

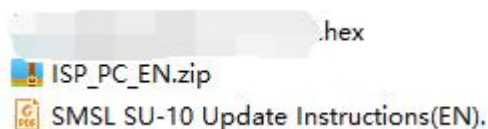
Update the SMSL DAC MCU firmware

Brief:

This document describes the program to upgrade the DAC main CPU, not the USB program. The upgrade method is to connect the windows PC via USB to upgrade. Please be careful not to turn off the power during the upgrade!

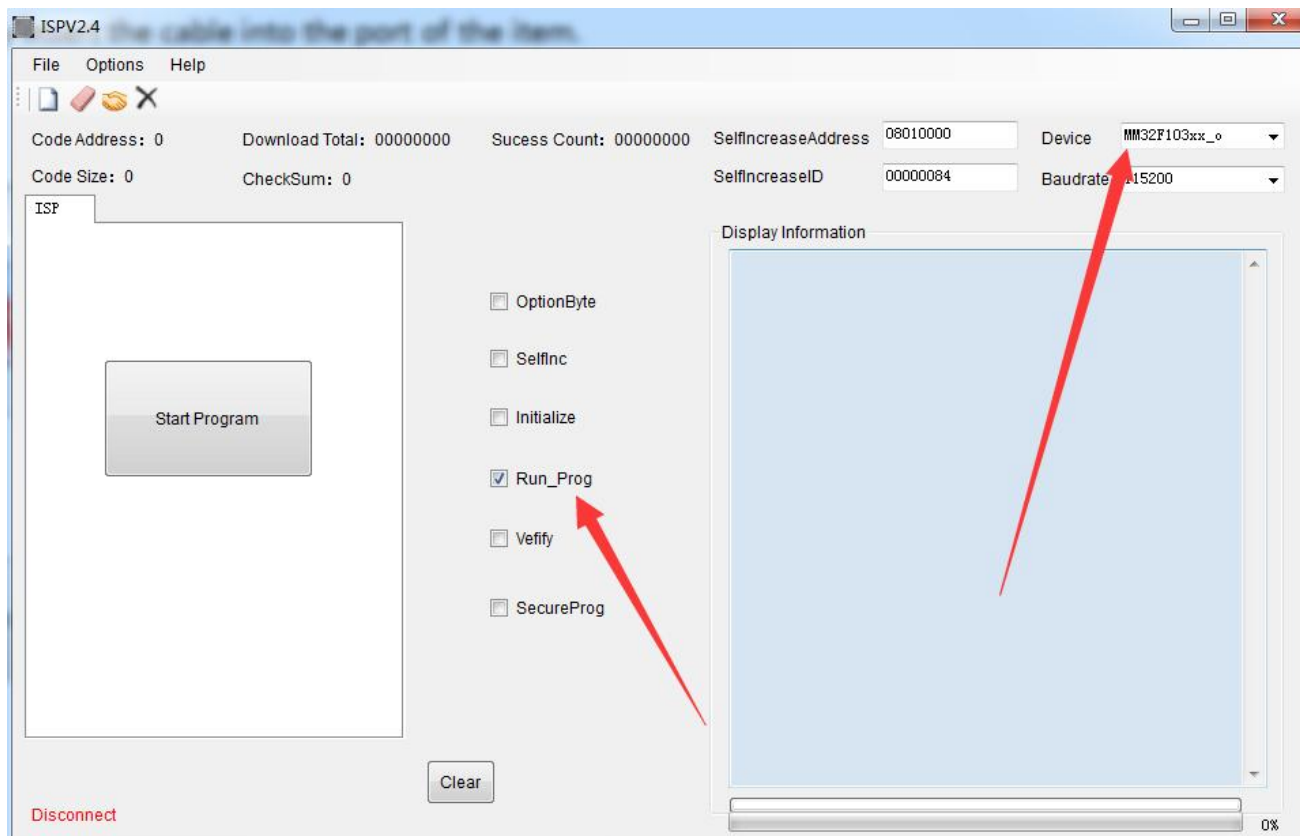
Steps:

- 1) Don't supply power to DAC first.
- 2) Unzip files,the firmware ordinarily packed in Zip file, and the file name, for example, is "XX_MCU_FW.zip".
- 3) After unzip, the file is like:

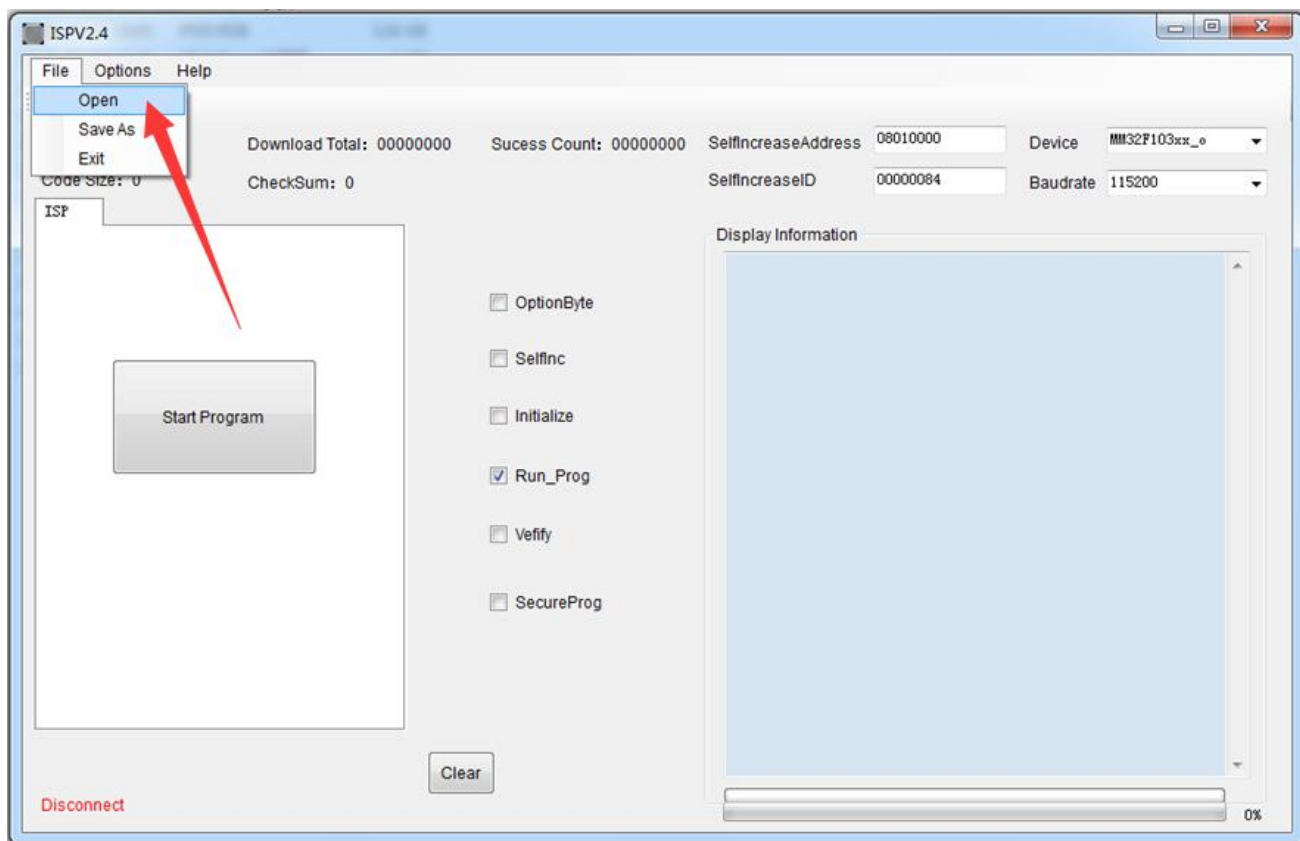


- 4) Unzip the file"ISP_PC_EN";open the file"ispV2.4.exe".(This software does not need to be installed). Set the options according to the screenshot([Device MM32F103xx_o](#)).





