



ADL110B - ADL120 – ADL130

Optimizing iOS WiFi performance

Version 1.00

14.05.2015

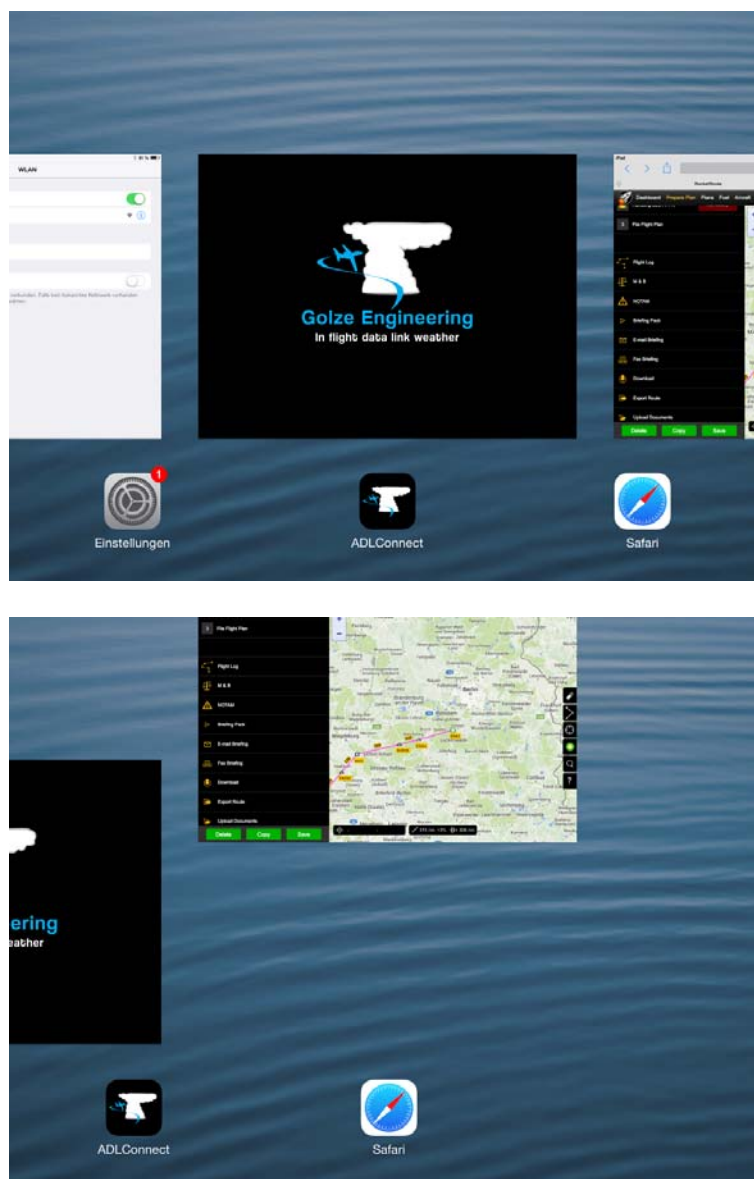
1 General Description

This manual gives some hints on how to optimize the WiFi performance of your iPhone or iPad when connected to the ADL110B, ADL120 or ADL130.

2 Terminating background apps

Some apps running in the background will try to transmit data over the ADLConnect WiFi. This might congest the WiFi link reducing the performance of the ADLConnect app. So we suggest terminating all apps which you do not require in flight.

In order to close apps please double press on the "Home" button below the screen. Then push up, out of the screen all apps which are not required. This terminates the app and removes it from the background.

