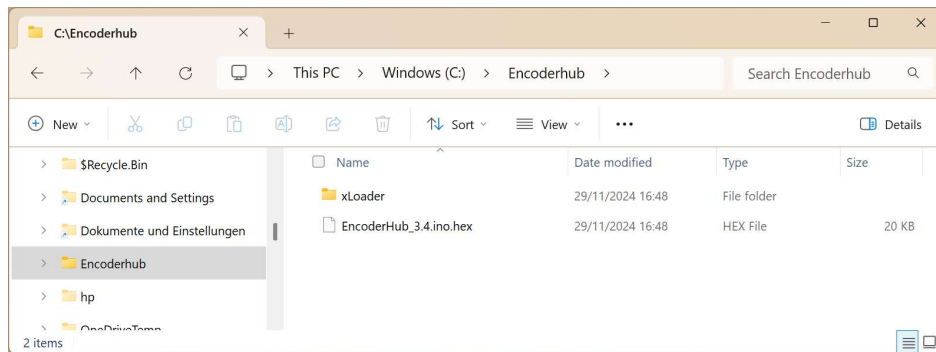


How to upgrade the EncoderHub FW in Antrack-Pro

STEP1: download the latest EncoderHub FW and the Xloader software from the LinkRF technical corner:

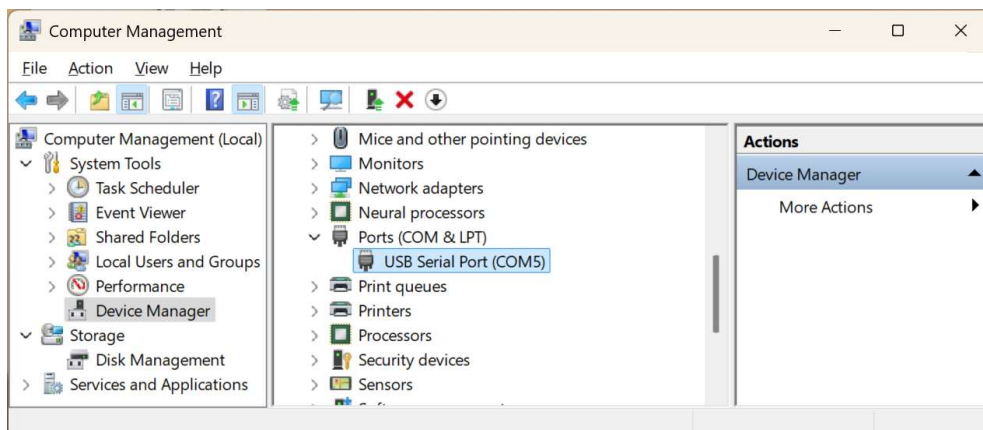
<https://linkrf.ch/AnTracktech.html>.

STEP2: Create a folder in your C:\ drive named C:\Encoderhub, place the FW file with the extension .HEX inside and copy the Xloader software extracted from the zip file in the same directory you create, it will look like:

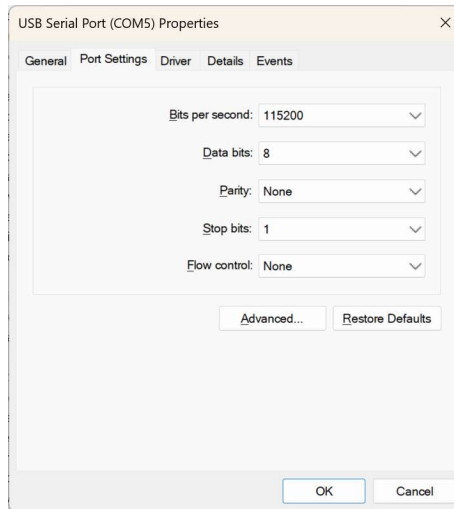


STEP3: Remove carefully the Arduino NANO MCU from the EncoderHub, DO NOT TRY TO UPLOAD THE FW WITH THE ARDUINO NANO CONNECTED TO THE ENCODERHUB, this will end in an unstable MCU unit.

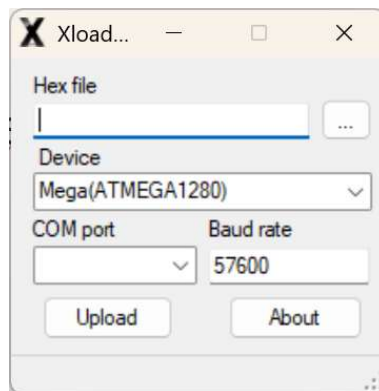
STEP4: Plug the Arduino NANO to your PC with the properly USB cable, go to "Device Manager", it will take some minute until Windows will detect, download and install the COM drivers, when the COM port is ready will show like that:



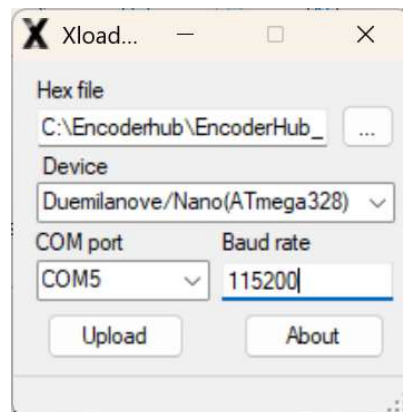
select COM Ports and under "Properties" fix the speed in 57600.



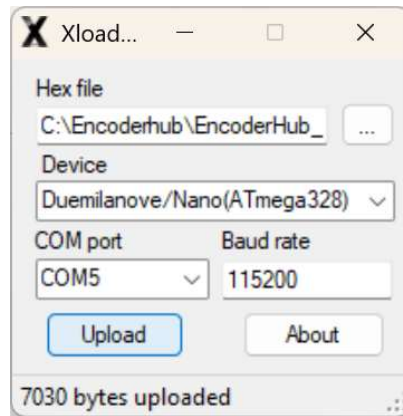
STEP5: Go to the "Xloader" folder inside the C:\EncoderHub folder and run the file Xloader.exe "As Administrator", you must run "As Administrator"



Under "Hex file" browse and find the FW you download with the extension HEX, open device and select "Duemilanove/Nano/ATmega328", open COM port and select the properly port, the speed will be 57600. If doesn't work try to modify your COM port speed to 115200 and use that speed in the Baud rate



STEP6: Pres "Upload", the software will response "Uploading", when finish will show



The number of bytes "uploaded".

STEP7: Unplug the USB cable and reconnect your Arduino NANO MCU into the EncoderHub, you are ready with the latest FW.

If you see "uploading" and not finish something goes wrong, unplug the NANO, check the COM port speed (must be 57600 or 115200 according to your selection) re-plug, re-run the Xloader program "As Administrator" and check the port and the speed in the Xloader program, don't forget to run the Xloader "As Administrator" otherwise will not work

STEP7: Unplug the USB cable and reconnect your Arduino NANO MCU into the EncoderHub, you are ready with the latest FW.