DSQ3K User Mode – software manual

1) On delivery the device is configured as following:
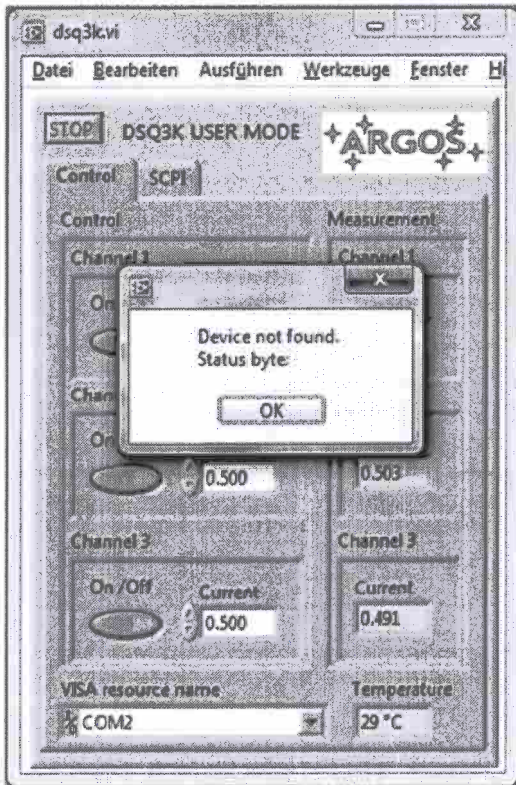   - IP Adress: 130.183.138.79
   - Operating Settings: Real COM mode.

   To change the IP address, enter the IP address in a browser and configure the Ethernet interface. See the Moxa NE-4100 manual for further details.
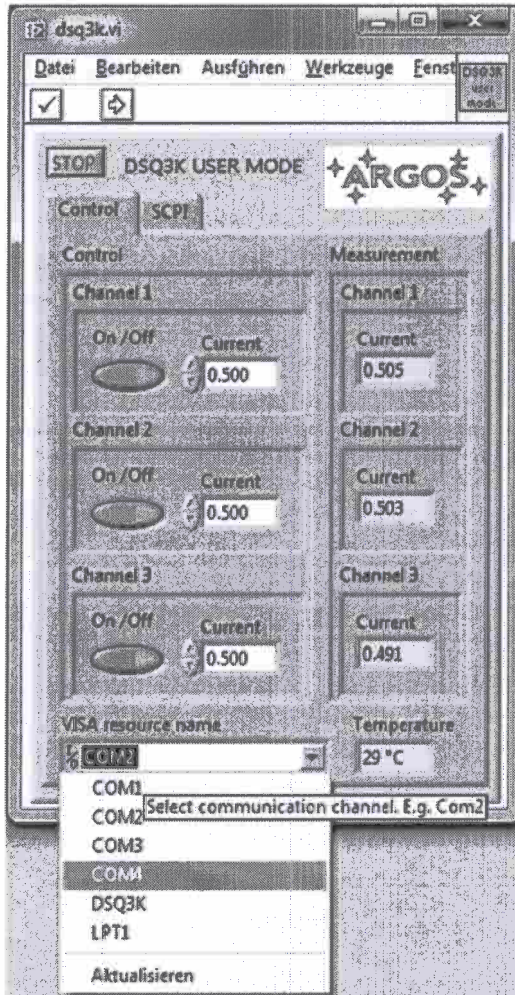
2) To operate the user mode software, you have to install the following runtime engines:
   - National Instruments LabView 2009 9.0.1 runtime engine
   - VISA runtime engine
   - Restart if required
   - Start "dsq3k_user.exe"

3) Some seconds after starting the program, you might get an error message "Device not found". Press "OK" and acknowledge the next message with "continue".

4) Now select the VISA resource. If you operate the device in RealCom-mode (delivery standard) this will be the Com-port of the embedded moxa serial device server.
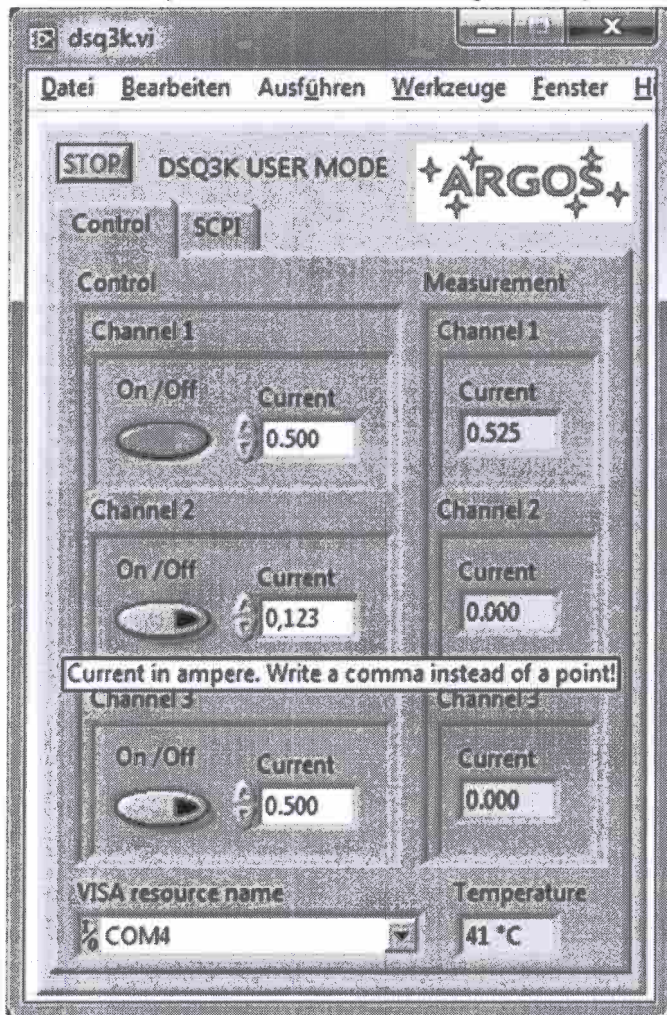
5) Click on the execution-arrow on the top.

First set the diode current and then click on on/off to enable or disenable the diode.

Caution: Depending on your system you may have to enter a comma, although a point is shown!

Note: The current measurement is not very acurate. The device is calibrated and the actual current is very constant over a wide range of temperature.

6) Click on "stop" to stop the execution and on the red cross to quit the application.