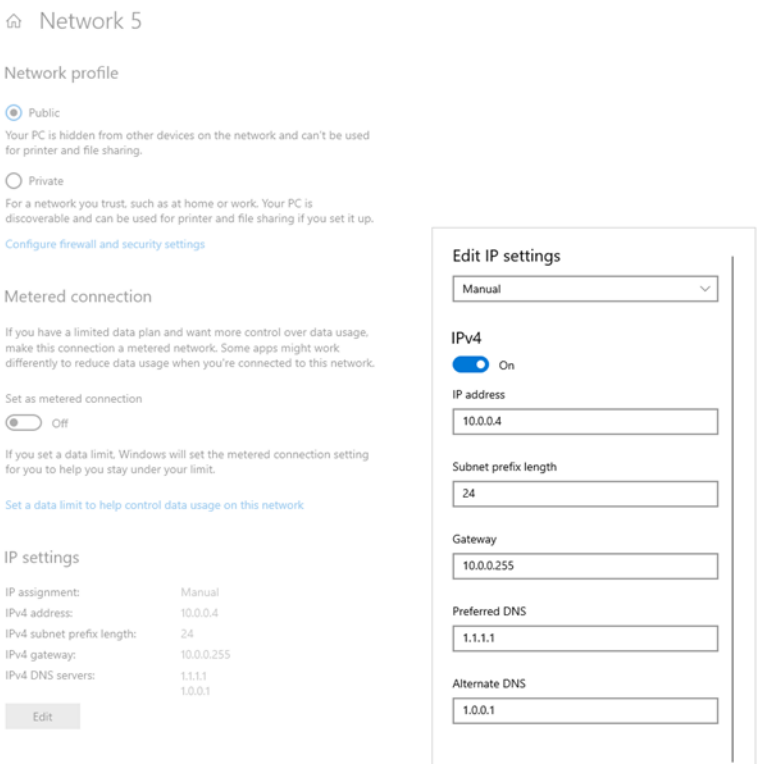
Connect your device to the rear RJ45-port (MGMT) of the AL900. Set the IP of the connected port of your device to an IP in the range of 10.0.0.0-10.0.0.255 (such as 10.0.0.4), excluding the IP 10.0.0.2. The netmask should be set to 255.255.255.0 (24).



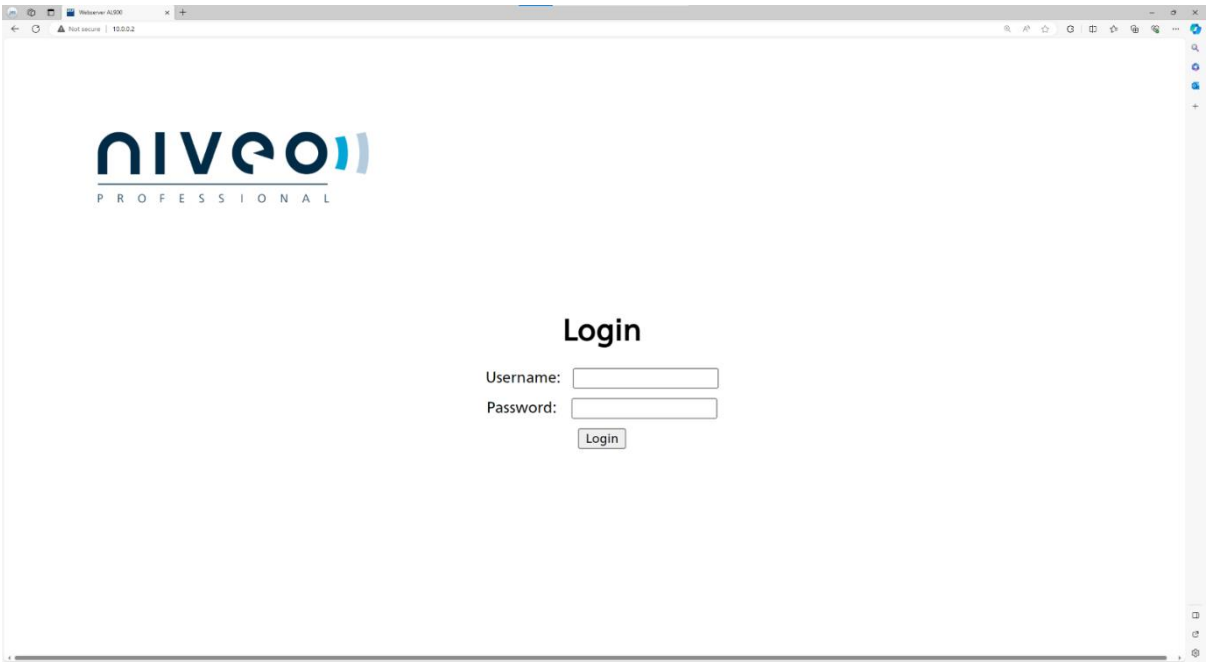
*Screenshot **1**: Example of valid network settings*

Connect to the web interface by entering the IP 10.0.0.2 in your web browser. HTTPS is supported with a self-signed certificate, which you need to allow prior to connecting. Alternatively, HTTP should work fine.

