STEP

5

airpointer

airpointer

airpointer

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The User Interface of your airpointer is completely implemented in the software and all you need is a web browser! In terms of networking, the airpointer can be regarded as a server providing special services by its various connectors.
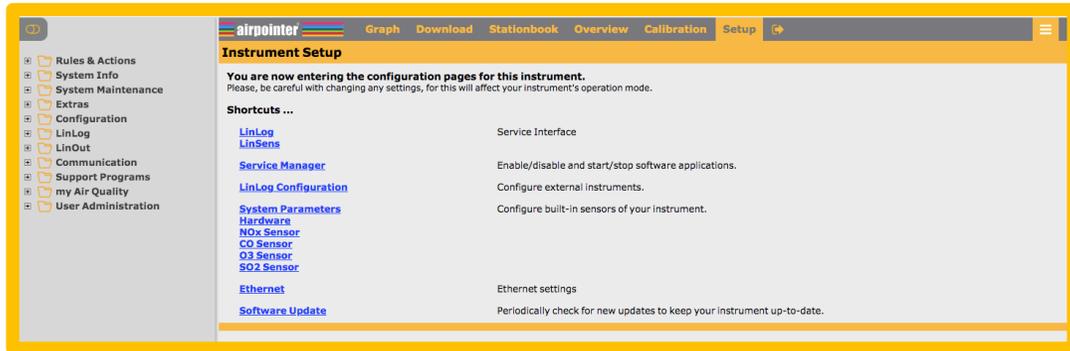
The connection with airpointer ;

- ✓ can be established directly with a cross patch cable,
- ✓ can be established as member of a local network,
- ✓ or can be established over an Internet connection.

Supported web browsers are listed below:

For Microsoft Windows™
Internet Explorer (version 11 or above)
Mozilla Firefox (version 52 or above)
Google Chrome (version 57 or above)

For Linux
Mozilla Firefox (version 11 or above)

For Mac OS
Mozilla Firefox (version 11 or above)
Safari (version 9 or above)

! Java Script must be activated on your web browser.

! It might also be possible to use other browsers like e.g. Opera

! Older versions of the mentioned browsers might work as well, but these may not display the website 100% correctly.

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STEP 5 – USER INTERFACE

1 Make sure the airpointer is up for at least 3 minutes to have the internal computer running. Connect your Laptop with the delivered cross patch cable with the LAN connector in the maintenance door and power it up.

2 The Laptop will now receive an IP address from the airpointer. Open a browser and type in the address/URL bar:

<p style="text-align:center;color:orange;">172.17.2.140</p>

Type the link and search

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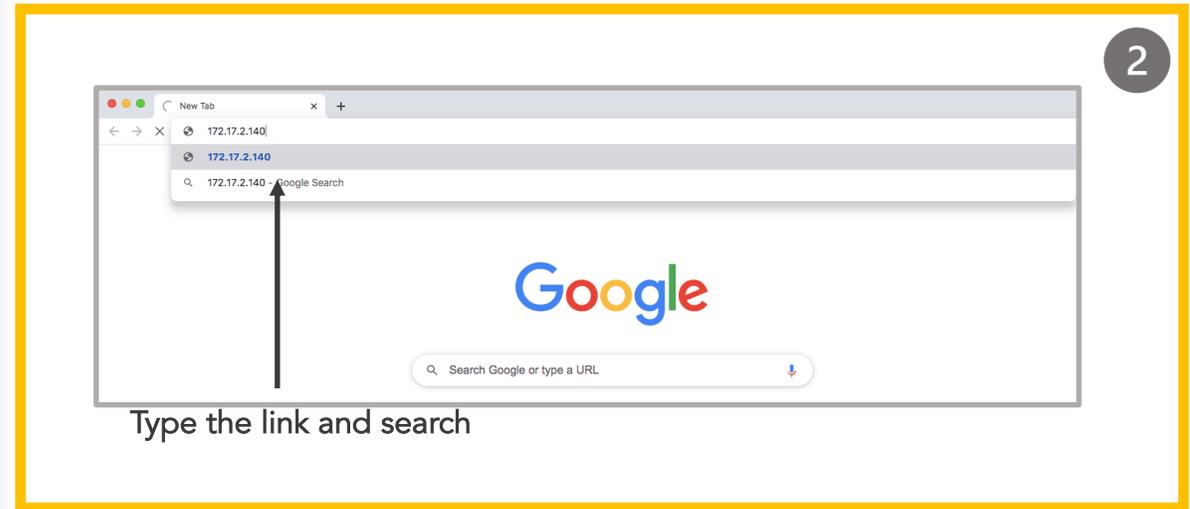
STEP 5 – USER INTERFACE

