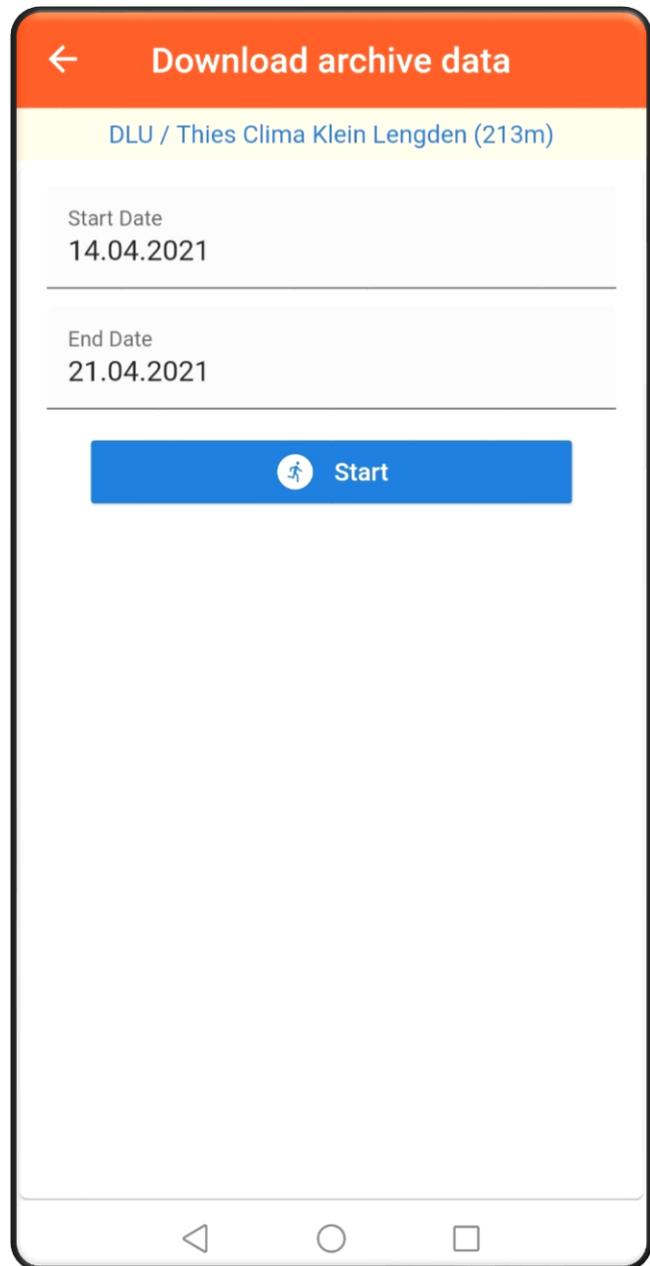
Overview Gauge Info

## Download Archive Data



With this mask you can set the period for the archive values which you want to download. Pressing the **Start** button starts the download.

This function is only visible to administrators and owners



## Display the stations on a map

FAQ

The location overview of your data logger:

With the zoom function you can enlarge the map.

If you are tapping the marker the station information is displayed.

When you are tapping the marker, a diamond with an arrow and a map app are displayed. With this button you can navigate directly to your station.

With a CLICK on the button, the following functions can be accessed: Measured value overview, calling up archive values, downloading archive values and calling up the command history.