Logging in

Log in with following credentials:

username: admin
password: admin

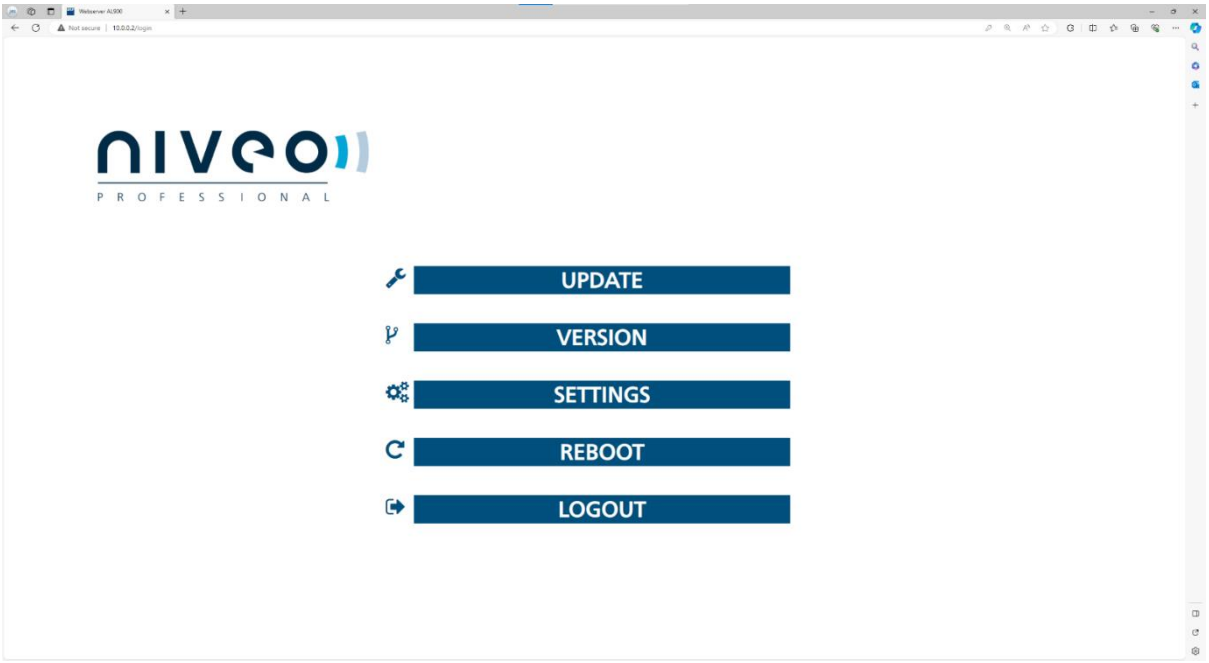


Screenshot 2: Login page of the webserver

After logging in you should arrive at the landing page of the webserver. Here you will find a few menu options such as UPDATE, VERSION, SETTINGS and more.

