

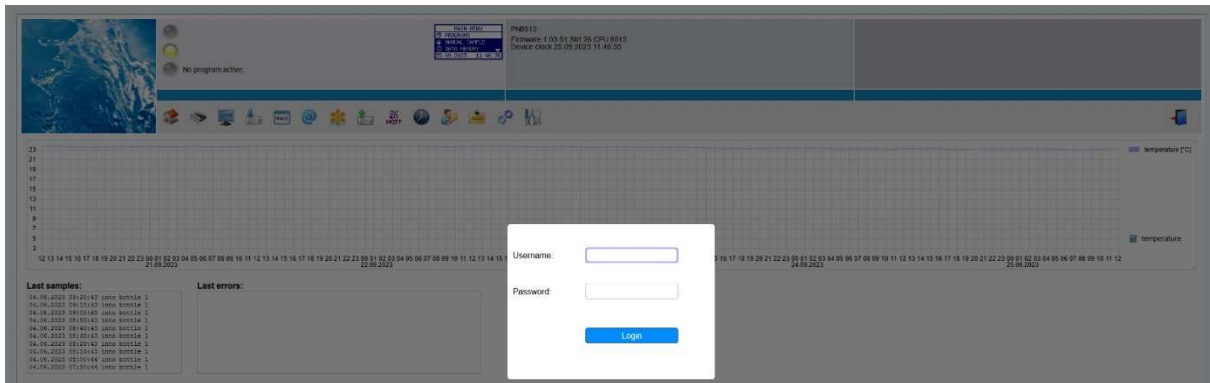
Manual
WEB – communication
with
maxxwareConnect®

WEB communication with maxxwareConnect®

go to <http://mail.maxx-gmbh.com:47234/>

This is a real sampler, equipped with a WEB Modul

It appears the **Login** screen

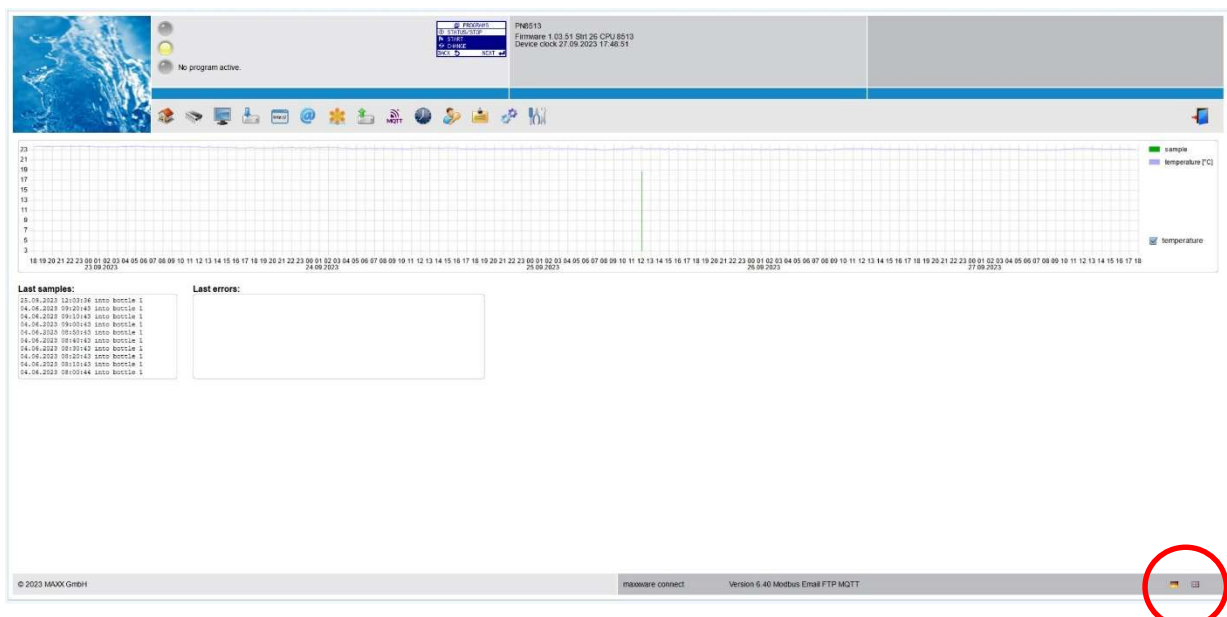


LOG-IN:

Name: maxx

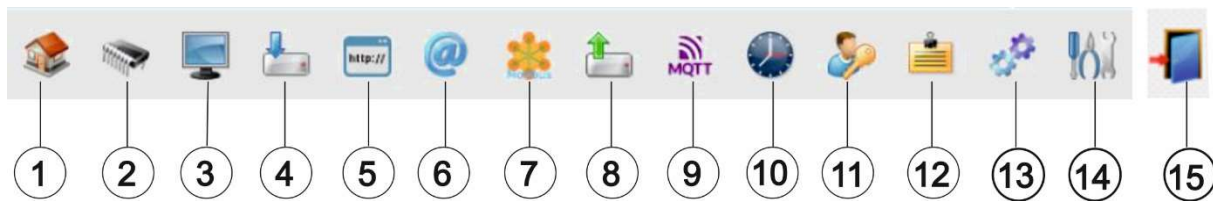
Password: 6299

(in the bottom-corner at the right-side, you can change the **language**. Just click on the icon)



You are allowed to try everything. You can't damage nothing. Worst case you will cut the network connection.

