

IMC-932 FW Upgrade

<http://www.imi-tech.com>

V1.0

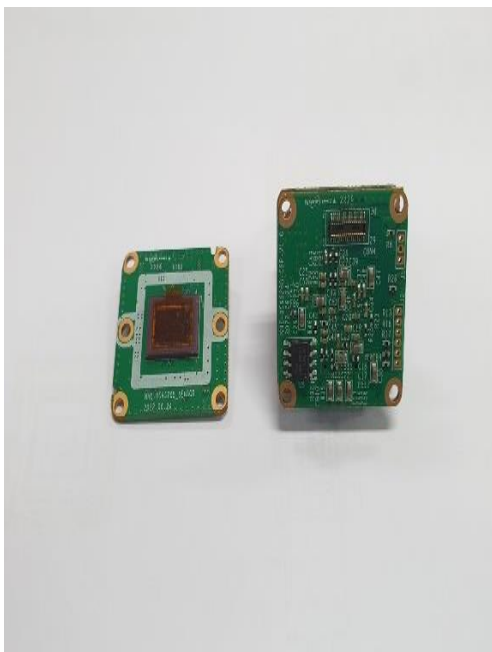
Revision History

VERSION	DATE	DESCRIPTION	NOTE
REV 1.0	2023-05-12	- Initial draft	

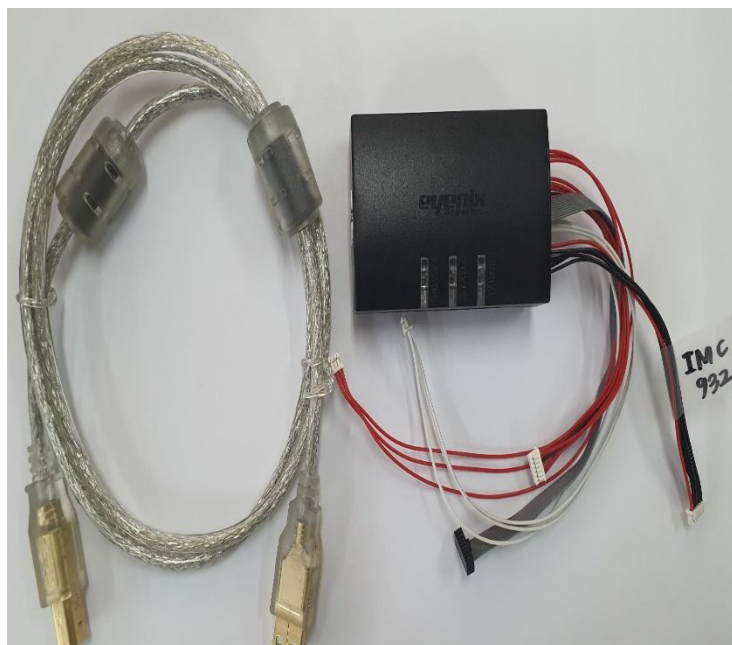
- ❖ 1. IMC-932 Components
- ❖ 2. IMC-932 Camera Disassemble
- ❖ 3. IMC-932 FW Download
- ❖ 4. IMC-932 Version check and test
- ❖ 5. IMC-932 Camera assemble