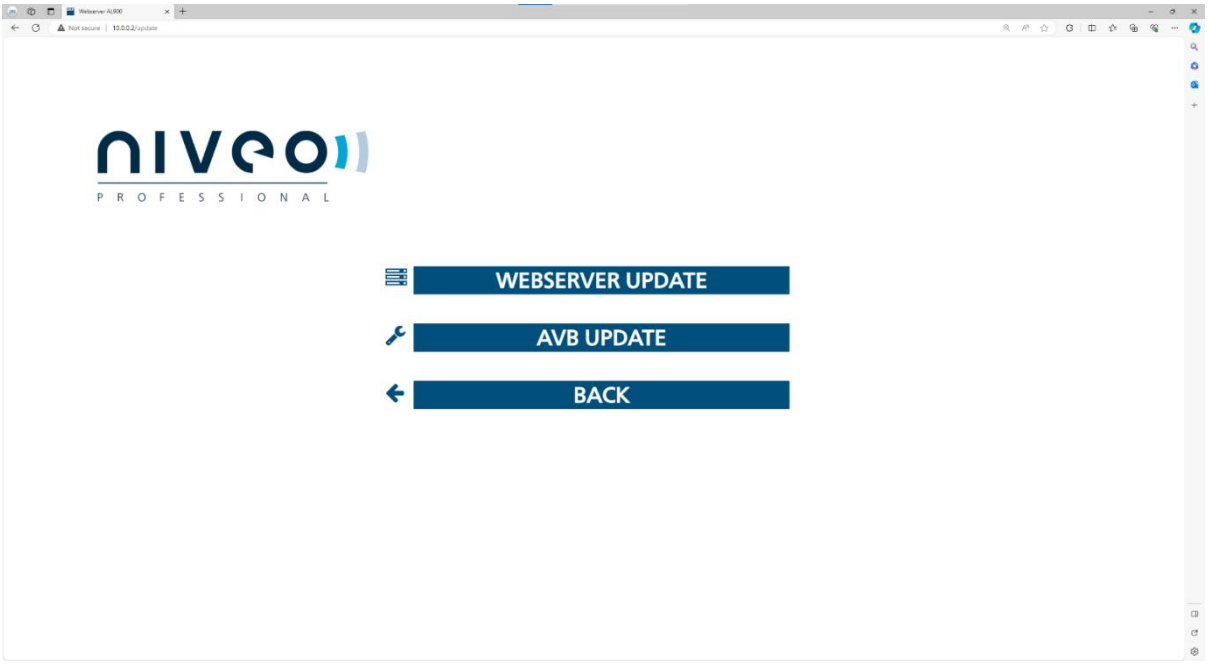
Updating the AVB software

After logging in you will be greeted by the following landing page:



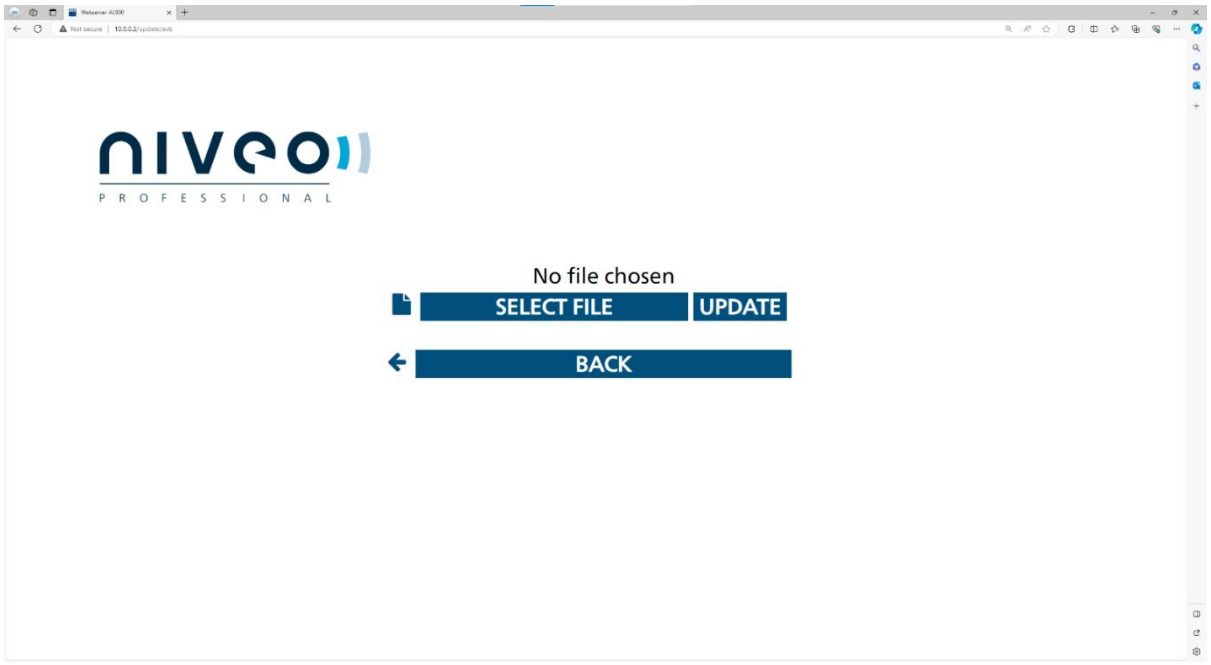
Screenshot 3: Landing page of the webserver

Here, you can perform an AVB update by executing the following steps.
First, click the UPDATE button to get to the update page:



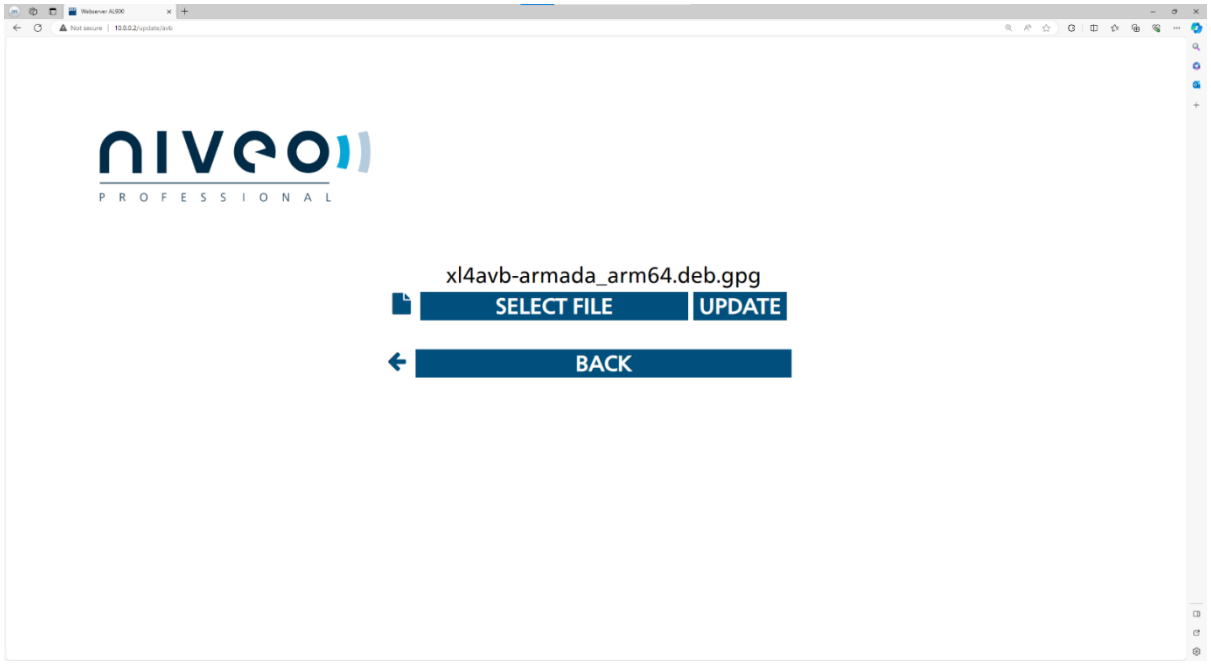
Screenshot 4: Update page of the webserver

Click on AVB UPDATE to get to the AVB update overview:



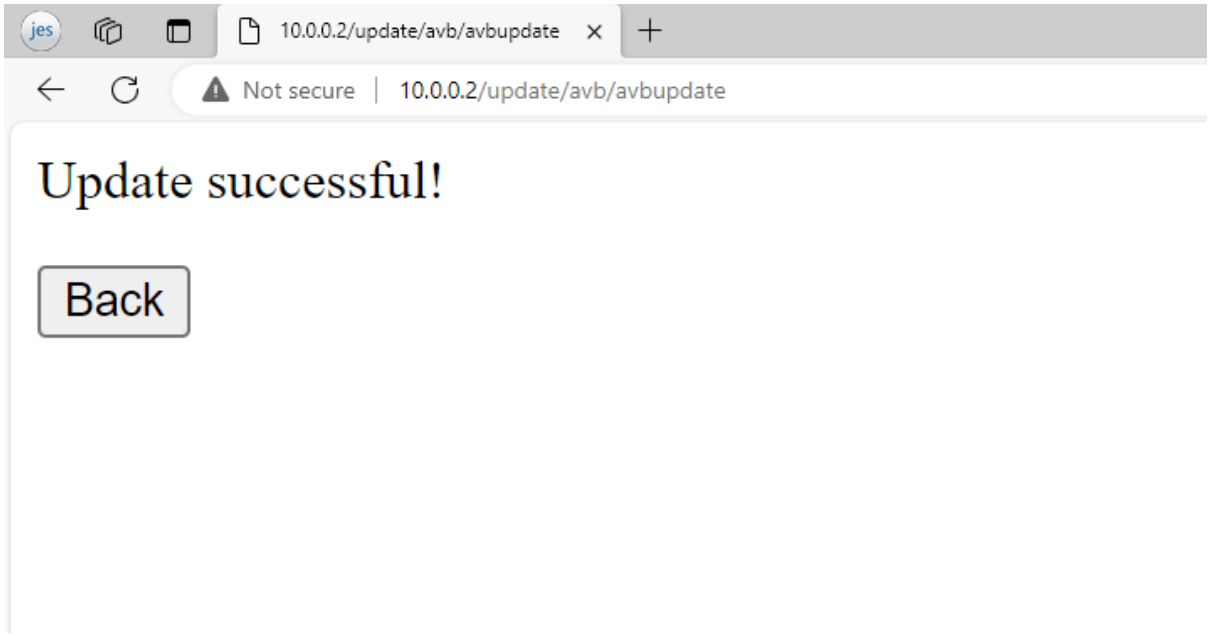
Screenshot 5: AVB update page of the webserver

