DroiDash-K is a Dashboard App for Android. It displays ECU and Sensor Data in realtime. To connect to the ECU you need our WiFi-Interface.

System Requirements:
Android Device with WiFi Interface running Android 4.0 +
Doctronic.at ProECU-K WiFi-Interface

Status LED

Connection to the ECU

Connect the WiFi Interface to the ECUs or Expansion Boxs Expansion Port.

Expansion Port

Setup Android Device

The WiFi Interface communicates with the Android Device by Wireless Lan. Beside of just finding the WiFi Interface (it acts as Host) it's necessary to set the communication parameter exactly to make the communication work.

Open Settings -> WLAN -> Scan for Networks

The Network "**ProECU-K WiFi**" should be found.

If not, please check the ECU is powered on and on the WiFi Interface is lit or blinking.

When ask for the **Password**, enter "**12345678**" to connect to the Network.

Now change the setting of the Network "ProECU-K WiFi" by Click and Hold on its line.
You should be asking to modify the Network Configuration.

The Network Configuration is now shown on the screen. If the "show advanced Options" isn't checked, check it now.

Set the IP Settings to "Static",
the IP Address to "10.10.100.100",
Gateway to "10.10.100.254",
Network prefix length to "24" and
DNS 1 to "10.10.100.254"

Probably the settings are already correct except for IP Settings "Static" and the IP Address could be different.

ProECU-K WiFi

Status
Connected

Signal strength
Excellent

Link speed
72Mbps

Security
WPA2 PSK

IP address
10.10.100.100

Password
(unchanged)

☑ Show password

☑ Show advanced options

Proxy settings
None

IP settings
Static

IP address
10.10.100.100

Gateway
10.10.100.254

Network prefix length
24

DNS 1
10.10.100.254

DNS 2
4.4.4.4

Cancel   Save
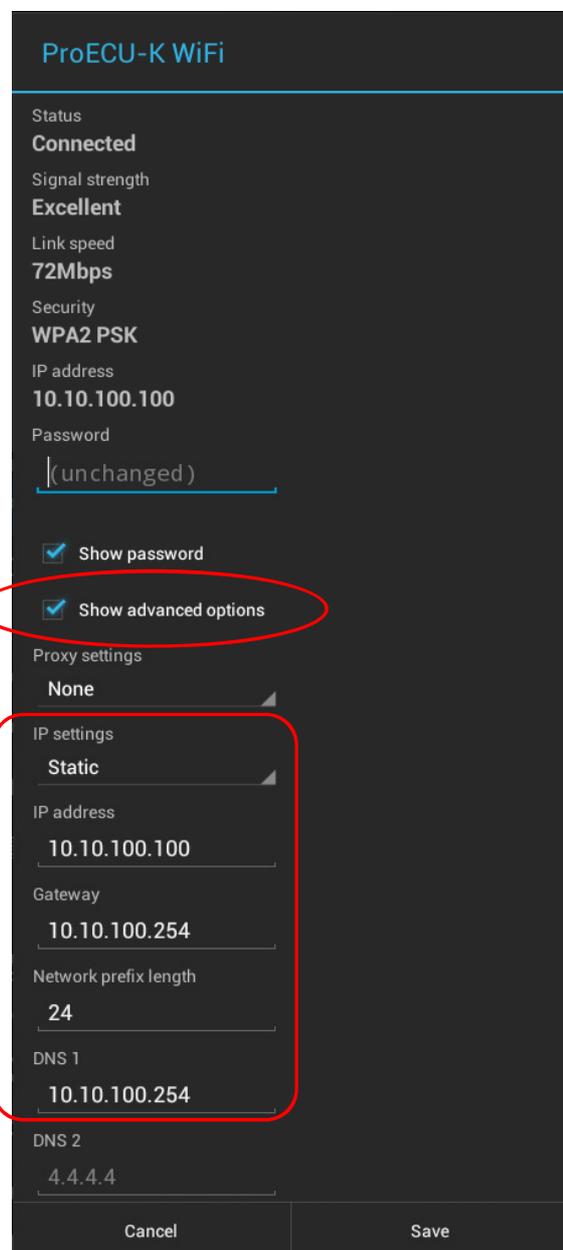
Now start the DroiDash-K App and go the Setup page.
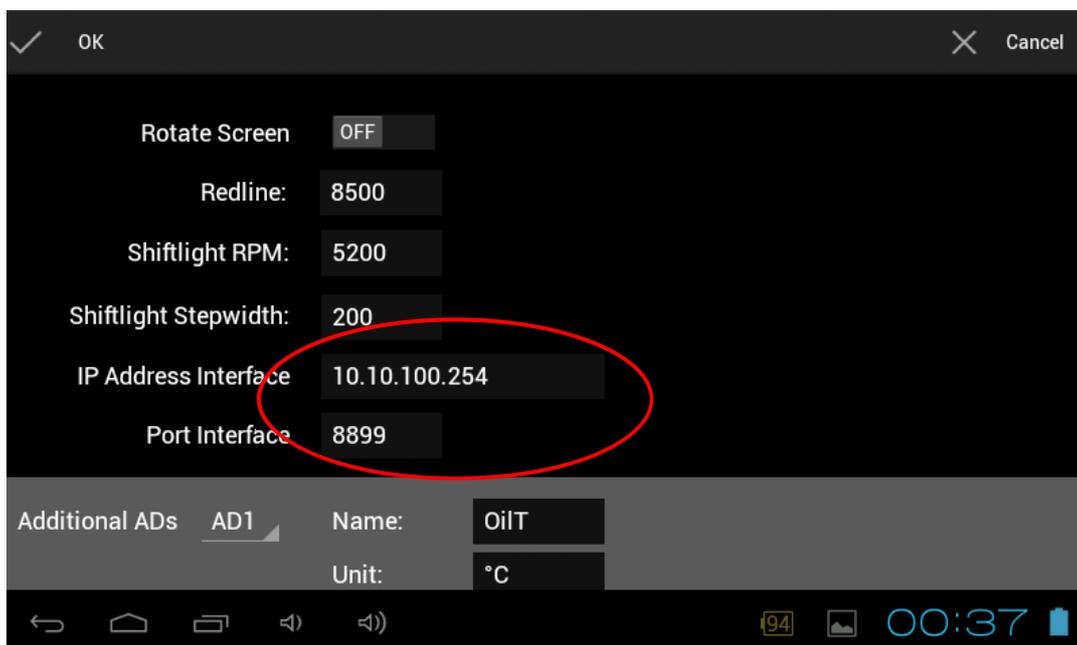
The IP Address of the Interface and the Port Number of the Interface have to match the settings in the WiFi Interface. The default values are already set to the default values set in the WiFi Interface when delivered.

Its absolute necessary to set all the parameters to the here given value, otherwise the communication can not established.

WiFi Interface Settings (only for advanced Users)

You can change the network setting of the WiFi Interface, too. It's only recommended to do this when you really have a good knowledge of Network Technology, WiFi, TCP/IP.
If you change parameters it's possible that you cannot access the ECU or WiFi Interface anymore. Than you need to send it in to reset to the default values.

To connect to the WiFi Interface open the IP Address of the Interface (default 10.10.100.254) in a browser.
The default **Username** is "**Admin**" and default **Password** "**Admin**".

Please only change the **green** marked values and leave the other alone. The other parameters are set to make the hardware work probably.