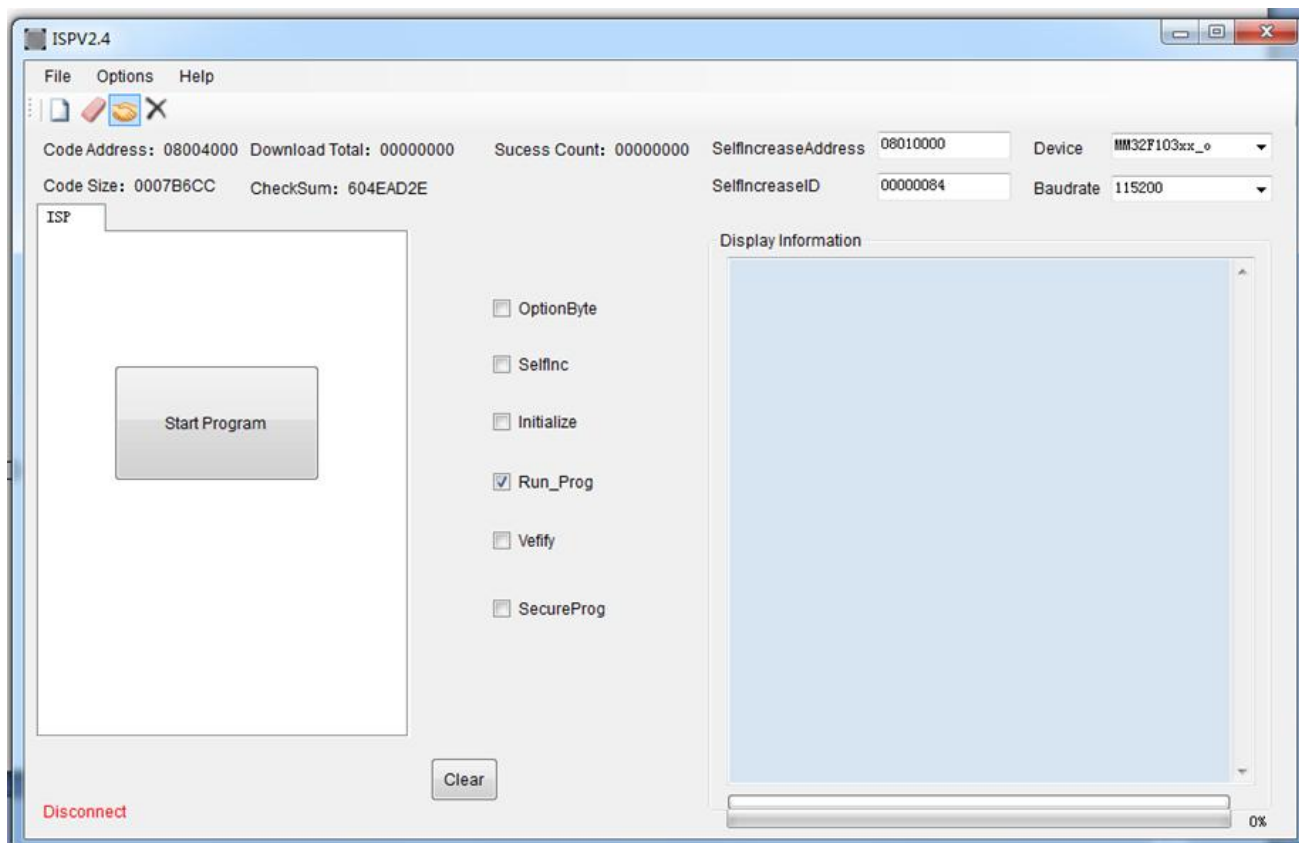
5) Operation according to picture show. File → Open → Select the firmware you want to update "SMSL_IAP_XX_XXX.hex", then wait for the program to load the firmware, this process takes about 30 seconds.