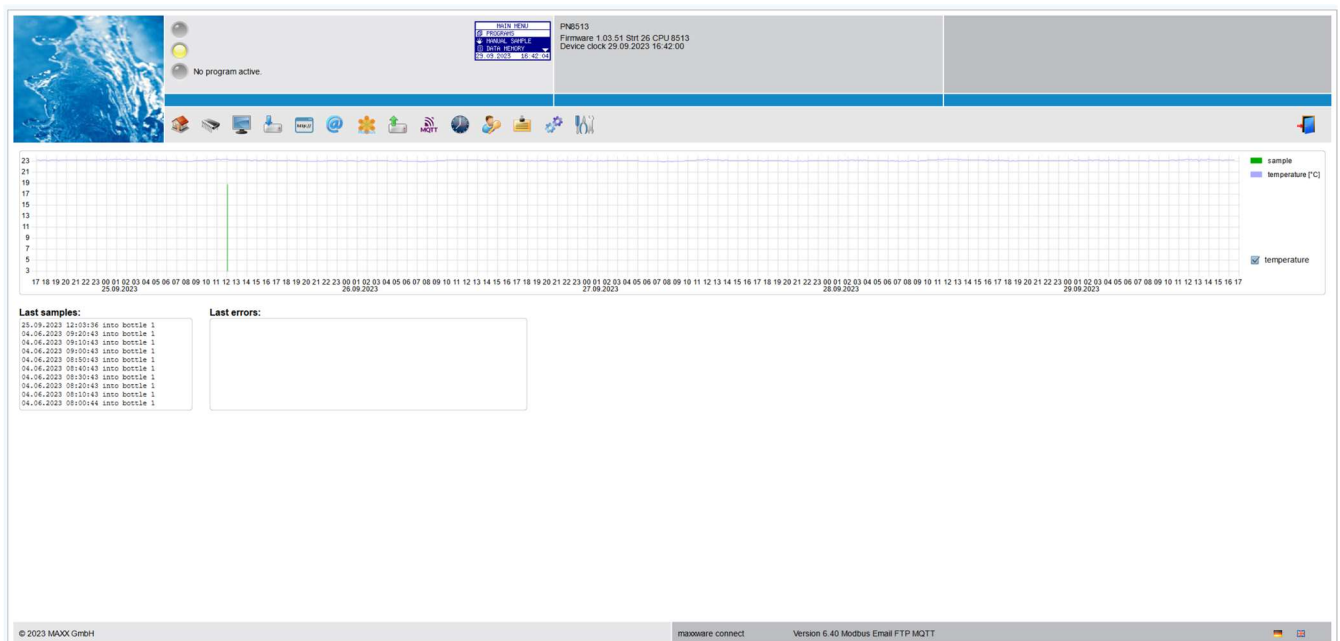
LEGEND OF ICONS:



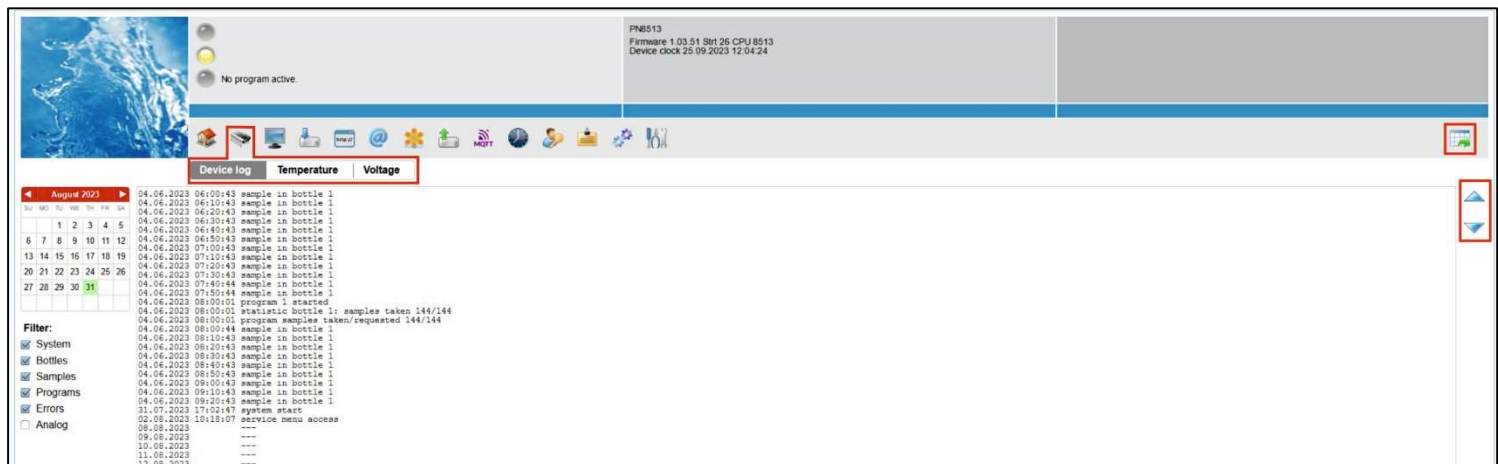
1. START
2. MEMORY
3. DISPLAY
4. DOWNLOAD
5. HTTPS DOWNLOAD
6. E-MAIL
7. MODBUS
8. FTP UPLOAD
9. MQTT
10. CLOCK SETTINGS
11. USER
12. MESSAGE
13. SETTINGS
14. SYSTEM
15. LOG-OUT

1.START

The start screen shows you the sampling and the error list of the last 5 days



2. Memory



Device Log:

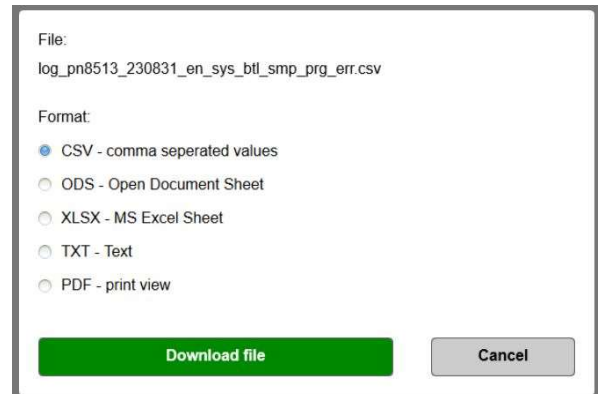
According to the filter setting, the logged data for the desired date is displayed. (at the right side you can browse with the icons **page up** or **page down** and you can **download** the data in different file formats).

