Generation configuration and flash firmware to sensor unit

File details

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| **File name** | **Details** |
| bootloader-storage-internal-single-512k.bin | Sensor unit bootloader binary firmware |
| ELPRO.CfgGen.dll | Support library for ELPRO.CfgGen.Sensor.exe |
| ELPRO.CfgGen.Sensor.exe | Configure generator |
| sensor\_config.bin | Generated configure file |
| elpro-sensor512.bin | Sensor unit application binary firmware |
| flash.jlink | Jlink commander script |

Host software must be run process with batch script below to generate sensor\_config.bin file

Or load **flash.cmd** file with modify **<serial-number>** value then get exit code for result

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| --- |
| @echo off  ELPRO.CfgGen.Sensor.exe gen -sn <serial-number>  if %errorlevel% neq 0 ( goto gen\_failure)  "C:\Program Files\SEGGER\JLink\JLink.exe" -speed 4000 -si SWD -NoGui 1 -commanderscript flash.jlink  if %errorlevel% neq 0 ( goto flash\_failure)  echo ================= Flash finish ==================  echo Flash success  exit 0  :gen\_failure  echo ================= Flash finish ==================  echo Gen configue: failure  exit 1  :flash\_failure  echo ================= Flash finish ==================  echo Flash failure  exit 1 |

**“C:\Program Files\SEGGER\Jlink\Jlink.exe”**: path to flashing tool ([download](https://www.segger.com/downloads/jlink/)) dependency on window x64 or x86. That software tool can run with [flasher](https://www.segger.com/products/production/flasher/models/about-flasher-arm/) or [Jlink debugger](https://www.segger.com/products/debug-probes/j-link/)

**<serial-number>**: input serial number, the serial-number has limit 32 character

**Exit code**: 0 success other failure (example: 1)