

Firmware Update with Firmware-Utility 1.36

for

PDx-N Motors and SMCIxx/SMCPxx Controllers

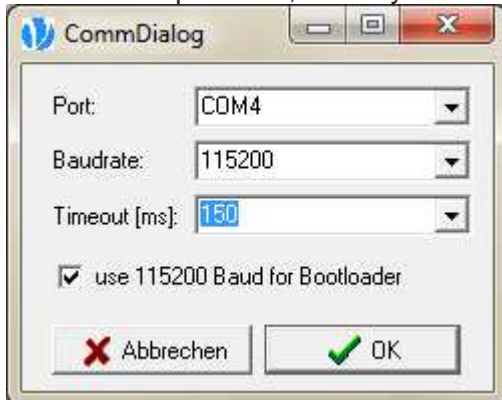
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First of all, unpack the .zip file to your local HDD.

Start the Firmware Utility by double-clicking the firmware_util 1_36.exe

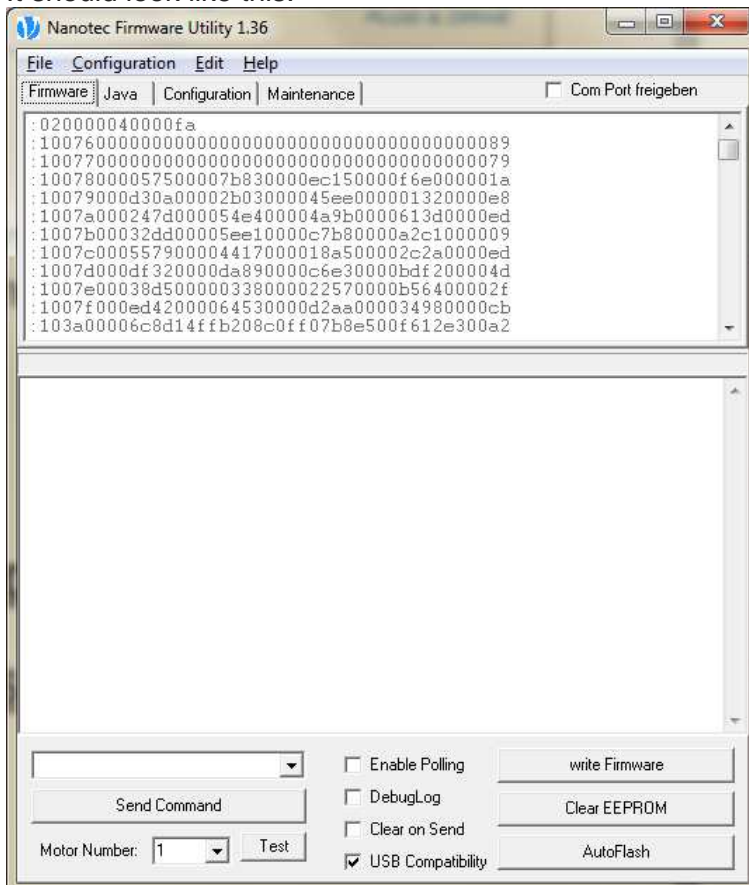


At the start-up screen, select your Com Port, Baudrate and a Timeout of 150ms; then push ok.