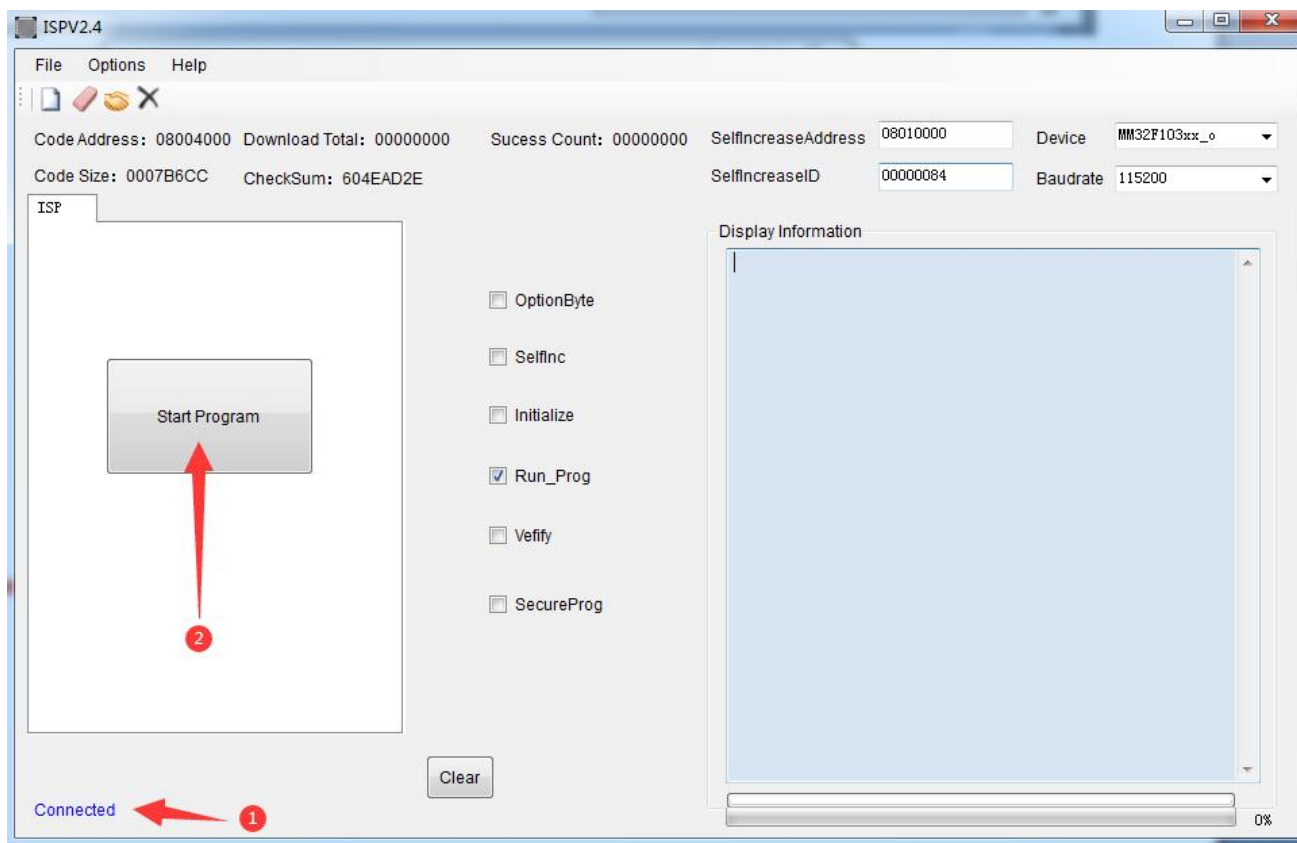


6) Connect the DAC service interface to the computer via USB cable. Press and hold the key, then turn on the power, and release the key after 5 seconds. **If you see the DAC starts normally, you need to repeat this operation (when entering the upgrade mode, the DAC screen will not light up).**