## Selection of the displayed stations

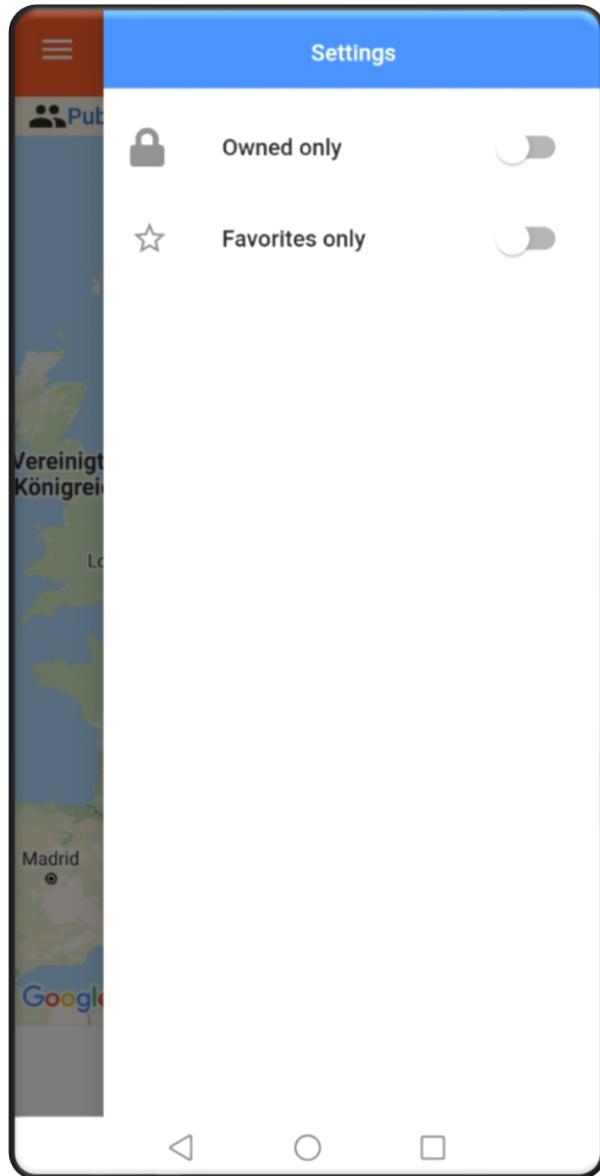
FAQ

The slide control can be used to set the station overview on the **map** (click me) or for the **list view** (click me).