Temperature:

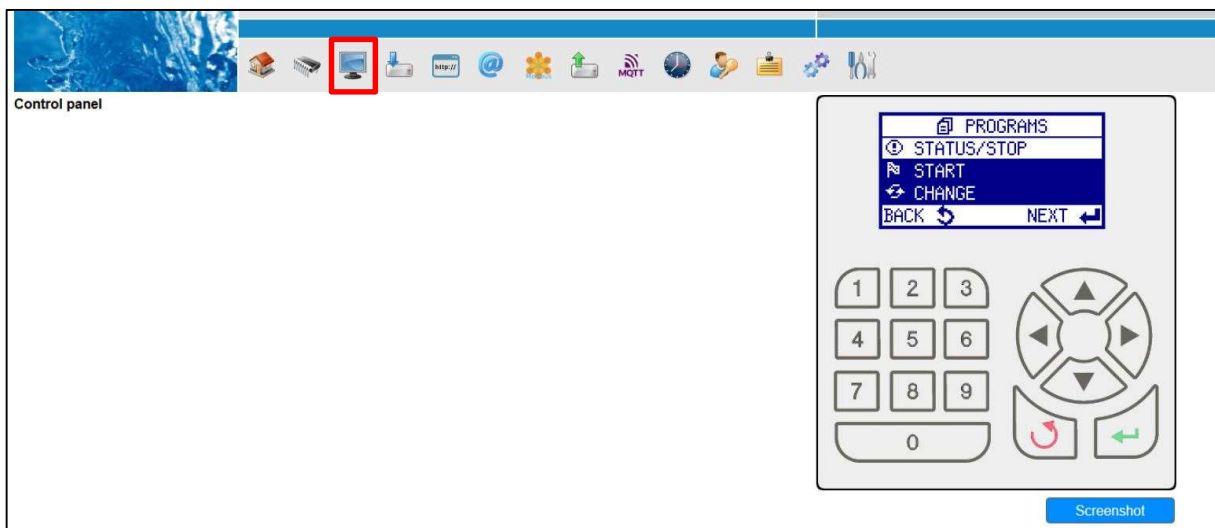
- shows the logged temperature data
- **Inside** means of the sampling compartment
- **Outside** is in the upper compartment (ambient temperature)
- PT 1000 is optional

Voltage: shows the logged Voltage

For all downloads of data, you can choose one of the file-formats in the selection-window below.



3. DISPLAY



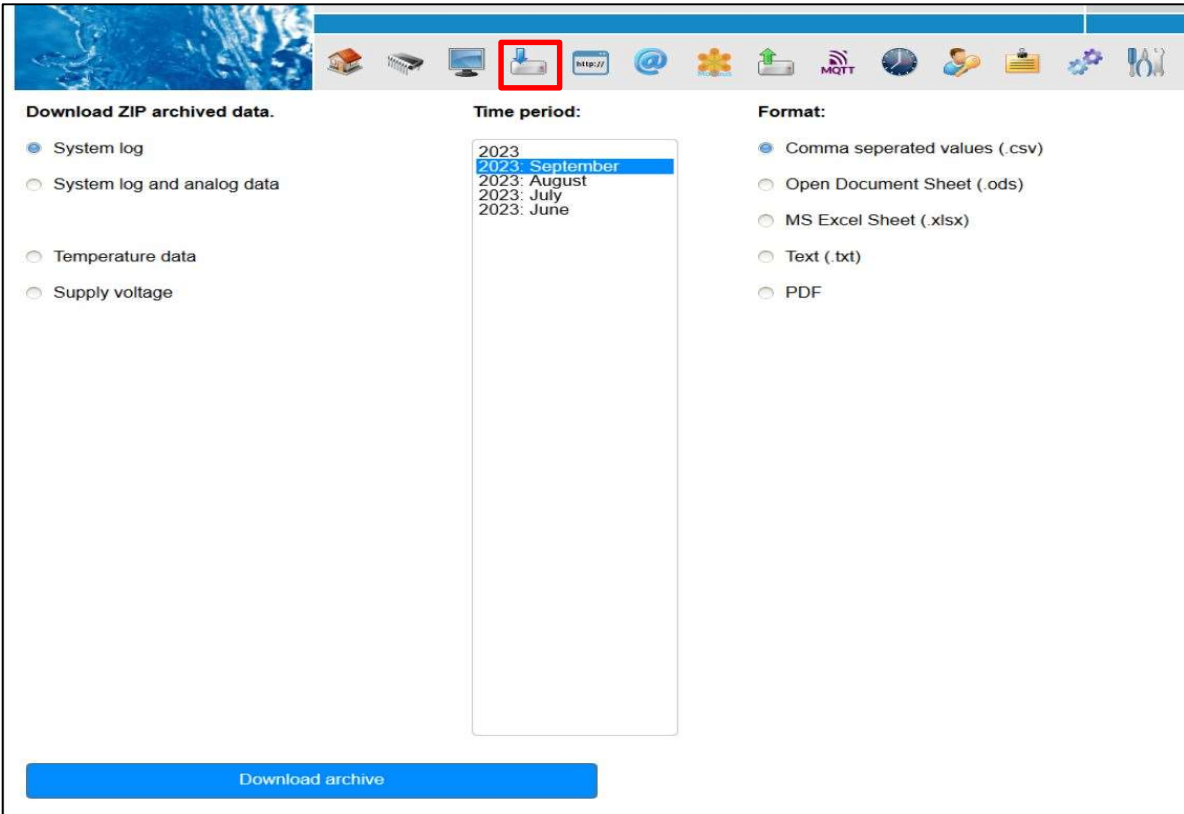
If you click on **Display** it's a "real-time" connection to the sampler; like you would be in front to the sampler (depending to the GPRS-signal, it can be a short delay).