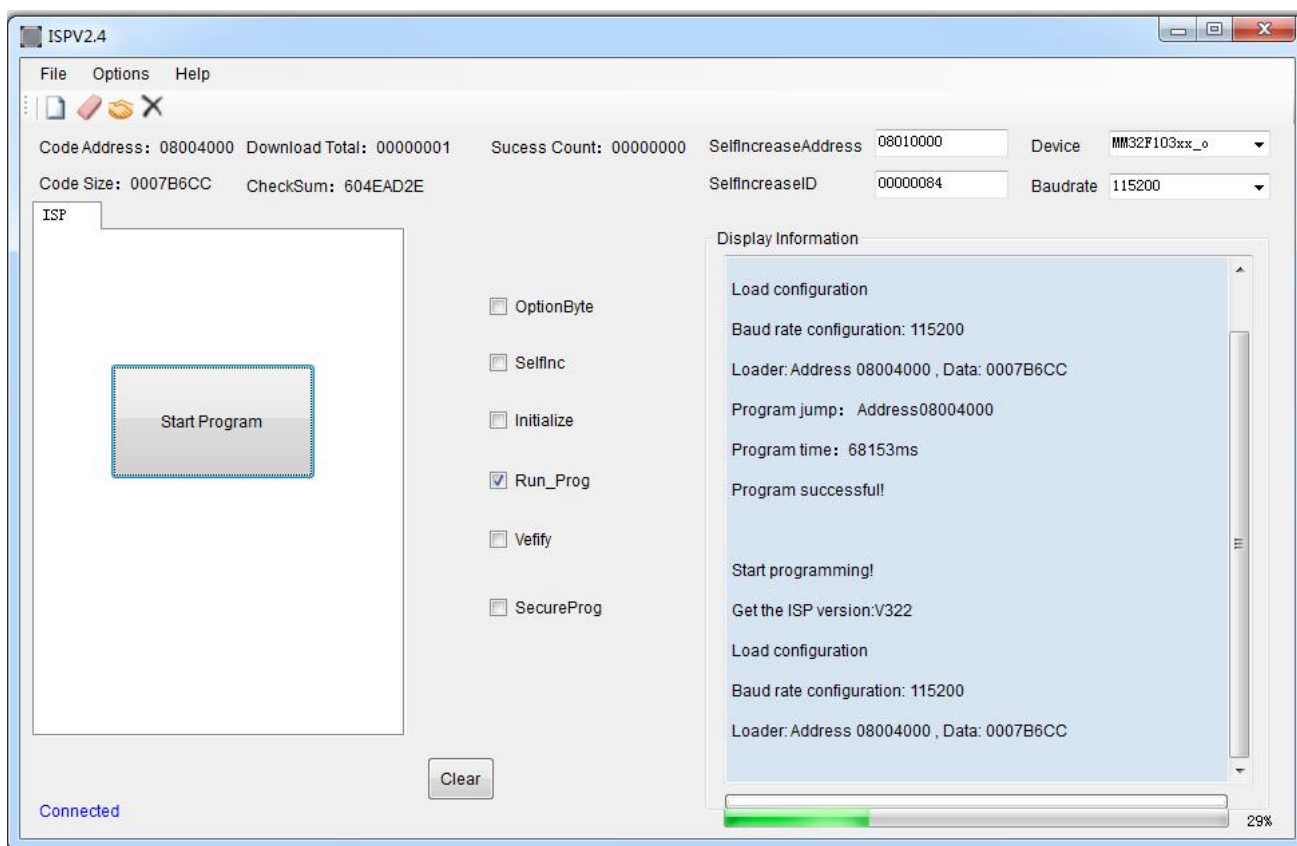


7) Click the connection , Show the "Connected" and click the "Start Program".





8) Wait for the finish.



9) If the window shows like this, it is done!