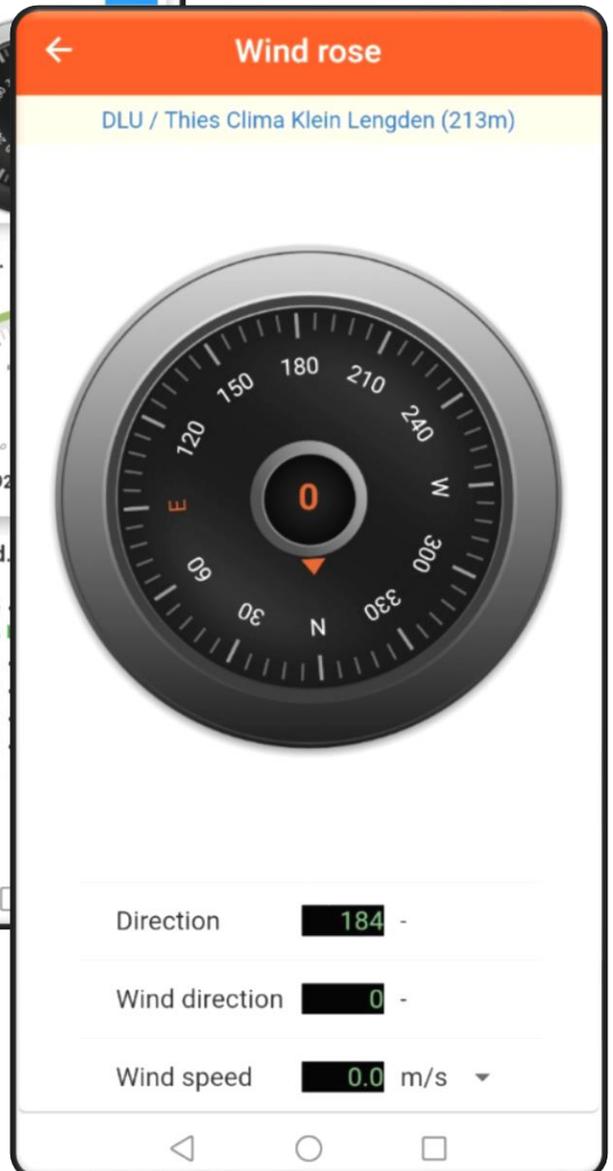
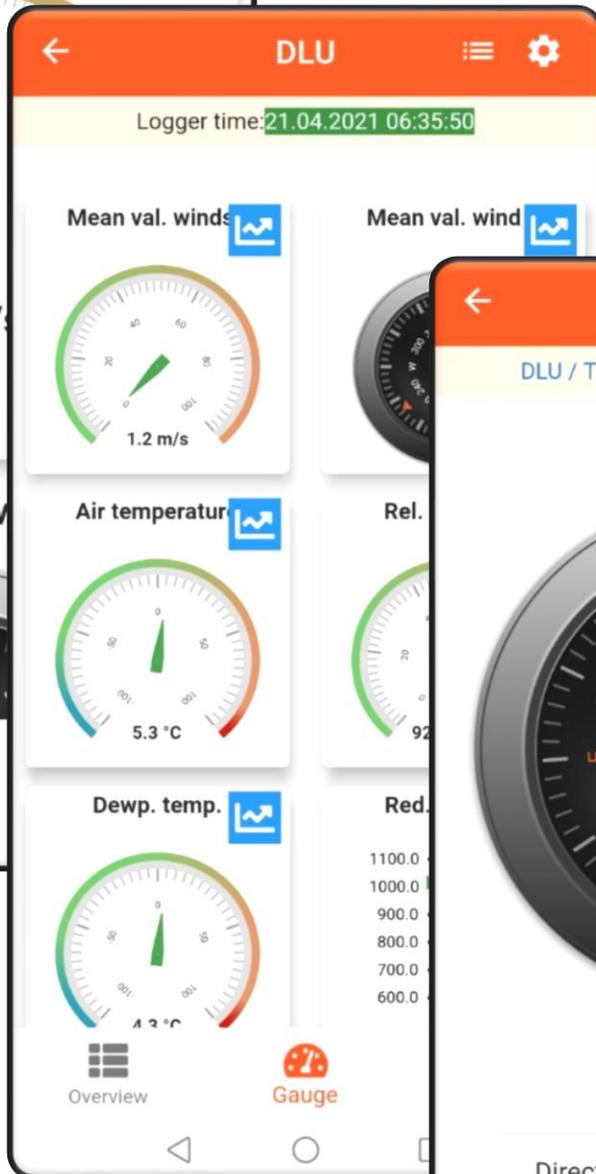
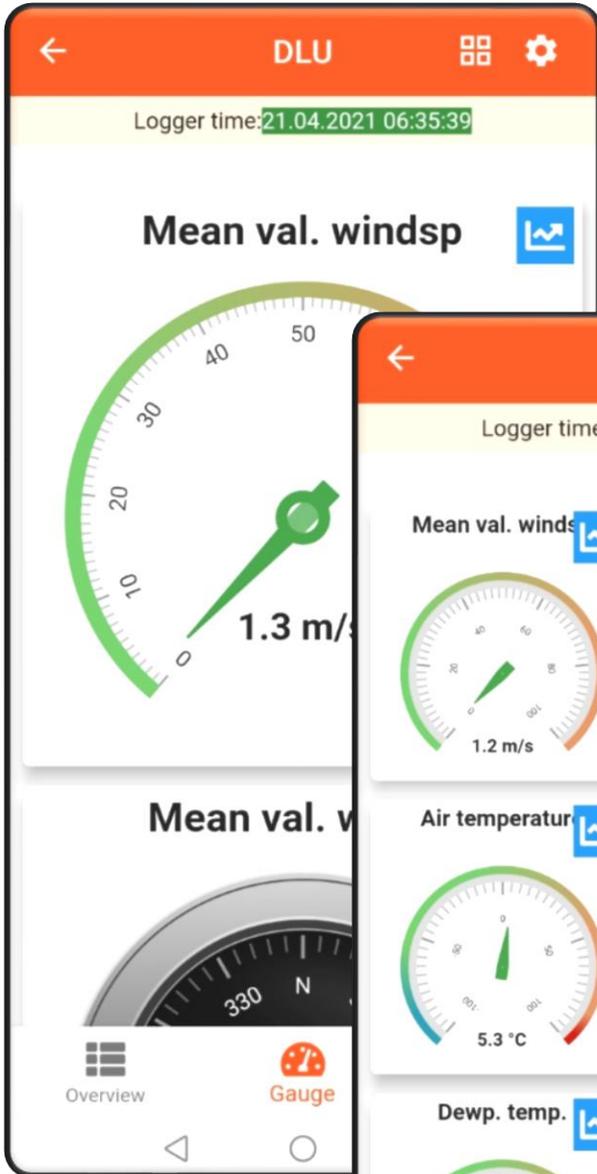
You can choose between your own stations or favorites.

You can mark the favorites with the STAR in the **list view** of the station overview.

The number of stations you can see / the number of stations where you have admin rights.