You can use either the mouse or your keypad to navigate. You can do really all changes/settings in the sampler from far. If the sampler-language is not in English, you can easily change it here. From German these are the steps: EINSTELLUNGEN -> GERÄTEEINSTELLUNGEN -> SPRACHE -> ENGLISH

Note: After you confirmed the language, the system automatically makes a restart and thus you will lose the connection (takes about 20 sec.). Just make the Login again.

4. DOWNLOAD

Here you can make the setting for download of logged data



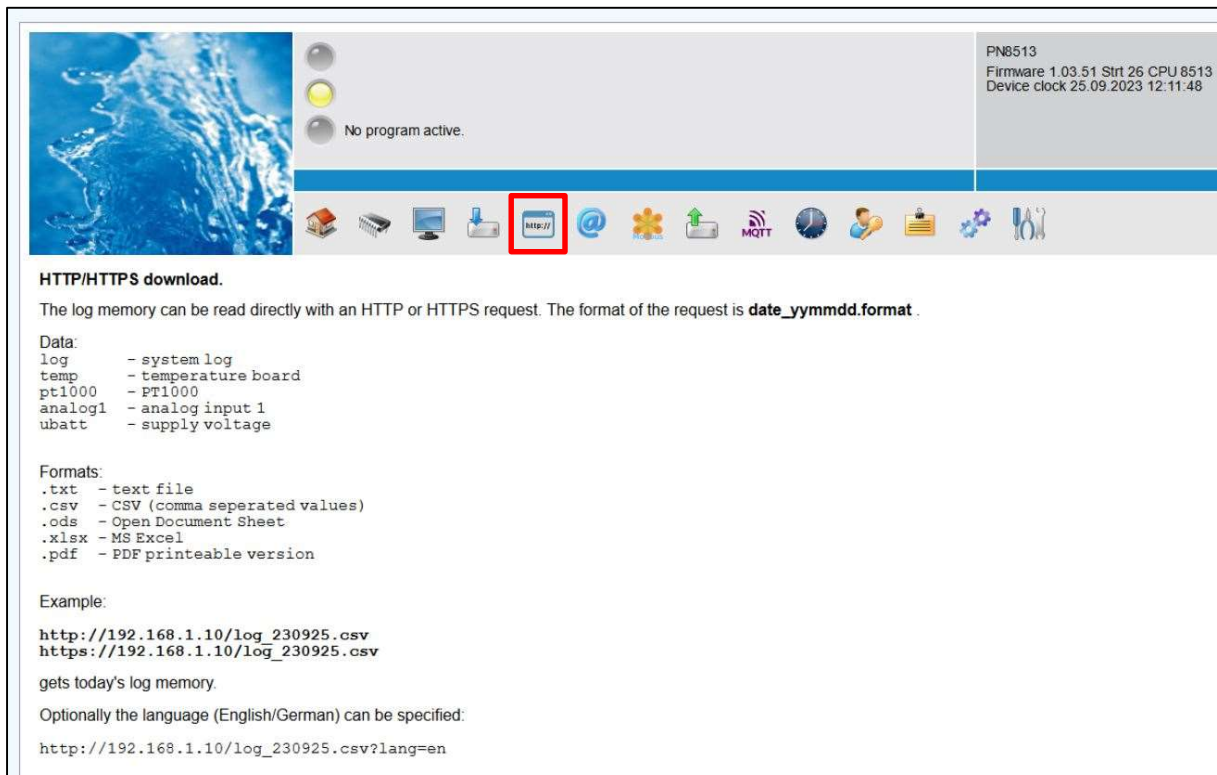
The screenshot shows the 'Download ZIP archived data.' section of the MAXXwareConnect web interface. A red box highlights the download icon in the top toolbar. The main content area has three sections:

- Download ZIP archived data.**
 - ☒ System log
 - ☐ System log and analog data
 - ☐ Temperature data
 - ☐ Supply voltage
- Time period:**
 - 2023
 - 2023: September**
 - 2023: August
 - 2023: July
 - 2023: June
- Format:**
 - ☒ Comma seperated values (.csv)
 - ☐ Open Document Sheet (.ods)
 - ☐ MS Excel Sheet (.xlsx)
 - ☐ Text (.txt)
 - ☐ PDF

A blue 'Download archive' button is located at the bottom of the form.

5. HTTPS DOWNLOAD

The log data can be requested directly with a HTTP/HTTPS command



The screenshot shows the 'HTTP/HTTPS download.' section of the MAXXwareConnect web interface. A red box highlights the HTTP/HTTPS icon in the top toolbar. The main content area includes:

- HTTP/HTTPS download.**
- The log memory can be read directly with an HTTP or HTTPS request. The format of the request is **date_yymmdd.format**.
- Data:**
 - log - system log
 - temp - temperature board
 - pt1000 - PT1000
 - analog1 - analog input 1
 - ubatt - supply voltage
- Formats:**
 - .txt - text file
 - .csv - CSV (comma seperated values)
 - .ods - Open Document Sheet
 - .xlsx - MS Excel
 - .pdf - PDF printable version
- Example:**

```
http://192.168.1.10/log_230925.csv
https://192.168.1.10/log_230925.csv
```

gets today's log memory.