3 For login to the 'user interface' you have a preconfigured username and password, which is:

User: admin Password: 1AQuality

IMPORTANT

! The login data are transmitted encoded to guarantee a save data handling. Now it is up to you to have your data safe.

! All airpointer users know this password and can connect to your airpointer and play around your instrument and its data. For safety reasons change the password for admin IMMEDIATELY!!!

How to change the admin password is explained in the next steps.

Username and Password

4 Change the password after the log-in. Click on 'Setup' and then go to the menu sign that is on the right up corner of the page. Click on 'User Administration' and then 'Personal Settings'. Change the password by typing your preferred password.

! Guidelines for the password are important. Please follow them when choosing a new password.

5 After changing the password , log out and relogin to activate the new password.

6. Relogin

1.Setup

2.Menu

3.User Administration

5.Change Password

4.Personal Settings

! Guideline for the password

STEP 5 – USER INTERFACE

Connecting your laptop with the airpointer via the Recordum portal:

NOTE: This is available only after the you have configured the modem and/or the system LAN setup!

Write the link below on your web browser and search. The link for the airpointer user interface is the following:

https://airpointer-YYYY-00123.recordum.net/

The first 4 digits show the year the airpointer was produced, and the following 5 are the serial number of your airpointer. For example for an airpointer that was produced in 2018 with the serial number '999', the link should look like;

https://airpointer-2018-00999.recordum.net/

! Make sure that you can log in as an administrator at your laptop and at the airpointer.

Type the link and search

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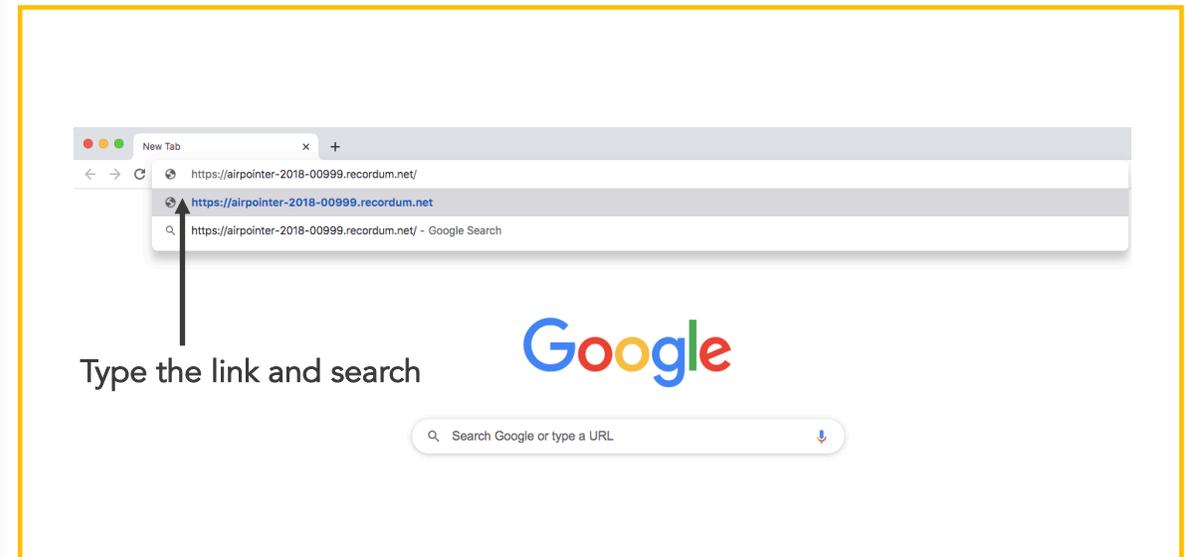
6 After the relogin to the interface, see the red error message that is on the top of the page. In the User Interface, deviations of the measurement values outside the chosen warning and failure limits are shown. Do not click on the error message at this point.

