

GSM Firmware Version

A note on GSM Versions

As of 07/06/2018 the only partly working GSM firmware for internet use is: V03.03.20161229019H03. This version can send HTTP requests as well as receive and send SMS messages.

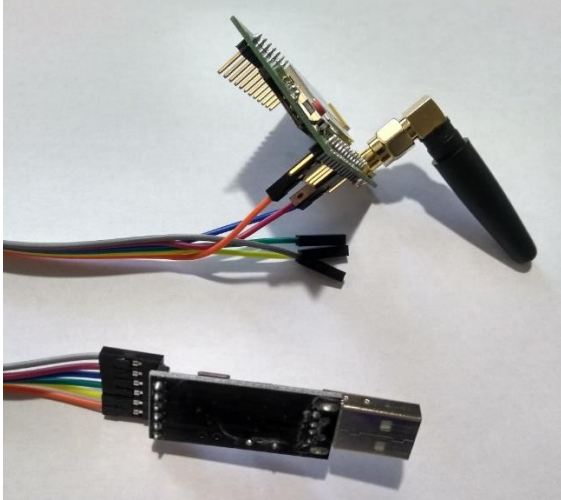
An unstable development firmware is on some GSM's with the version number: V03.06.20171127R. This version will fail to initialise the mobile network correctly. Other bugs maybe present it is recommended to downgrade to the version above using the instructions on the next page.

Updating GSM Firmware (Using 3v UART)

Connect the Ground of the UART to the Ground on the GSM (Same side as the antenna)

Connect the TX of the UART to the HRXD of the GSM

Connect the RX of the UART to the HTXD of the GSM

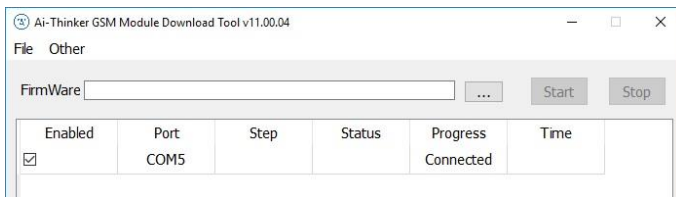


Plug a 5V phone charger or similar powering device to the GSM's micro USB port. (Max draw 1A)

Insert UART USB into PC.

Hold power on GSM for 1-2 seconds and LED light on GSM if present should turn on indicating it is powered up.

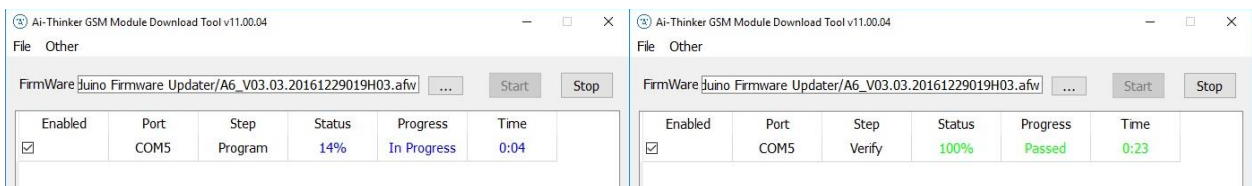
Open Software 'Ai-Thinker GSM Module Download Tool v11.00.04'



Choose Firmware using '...'

Press 'Start' (May take 2 seconds to update screen after pressing)

Wait until complete and then press the 'Stop' button, process should look like:



After pressing 'Stop' close the program and unplug the UART then the process can be repeated for other GSM devices.