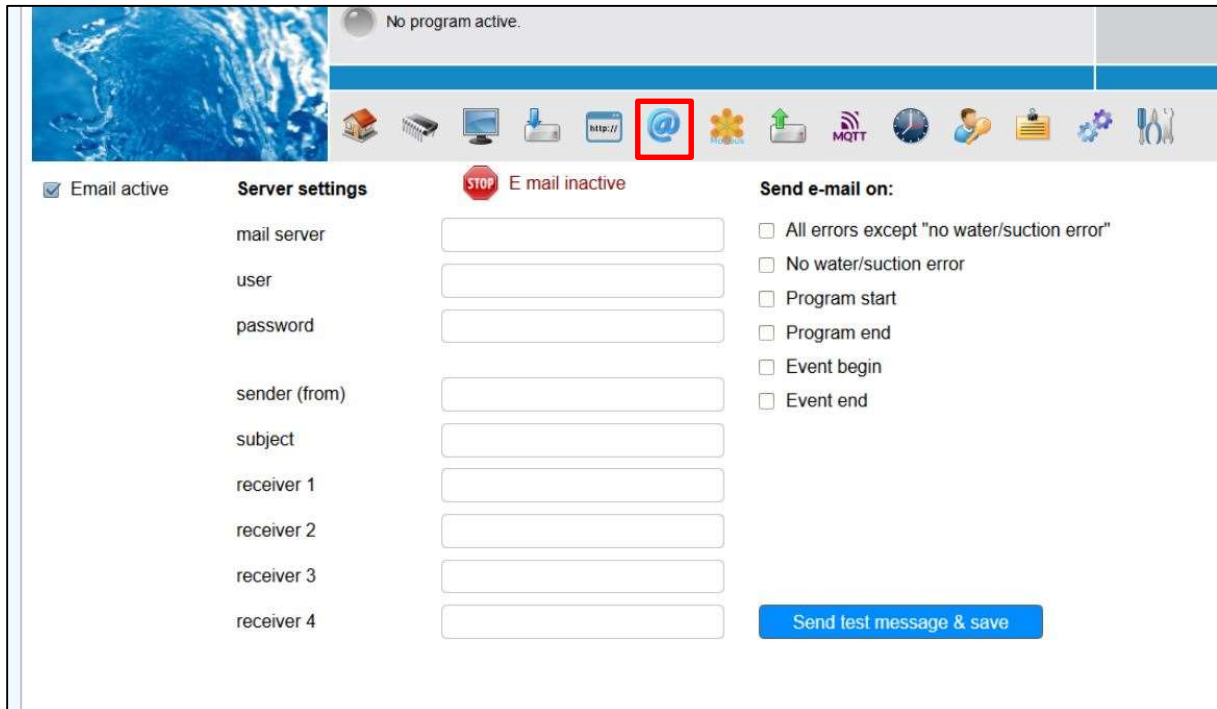
Optionally the language (English/German) can be specified:

```
http://192.168.1.10/log_230925.csv?lang=en
```

In the top right corner, the status 'PN8513' is displayed along with 'Firmware 1.03.51 Strt 26 CPU 8513' and 'Device clock 25.09.2023 12:11:48'.

6. e-mail

here you can make the setting for an e-mail account and which messages you would like to get by e-mail.



No program active.

☒ Email active

Server settings

mail server

user

password

sender (from)

subject

receiver 1

receiver 2

receiver 3

receiver 4

Send e-mail on:

☐ All errors except "no water/suction error"

☐ No water/suction error

☐ Program start

☐ Program end

☐ Event begin

☐ Event end

[Send test message & save](#)

7. MODBUS

With the integrated Modbus Interface, the sampler can be fully controlled with the Modbus commands. Click on "Download PDF" to get the detailed description of the commands.



No program active.

Modbus TCP interface.

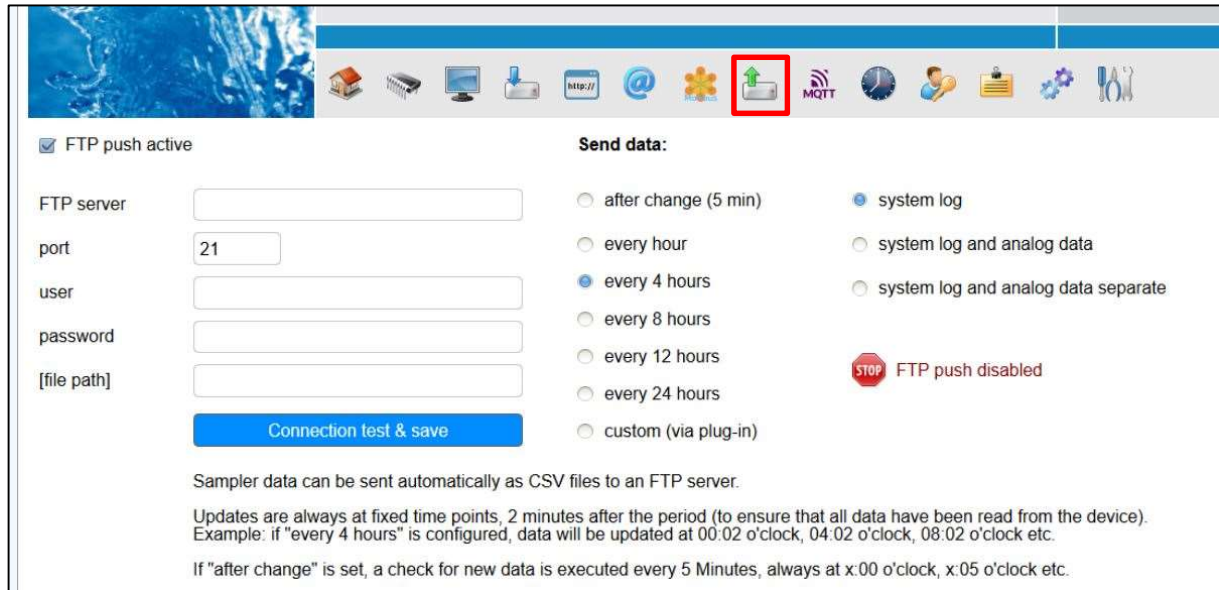
With the integrated Modbus TCP interface, the device can be controlled and information can be read.

