LiberdApp

User manual for remote access activation

V1.0, 6.6.2024

1. Introduction

LiberdApp is an application designed to simplify the management of our own developed devices. With *LiberdApp*, you can discover devices on the local network and control them, from door navigation to sensor calibration, all in one place. Additionally, you have the capability to grant limited remote access to technicians, which can be incredibly useful for troubleshooting, maintenance, or diagnostics. *LiberdApp* is your comprehensive solution for managing and optimising device performance.

More info: https://liberda-sensortechnik.eu/liberdapp
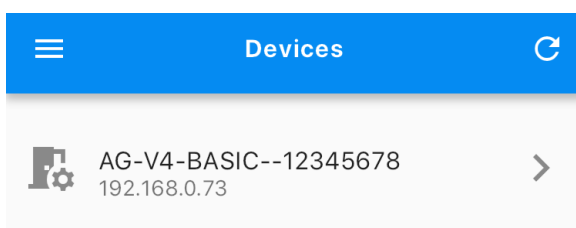
2. Initial configuration

When you're using your newly set up device for the first time, you'll need to adjust these initial settings:

1. **Connect to the device's access point (AP)**

   - Open the Wi-Fi settings on your phone.
   - Search for the device's AP, which is named based on the device type, serial number, and firmware version (e.g., *"AG-V4-BASIC—12345678—V4—def"*).
   - Connect to the device's AP using the default password *"calypsowlan"*.
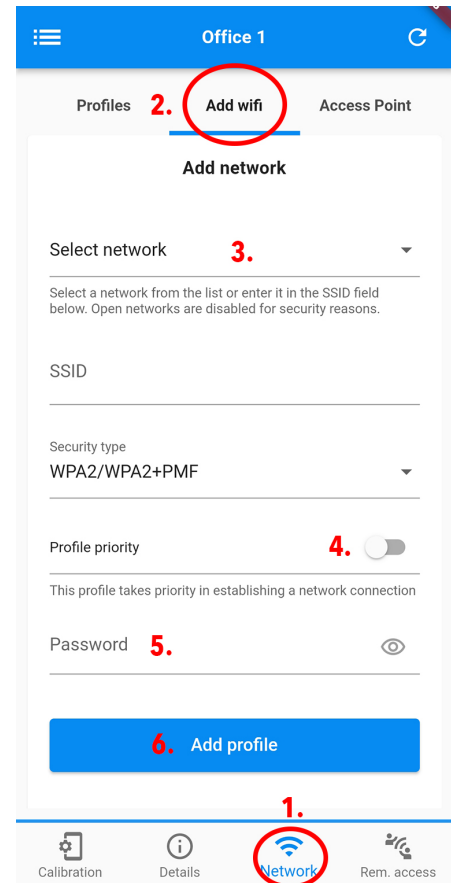   - If your phone asks for confirmation to connect, select YES

2. **Find your device**

   - Launch the *LiberdApp* application.
   - If you are connected to the device's AP, you'll find your device listed on the startup page.
   - Otherwise please refresh the list by pulling it down or clicking on the refresh icon on the top right corner.
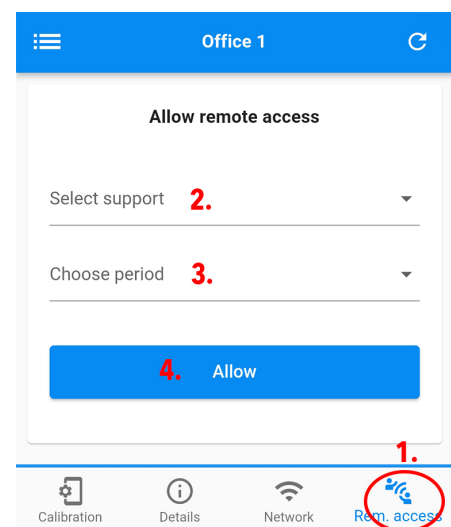   - Click on your device to access its details and settings.

3. Connect to the Local Network

- On the bottom navigation bar select the *Network* tab. (1)
- If you see an empty *Network profiles* list, it means no networks are currently stored.
- To add a new network, click on the *Add Wifi* tab at the top. (2)
- Choose your local network. If the list is empty or it does not contain your network, wait a few seconds, and then reopen the list. It periodically refreshes the list of available networks. (3)
- The *Security type* will be automatically filled out from the chosen network's information.
- Turn on the *Profile priority* switch. This ensures that your device prioritizes this network if multiple networks are stored. (4)
- Enter your network's password (5) and click the *Add profile* button. (6)
- After successfully storing the network profile, a warning dialog will appear, suggesting a reboot of the device.
- Press the Restart button. The reboot may take 1-10 minutes.
- **You can close the application and wait for the technician to call you.**
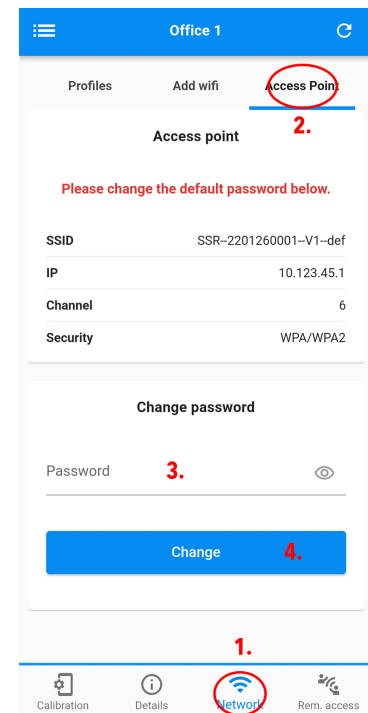
3. Remote access

- On the bottom navigation bar press the *Rem. access* tab. (1)
- Select an active technician from the list. The list is constantly updated, so if you don't find the person you want, close and reopen the list. (2)
- Choose connection period. This determines how long your device can be available to our technician. (3)
- After successful approval, the technician's details are displayed. **Our technician will contact you with the next steps.**

4. Change default AP password

- **To increase security you should change the default access point password to your own.**
- Open *Network -> Access Point* subpage.
- Enter your new password at the bottom of the page, which you can use to connect to the access point of the device.
- After changing the password, a warning dialog will appear, suggesting a reboot of the device.
- Press the Restart button. The reboot may take few minutes.

- **Please remember your new password because the default password will no longer be valid!**

5. Restart your device

A restart is required for all the changes to take effect. There are three ways to restart your device:

- from a pop-up window after modification
- from the colored warning box
- with the button at the bottom of the details page

After reboot, the access point stops and the device connects to the local network. The connection between your phone and the device will be lost. If your phone is also connected to the same local network, refresh the device list in the app.