# Measured value representations



## Stations Overview expanded

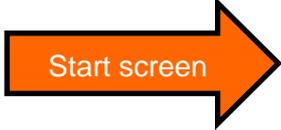
FAQ

The screenshot shows a mobile application interface for weather stations. At the top, there is a red header with a hamburger menu icon, the title 'Stations', and a share icon. Below the header, a yellow bar indicates the station is 'Public' with a refresh icon and '2/0'. The main content area features a station card for 'DLU Thies Clima Klein Lengden (213m)' with a star icon, a map icon, and a red arrow. Below the card are five blue action buttons: a clock, a line graph, a compass, a download icon, and a right arrow. A grey box shows 'Instant data updated 23.04.2021 08:02:49'. The data is presented in a list of rows, each with a label and a value in a black box:

Metric	Value	Unit
Mean val. windsp	1.6	m/s
Mean val. wind d	246.7	°
Air temperature	2.3	°C
Rel. Humidity	87.7	%r.H.
Dewp. temp.	0.6	°C
Red. air pres.	1028.52	hPa
Brightn. north	4.1	kLux
Brightness east	4.1	kLux

At the bottom, there are two navigation options: 'List' (with a red grid icon) and 'Map' (with a map icon). The Android navigation bar is visible at the very bottom.

# FAQ



Start screen

## *How can I register a station in the Cloud?*

- With the purchase of a DLU, a 32-digit code is supplied, which is shown as a QR code on the DLU display. By scanning the QR code with the app, the station is registered with your name.

## *What is the user concept?*

- There are three different types of users: Guest, owner and administrator
- After the first registration you are automatically a guest. If you registered a device, you automatically become the owner. If a new group is created when a device is registered, you are also an administrator of the group.

## *What is a Guest?*

- Does not have an own station
- Can see the data in the stations of the relevant group
- Every customer who registers in the cloud for the first time is initially a Guest, and automatically a member in the 'Public' group

## *What is an Owner?*

- A Guest who registers a station becomes an owner
- Can own one or more stations
- Can see the data in the stations of the relevant group
- Can download data from their own station(s)
- Can send commands to their own station(s)

## *What is an Administrator?*

- Is the manager of a group
- Can invite other users to the group
- Has access to the data in all stations of the group
- Can assign administrator rights to the other members (guests and/or owners) in the group

## *How do I become a owner?*

- By registering a station

## *How do I become an administrator?*

- If a new group is created at the same time when registering a device, you automatically become the administrator of the group
- If another administrator in the group assigns you administrator rights.

## *What are groups?*

- Groups consist of at least one person

- At least one person in the group is the owner of a station
- Members of a group can only see the stations in that group
- Groups are not closed in themselves. Users have no access to the stations of other groups. Stations of other groups are not visible.

#### *How can I create a group?*

- It is possible to create a new group when registering a new station.

#### *How do I change to another group?*

- For this, you need an invitation into the new group. This is done by the group's administrator, who sends an e-mail with a link. Clicking on this link takes you to the new group.

#### *What happens to my station(s) if I change to another group?*

- Because stations are always assigned to a specific person, the stations are also moved to the other group.

#### *Can I simultaneously be a member in different groups?*

- With an account, you can only be a member in one group.

#### *Can I leave a group by myself?*

- Yes, you can leave a group by yourself and go back into the 'Public' group.

#### *Can I go back after that?*

- No, for this, you need a new invitation from the group's administrator

#### *How many languages are supported?*

- English and German
- The language is stored in the User account
- The language is selected during registration
- When the app is started, the application runs in the stored language
- The language can be changed in the app at any time

#### *Can customers test the cloud without hardware?*

- Yes, any person can open an account using their e-mail address
- Accounts can be used with Android, iOS and Web
- After the first registration, the customer is a member in the 'Public' group

#### *Can a customer open several accounts?*

- Yes, but he/she needs different e-mail addresses. Every account is assigned to a specific e-mail address

### *How is data exchanged?*

- The Cloud polls the station data in fixed cycles. The polling interval depends on the archiving interval set.
- Normally, it is not possible to send values every second
- If a User displays the instantaneous values, a channel is opened to transmit the instantaneous values.
- This channel is kept open for as long as the User requests instantaneous values.
- The instantaneous values are updated every 5 seconds in the apps.  
(-> Caution: Possibly a cost trap with GPRS)

### *If several users are displaying instantaneous values at the same time: Does this lead to an additional load for my station?*

- No, the channel for instantaneous values is opened only once by the cloud. It is closed as soon as no user requests the display of instantaneous values.