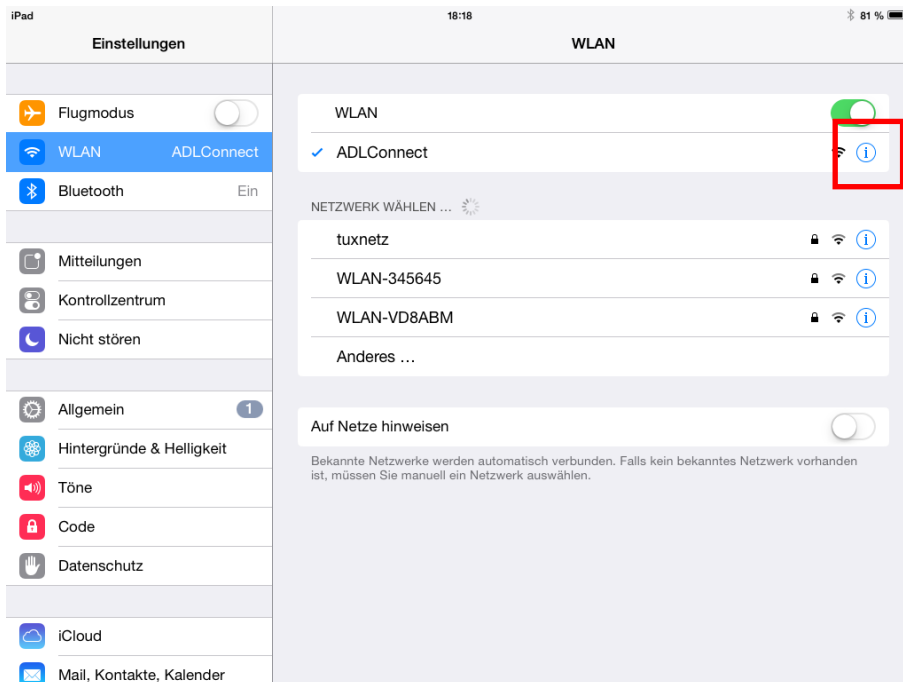


We suggest to repeat this process each time before you go flying or experience any performance issues with your WiFi link.

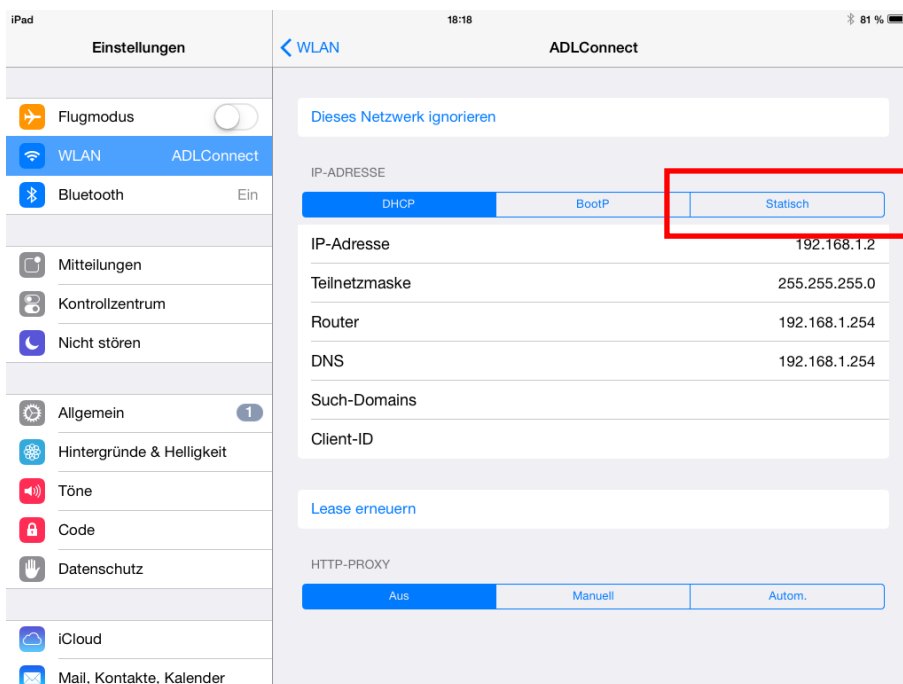
3 Speeding up the WiFi logon

The iPhone or iPad needs some time to establish the WiFi link. This process can be optimized if you set a so called fixed IP address. The following screenshots illustrate this process.

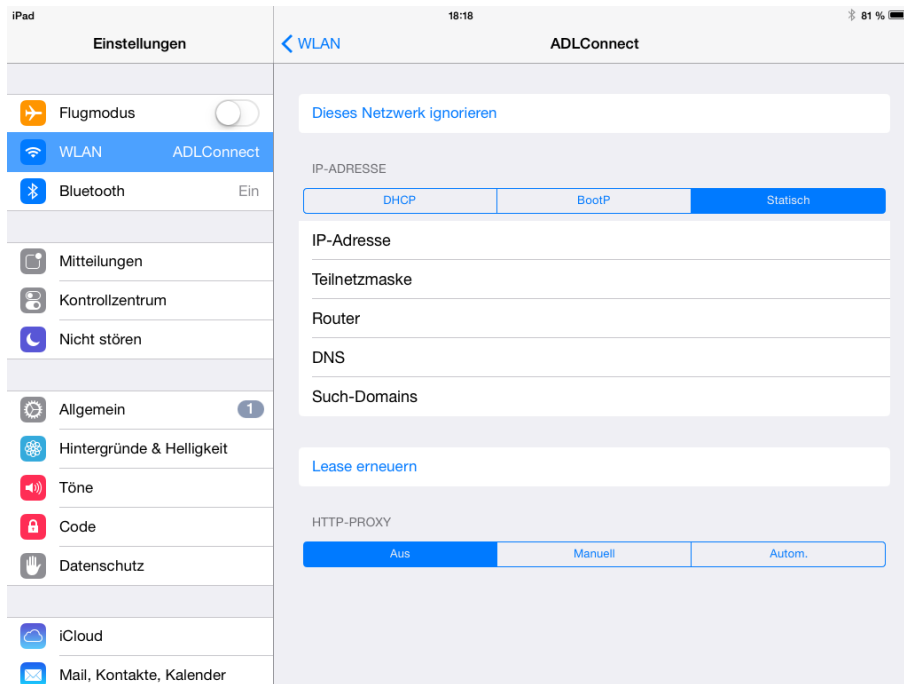
Step 1 Make sure you are connected to the ADLConnect WiFi. Then click the little “i” symbol on the right side.