! The fail or warn sign is shown as red FAIL and orange WARN, respectively, overhead in the User Interface. (If you click the sign you will get to the LinSens Service Interface with further details (LinSens is later explained) . Failure messages are written in red and warn messages in orange.)

Message Colour Meanings:
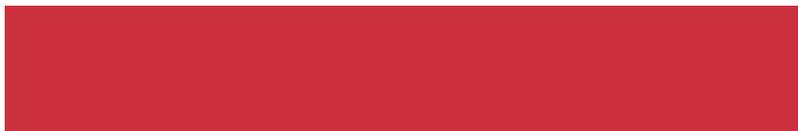
   	FAILURE
   	WARNING

Error Message in Red

STEP 5 – USER INTERFACE

7 Wait until all warn and fail signs cease in the interface. This might require 15 to 30 minutes depending on the configuration. Then the green LED in the maintenance door lights and the airpointer is ready for operation.

8 Check the measured values on the interface, whether they are plausible (especially the temperature). All values should be within the chosen limits.

7

Green LED: Status OK

Error
Warning
Status OK
Maint. ON
Maint. OFF

8

! The value -9999,0 is equivalent to a non-existing or inoperative value, analogue to MS Excel.

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STEP 5 – USER INTERFACE

GET FAMILIAR - USER INTERFACE

You can read this part before or after the first operation of your airpointer and later explore the user interface. More information on the User Interface can be found on the https://www.airpointer.tech/manuals/   or www.airpointer.tech.

In the User Interface you will find the modules below;

Graph: It enables the presentation of measurement signals

Download: In the module Download selected measurement data can be downloaded in chosen time frame. The download configuration can be saved locally.

Stationbook : This module provides a notepad for you.

Overview: This module is designed to give a quick summary of selected parameters. You can see your device's measurement data at a glance.

Calibration: The module 'Calibration' provides you with the items "'Valve Control"' and "'Calibration"'. With "'Valve Control"' the valves of the internal zero measurement and the internal span control (optional) can be controlled. In the menu "'Calibration"' the setpoints for the calibration can be set and the calibration can be tracked.

Setup: The module 'Setup' provides system information, configuration of sensors, system and interfaces of the airpointer. Furthermore, user management of the User Interface to the airpointer is available here.

Menu: Menu for each module can be found on the right top side of the page and it is shown with 3 lines.

Log Out: Click this tab to leave the User Interface of airpointer

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Two important sub-sections on the User Interface are LinSens and LinLog. Let's get to know these two sections before moving forward.

1 We reach these two sub-sections from 'Setup'. LinLog Service Interface provides current data of airpointer's logger. Clicking the link displays the LinLog Service Interface in a new window. (You can also reach the site, if you write your airpointer's IP-address/linlog into your browser's address bar.) What you will find in LinLog's sub-sections:

Home : This is the homepage with reference to the manufacturer.
Raw Values : Read in current values, arranged in groups.
Actual Values: Computed current values, arranged in groups.
Calibration: Choose group of calibration values
Average 1: Averaging of the computed current values for average 1, arranged in groups.
Average 2
Average 3
Software: This page shows you some software parameters like software version number.
RS232: Here you can check the communication via the COM ports.

2.LinSens and LinLog   1.Setup

Sub-sections in LinLog

LinLog

STEP 5 – USER INTERFACE

2 The LinSens Sensor Service Interface provides current sensors data of the airpointer. Clicking one of these links will open the LinSens Sensor Service Interface in a new window. The first line shows the operation mode of the airpointer. Normal operation in black letters means everything is functioning well. Normal operation in red letters additionally displays the values considered to be faulty.