1. IMC-932 Components

❖ Components



IMC-932 PBA



USB A/B CABLE & FW USB DONGLE

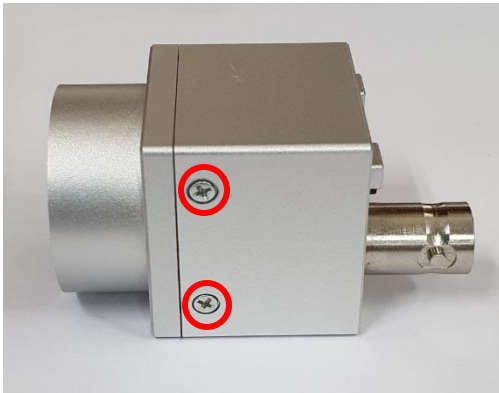


DC 12V POWER

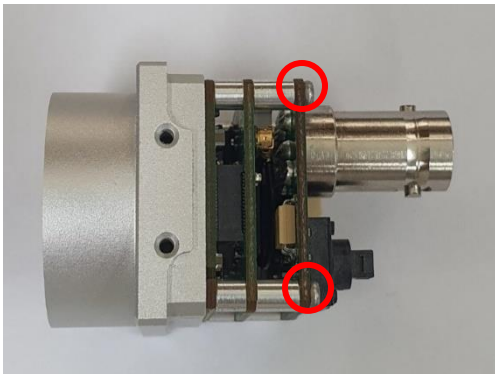
2. IMC-932 Camera Disassemble

❖ IMC-932 Camera Disassemble

1. Loosen all screws on the left, right and bottom of IMC-932 Camera.



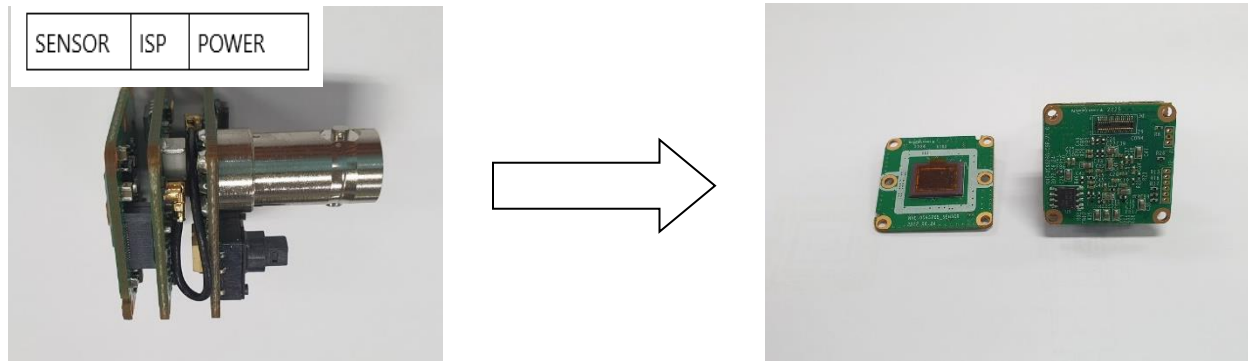
2. Loosen all screws that engages the lens mount and PBA.



