

## Microcontroller Firmware Upgrade

The microcontroller firmware can be upgraded by the PIC\_FW\_Updater software.

In order to perform the upgrade, the user should follow the instructions below:

1. Keep the module off, and double-click on the QTPIC32\_BLHOST.exe item in the software folder. A window like the one in Fig. 1 will open.
2. Select the firmware to be uploaded on the microcontroller by pressing the 'Select' button. Do not change the default IP (192.168.50.2), it is the one of the microcontroller.
3. Connect point-to-point to the FERS-5200 unit via Ethernet connection interface.
4. Press the 'Start' button on the software window, and, successively, turn on the module. The upgrade will start, and the green bar will be filled.

**Note:** Do not turn on the module before pressing the Start button. The microcontroller firmware upgrade has to be done just at the start up of the microcontroller.

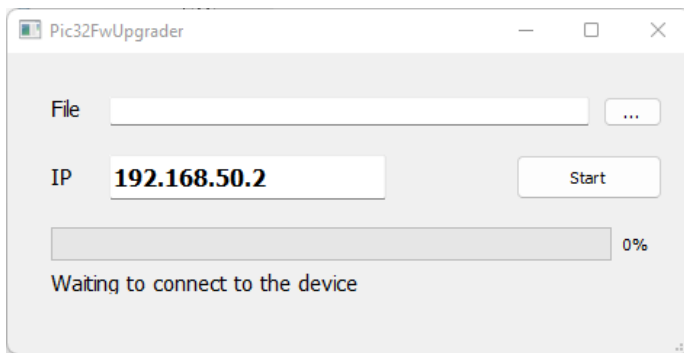


Figure 1 – Microcontroller Firmware Upgrader window.

5. At the end of the upgrade, power cycle the board, as reported on the PIC Firmware Upgrade window. The new microcontroller firmware will be installed on the board at the start up.