Now you can click on select file. This will open your standard file browser, allowing you to select a file for upload. Please select the xl4avb-armada_arm64.deb.gpg file provided to you.



Screenshot 6: AVB update page of the webserver with update package being selected

Lastly you need to click on “UPDATE” to update the AVB software of your device. A loading symbol should appear. After a few seconds you will be redirected to the following page, if the update was successful:



Screenshot 7: Successful update attempt

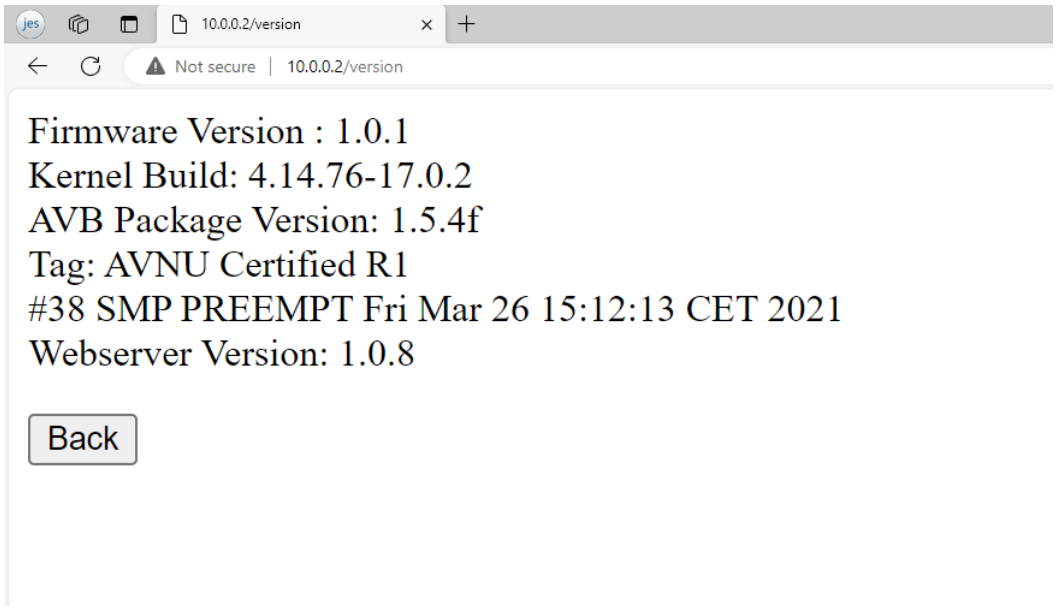
The Back button will bring you back to the landing page described earlier.

Updating the webserver

The procedure for updating the webserver is mostly the same as for the AVB update. To update the webserver, you need to navigate to the UPDATE tab. Here you will find the option UPDATE WEBSERVER. Selecting it allows you to upload the latest webserver file provided to you by EKF. By clicking SELECT FILE your file explorer should open, allowing you to upload the WebserverAL900.tar.gz file. After selecting the file, a text label should appear saying “WebserverAL900.tar.gz”, confirming that the correct file was selected. Lastly, you need to click the UPDATE button to initiate the update. During the update, the webserver will restart, requiring you to log in again once it is finished. The “Back” button will redirect you to the login page. If the update was successful, the webserver will write the message “Updating server!”.

Checking the webserver and AVB version

After updating the webserver and the AVB software, you should confirm that the update was successful. To do so, you can select the VERSION tab on the landing page. Here you should see the following software versions (as of 2024-03-12).



Screenshot 8: Example of the version output

You should make sure that the AVB Package Version and Webserver Version match the information provided to you (as of 2024-03-12: 1.5.4f for AVB and 1.0.8 for webserver).

Further configuration of the AVB software is possible by using the configuration options in the SETTINGS tab, which you can find on the landing page. This allows you to switch between AVNU and MILAN standards for example.