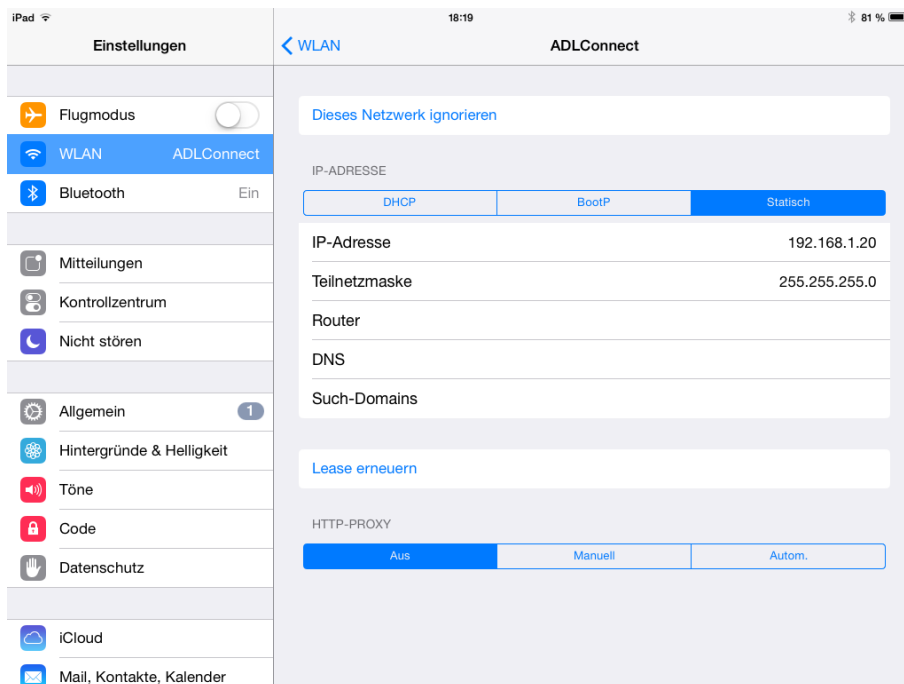
Step 2 On the following screen select “Static” on the right side



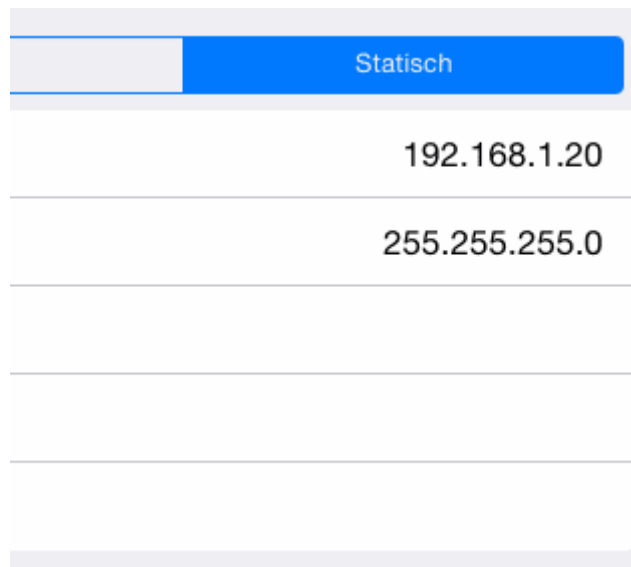
Step 3 Now the screen should look like this screenshot and you can proceed entering the values manually.



Step 4 Please enter the values as shown below. Leave empty the other fields. If you have more than one iPad/iPhone connected to your ADL device count up the IP-Address. So the second device would get 192.168.1.21, the third 192.168.1.22 etc.



Close up view of the values required. Please pay attention to enter everything exactly as shown with the dots etc. Little differences do matter.



The image shows a close-up of a WiFi configuration interface. At the top, there is a blue header bar with the word "Statisch" in white text. Below this, there are several input fields. The first field contains the IP address "192.168.1.20". The second field contains the subnet mask "255.255.255.0". There are three more empty input fields below these, and a grey bar at the bottom of the screen.

Step 5 After entering all fields close the WiFi configuration with the home button and switch of to the ADLConnect app in order to use your ADL110B, ADL120 or ADL130

This configuration is permanent and does not have to be repeated the next time you use the ADL110B, ADL120 or ADL130.

4 Contact

Golze Engineering
Dr. Sebastian Golze
Bredowstr. 29
10551 Berlin

<http://www.ing-golze.de>

adl@ing-golze.de
+49 30 39805204