### *What does the app cost?*

- The app is free of charge and can be downloaded from PlayStore or AppStore
- Future functions, e.g. watchdogs function and limit monitoring, might be subject to a charge

### *Can a firewall block the data transfer?*

Yes, information technology must allow access to the following URLs / addresses / ports:

- <http://deb.debian.org/>
- <http://repos.rcn-ee.com/>
- <https://www.thiescloud.com>
- Port 443
- Sending ping on [www.thiescloud.com](http://www.thiescloud.com) must be allowed
- Access to NTP time synchronization must be allowed, Address: [de.pool.ntp.org](http://de.pool.ntp.org) or [at.pool.ntp.org](http://at.pool.ntp.org) with Port 123

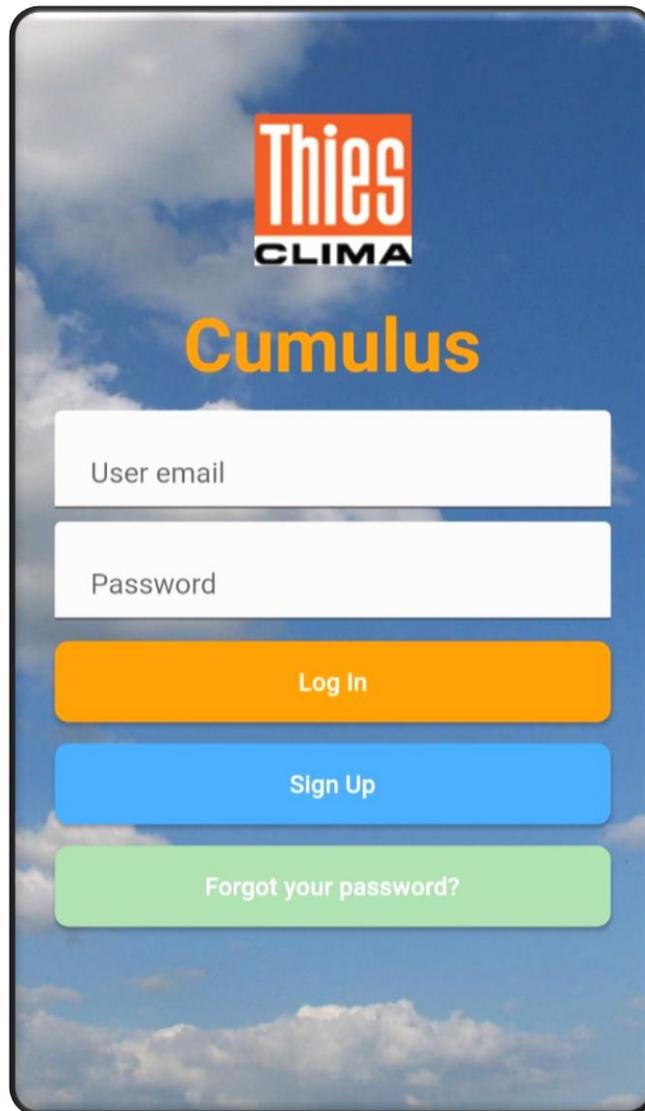
### *How do I get the data from the cloud to my local PC?*

- Data can be downloaded via the Download archive values menu
- Data can be continuously downloaded via the Thies Cloud Data Windows Service (9.1798.12.000) or Thies Cloud Data Linus Service (9.1798.12.011). For further information, please contact your sales contact.

### *Which measured values are necessary to display the current weather situation to be shown as a background graphic?*

- Wind speed, global radiation or 3 brightness's (east, south, west), SYNOP code or precipitation intensity or precipitation status, air temperature, geographical position (can also be entered manually in the logger)
- The THIES compact weather stations WSC11 (4.9056.10.000) and Climasensor US (4.9200.00.000) support the display of the weather situation.

## App Login- and Logout, Change Password



Thies  
CLIMA

# Cumulus

User email

Password

Log In

Sign Up

Forgot your password?

You can also run this app from your PC:

<https://www.thiescloud.com/cumulus>

**Please contact us for your system requirements.  
We will be pleased to assist.**

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