Interface description: [Download PDF](#)

☒ Modbus TCP active.

8. FTP Upload

Here you can make the setting for a FTP-push server and you can directly test the connection



☒ FTP push active

FTP server:

port:

user:

password:

[file path]:

[Connection test & save](#)

Send data:

- ☐ after change (5 min)
- ☐ every hour
- ☒ every 4 hours
- ☐ every 8 hours
- ☐ every 12 hours
- ☐ every 24 hours
- ☐ custom (via plug-in)

☒ system log

☐ system log and analog data

☐ system log and analog data separate

STOP FTP push disabled

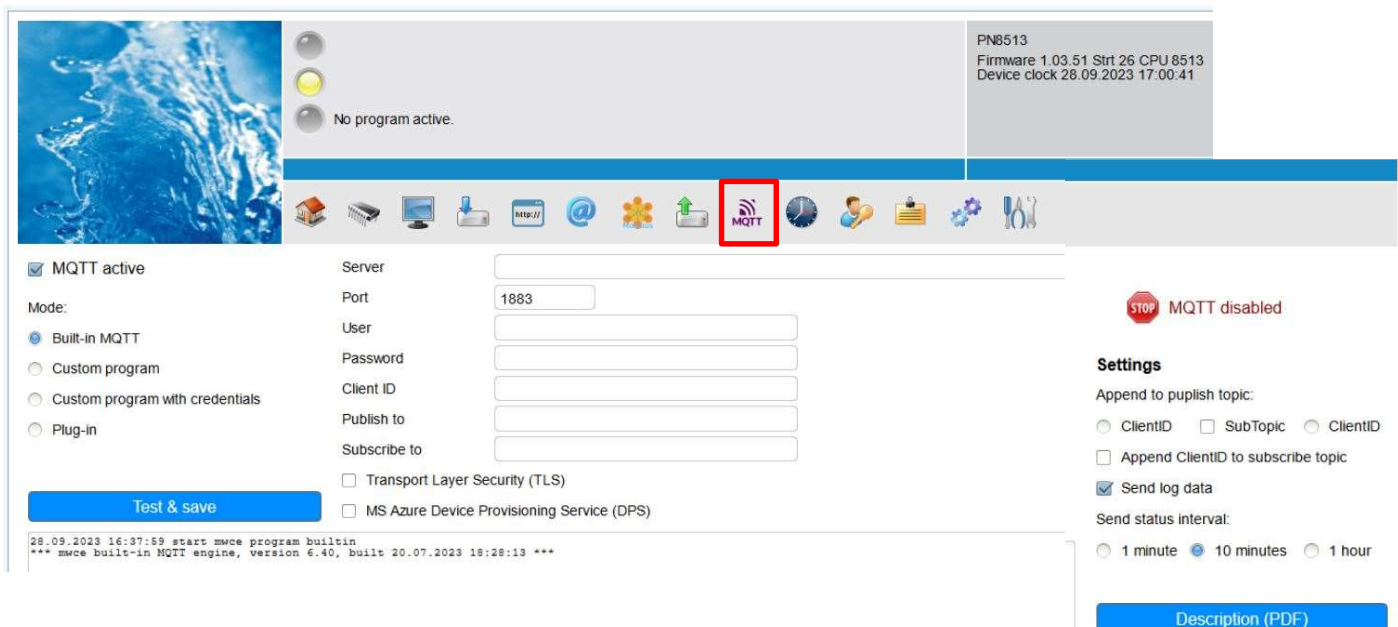
Sampler data can be sent automatically as CSV files to an FTP server.

Updates are always at fixed time points, 2 minutes after the period (to ensure that all data have been read from the device).
Example: if "every 4 hours" is configured, data will be updated at 00:02 o'clock, 04:02 o'clock, 08:02 o'clock etc.

If "after change" is set, a check for new data is executed every 5 Minutes, always at x:00 o'clock, x:05 o'clock etc.

9. MQTT

Here you can make the setting for the MQTT-protocol and you can directly test the connection. If you click on "Description (PDF)", you can download a short description, how the MQTT protocol works.



PN8513
Firmware 1.03.51 Strt 26 CPU 8513
Device clock 28.09.2023 17:00:41

No program active.

☒ MQTT active

Mode:

- ☒ Built-in MQTT
- ☐ Custom program
- ☐ Custom program with credentials
- ☐ Plug-in

Server:

Port:

User:

Password:

Client ID:

Publish to:

Subscribe to:

☐ Transport Layer Security (TLS)

☐ MS Azure Device Provisioning Service (DPS)

[Test & save](#)

STOP MQTT disabled

Settings

Append to publish topic:

- ☐ ClientID
- ☐ SubTopic
- ☐ ClientID

☐ Append ClientID to subscribe topic

☒ Send log data

Send status interval:

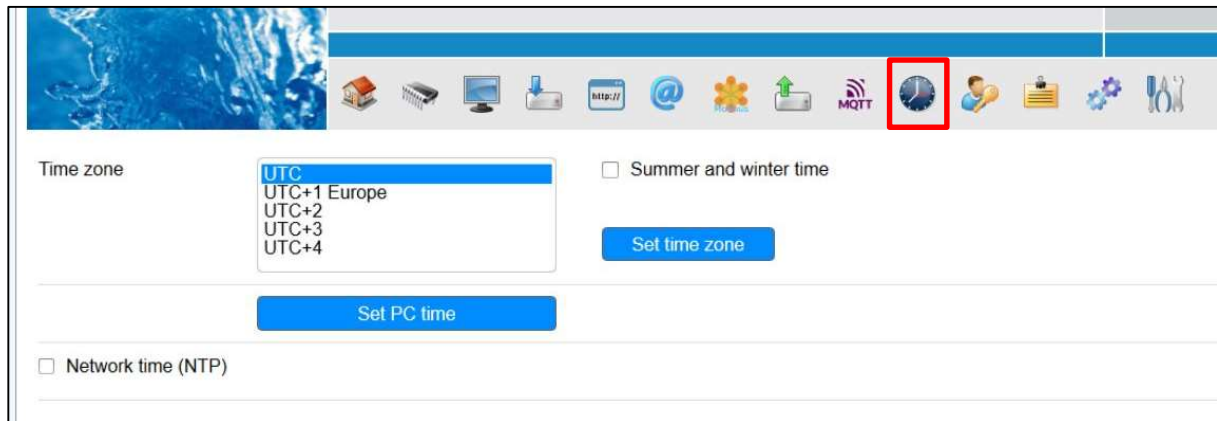
- ☐ 1 minute
- ☒ 10 minutes
- ☐ 1 hour

[Description \(PDF\)](#)

28.09.2023 16:37:59 start mwce program builtin
*** mwce built-in MQTT engine, version 6.40, built 20.07.2023 18:28:13 ***

10. Clock setting

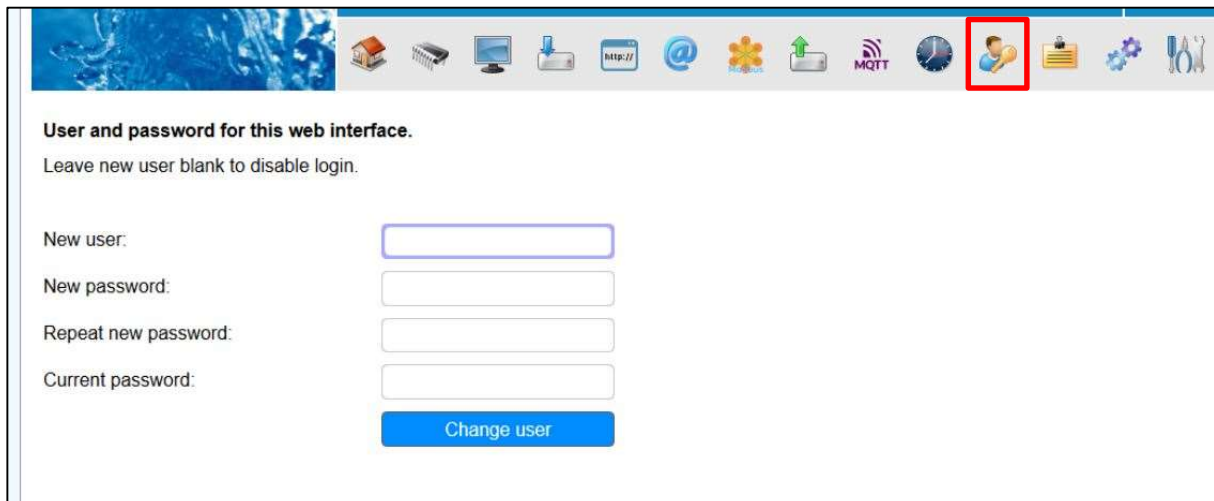
Here you can make the clock setting for the device



The screenshot shows the MAXX web interface. The top navigation bar contains various icons, with the clock icon highlighted by a red box. Below the navigation bar, the 'Time zone' section is visible. It includes a dropdown menu with options: UTC, UTC+1 Europe, UTC+2, UTC+3, and UTC+4. To the right of the dropdown is a checkbox labeled 'Summer and winter time'. Below these options are two buttons: 'Set time zone' and 'Set PC time'. At the bottom of the section, there is a checkbox labeled 'Network time (NTP)'.

11. USER

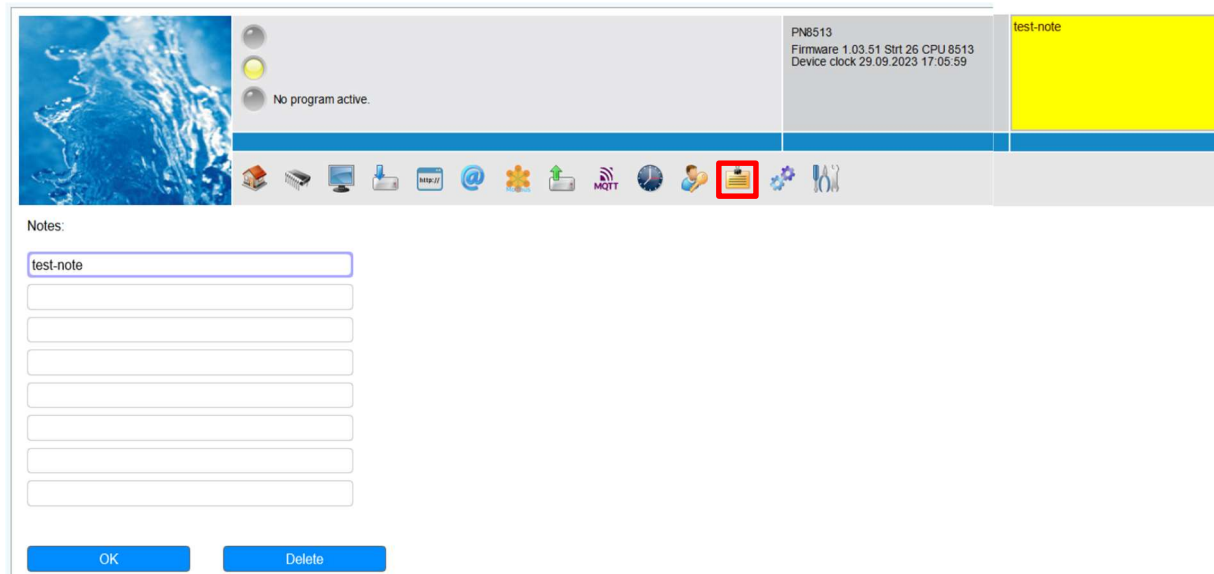
Here you can make the setting for the user. If you leave the field "New user" blank, the Login request will be disabled



