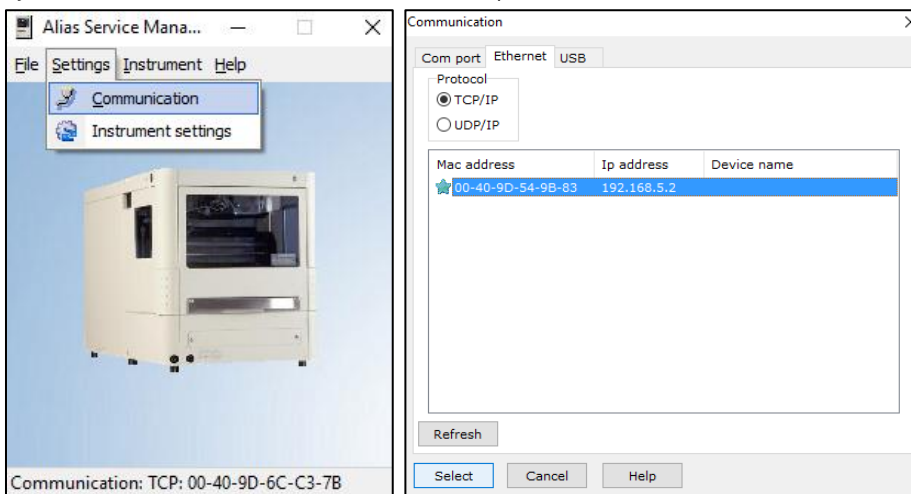
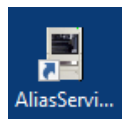


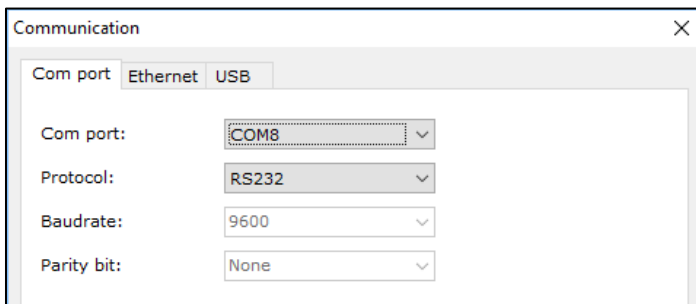
Instruction guide AS110 Firmware update

Follow the instruction below in the case the firmware (FW) of an AS110 has to be updated to a newer version:

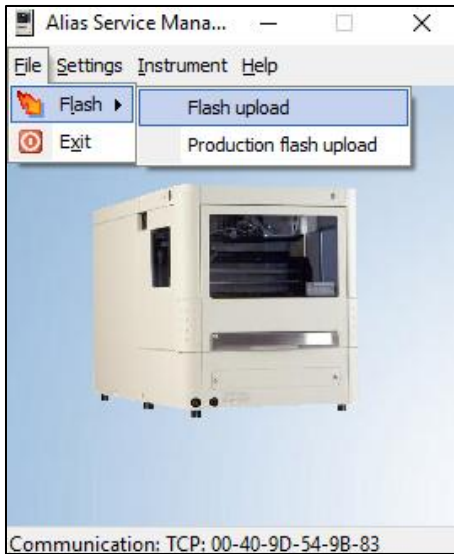
- Contact Antec Scientific for the latest version of the AS110 service manager software.
File: 191_0000 - AS_110_service_manager_2_0.zip
- Install the service manager software as administrator.
- Open the service manager software (ASM) from the start menu or desktop. Make sure that you have closed the Clarity software before opening the ASM software).
- Go to the communication menu. In case of AS110 communication over LAN, go to the Ethernet tab, and select the TCP/IP protocol and the AS available in the window (In case of an ALEXYS system the IP address will be 192.168.5.2) and click the 'Select' button in the lower- left corner.



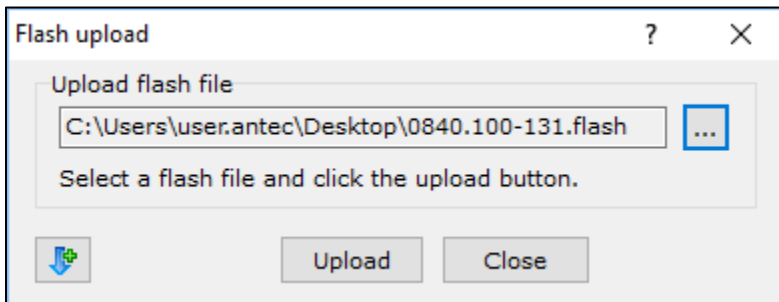
In case of a serial (RS232) connection over a COM port select the 'Com port' tab, and select the correct COM port. In the case of an ALEXYS system this is COM 8.



- Open the flash upload menu as shown below:

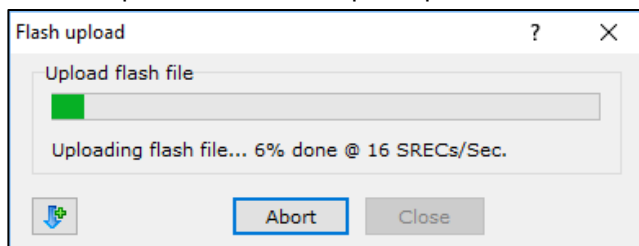


- Load the new flash file for the instrument:



The correct FW file for your instrument can be identified in the following way. For the AS110 standard version the flash file has the name '0840.100-xxx.flash', where xxx is the FW version number, in the example shown above it is FW version 1.31. For the AS110 micro the flash file has the name: '0845.105-xxx.flash'.

- Click the upload button. The upload process is then shown with a progress indicator bar.



- After the upload procedure is completed successfully, switch the instrument 'off' and 'on' again (using the mains button on the rear panel) to reboot. The AS110 is now ready for use again.