3 Let's choose sensor NOx here (you can see all the sensors and also the system values in the same way). You will see the current data of the sensor module NOx. Colour codes in LinSens will inform you about the warnings, values that exceed the limit or maintenance warnings. If all the values are normal and there is no warning/error then you will see these data in green. Here are the meanings of the colours and examples:

OK
WARNING
MAINTENANCE
ERROR

LinSens Service Interface [Garden Airpointer],

Home Actual Average Calibration NOx CO O3 SO2 MultiPM MultiGas 1 System_Values Status StatList Software Hardware RS232

Start Page

Welcome to the start page of the sensing part of your device. This page gives the operator the opportunity to check raw and actual values, automatically updated every some seconds
If you are accidentally on this page, be aware that the values displayed here are not final values, they can be easily interpreted in a wrong way !

Software Version: 2.282c 26.Jan 2021

This document is generated by linsens, the sensor part of the rOSy system Copyright by www.mlu-recordum.com

Sub-sections in LinSens

LinSens   1. NOx

LinSens Service Interface [Garden Airpointer], -> please check, you have warnings (1)

Home Actual Average Calibration NOx CO O3 SO2 MultiPM MultiGas 1 System_Values Status StatList Software Hardware RS232

WARNINGS

MAINTENANCE

NOx data in green, It's in the limits   OK

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② ③
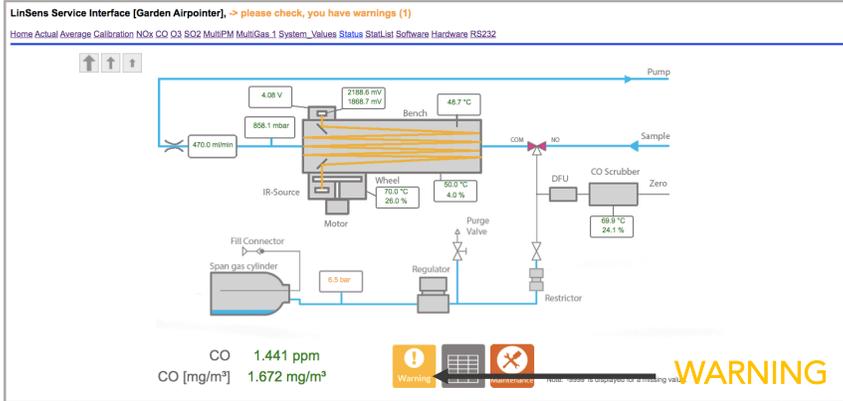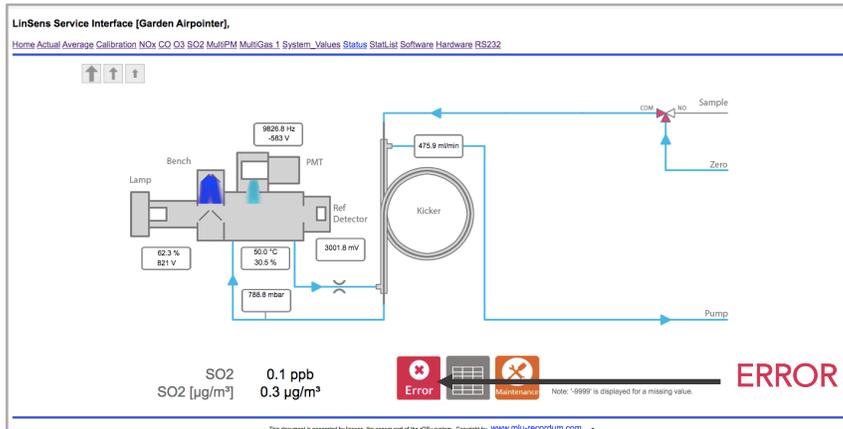
Example:
CO
Sensor

Example:
SO2
Sensor

④ Some other sub-sections are in LinSens are 'Actual System Values', 'Average values' and 'Status'. Here you will see the real time or average data on your sensors.

④

Status

Warning on CO sensor

Actual Values

Average Values

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