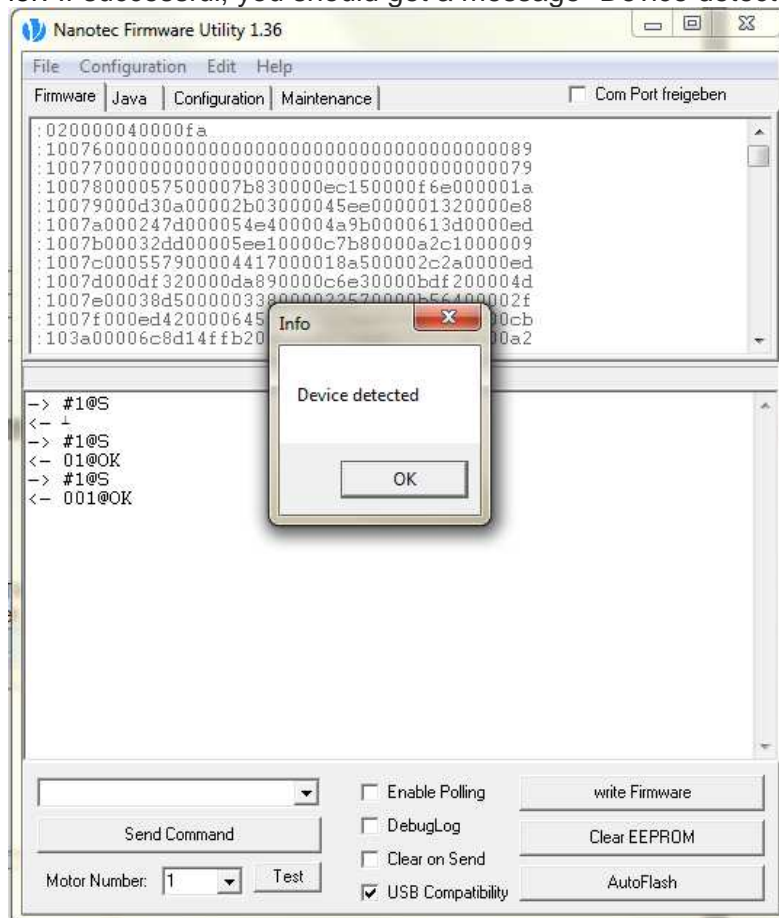
Choose "File → Open" and select the extracted FW File (hex File)

It should look like this:

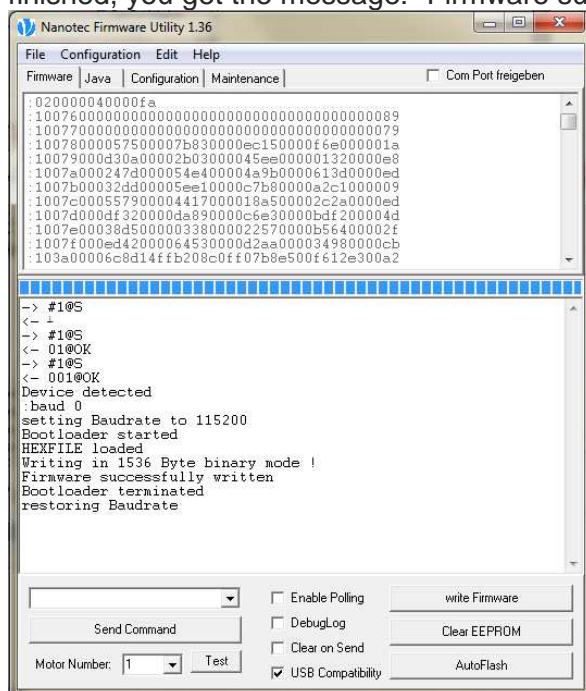


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Now mark “Enable Polling” → The Software tries to establish a connection to the motor / controller. If successful, you should get a message “Device detected”:



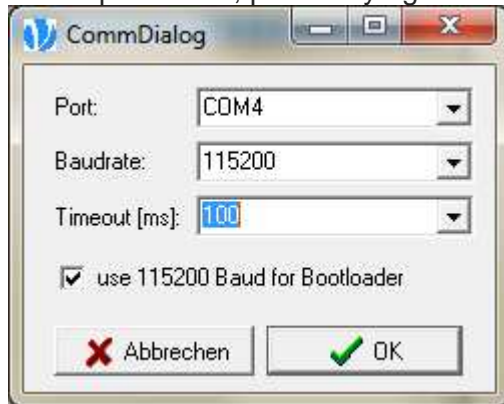
Now you can push the button “Autoflash”. The Tool writes the Firmware on the Controller. Once finished, you get the message: “Firmware successful written”



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If so, you can close the Tool. Disconnect the Vcc of the controller for about 3 seconds, reconnect the power and try again a connection with Nanopro.

If the update fails, please try again with a timeout of 100ms:



If this does not work, try to switch power off and on during “polling”.

If the update doesn't work with those two timeouts, the update has to be done at Nanotec. For this, please follow our RMA handling at:

<http://de.nanotec.com/support/rmawarenruecklieferung> (German)

<http://en.nanotec.com/support/rmamerchandise-return> (English)

Rev.	Datum	Änderung	Von
1.0	10.01.2012	First draft	GS
1.1	19.11.2012	Updated to Util v1.36	GS
1.2	03.04.2014	changing adress and links to new homepage	SR

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