The screenshot shows the MAXX web interface. The top navigation bar contains various icons, with the user icon highlighted by a red box. Below the navigation bar, the 'User and password for this web interface.' section is visible. It includes a note: 'Leave new user blank to disable login.' Below this note are four input fields: 'New user:', 'New password:', 'Repeat new password:', and 'Current password:'. At the bottom of the section is a button labeled 'Change user'.

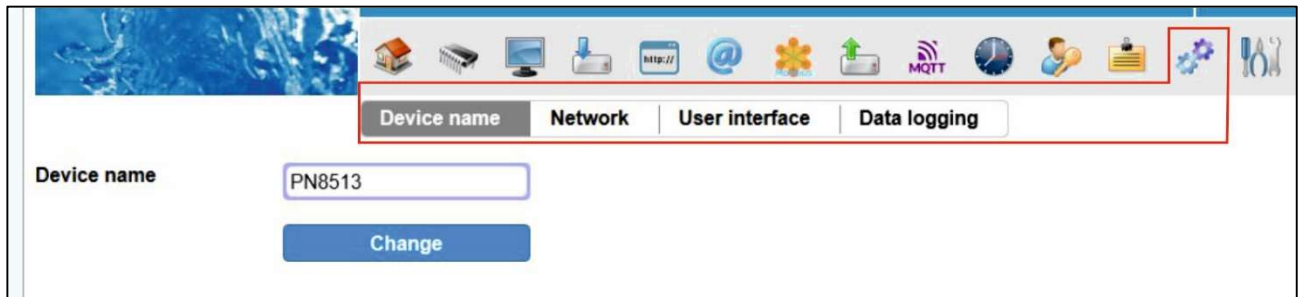
12. MESSAGE

Here you can write free notes for each device, which will then be displayed highlighted in yellow, in a window at the top right



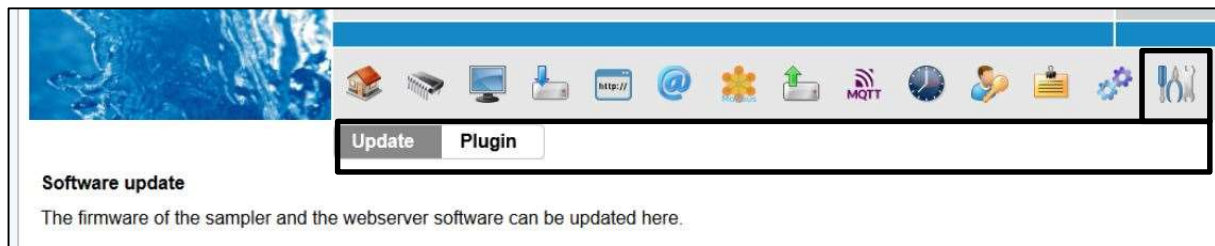
13. SETTINGS

- **Device Name:** you set any device name
- **Network:** you can make the setting of the Network
- **User Interface:** setting the language of the user interface
- **Data logging:** setting of data logging of the temperature board

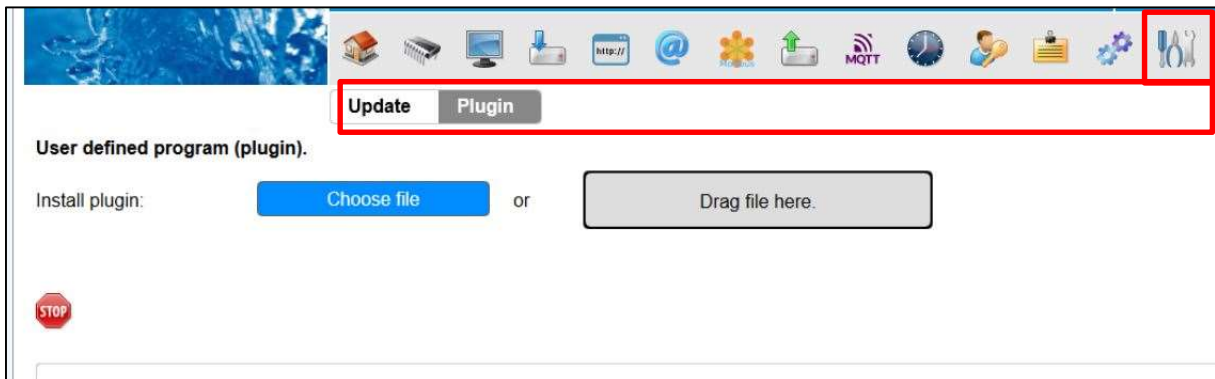


14. SYSTEM

- **Update:** here you can make a firmware-update



- **Plugin:** here you can install a user defined plug-in



15. LOGOUT

Click on the door at the right side of the icons to Log-out