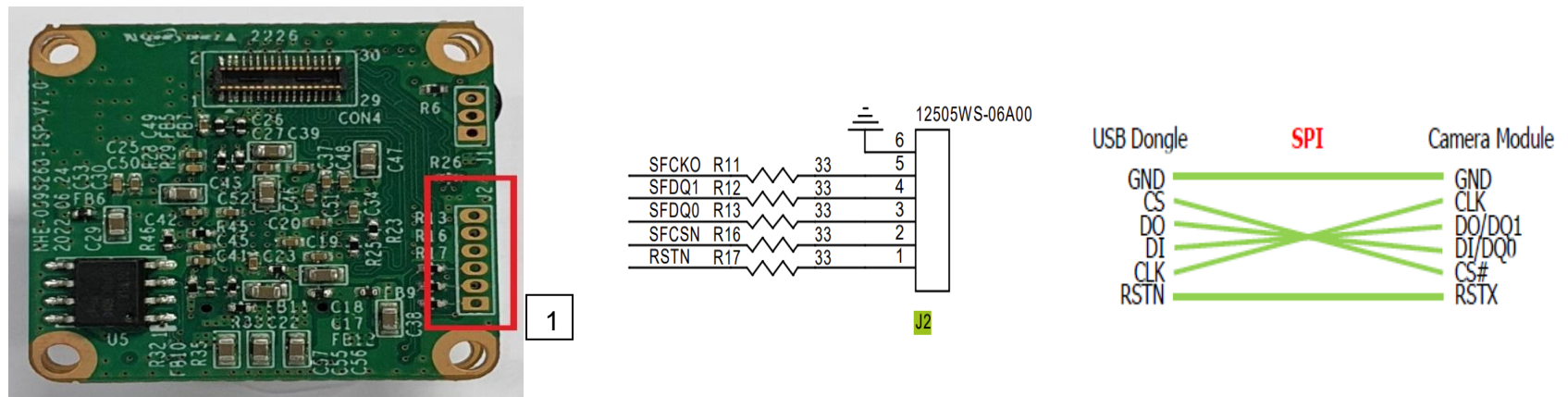
3. IMC-932 FW Upgrade

❖ IMC-932 FW Upgrade

1. Disconnect the SENSOR Board from the IMC-932 Module.

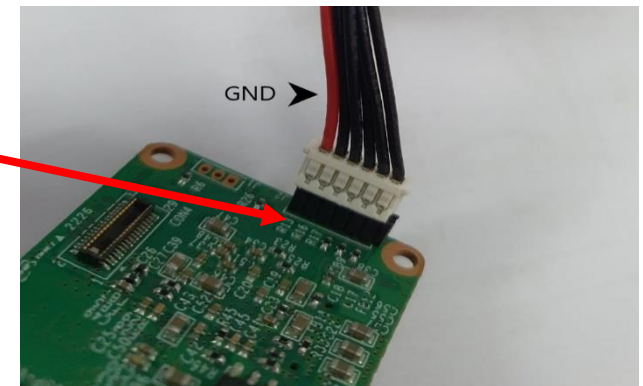
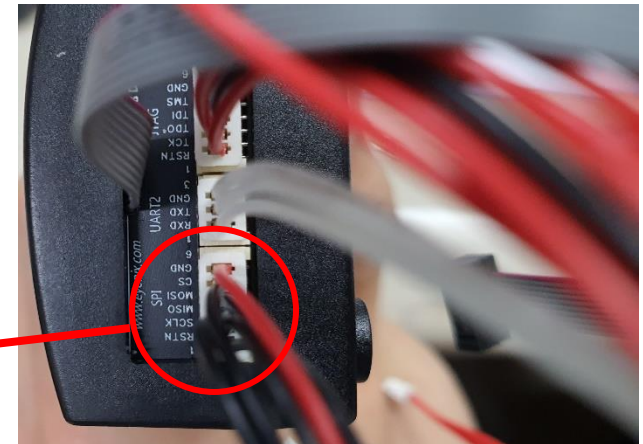
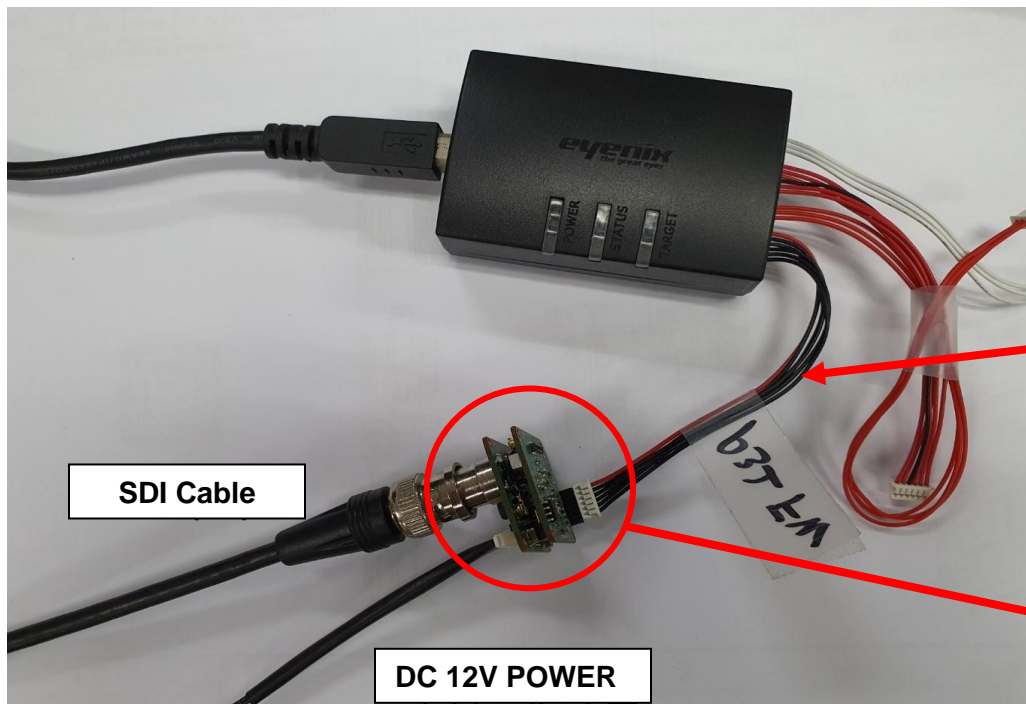


2. Check the IMC-932 ISP Board J2 terminal



3. IMC-932 FW Upgrade

3. Connect SDI Cable and FW USB dongle to IMC-932 Module except SENSOR board and Power cable (DC 12V)



*** The SDI cable is connected to facilitate testing after a firmware upgrade, and you don't need to connect to upgrade the firmware.**

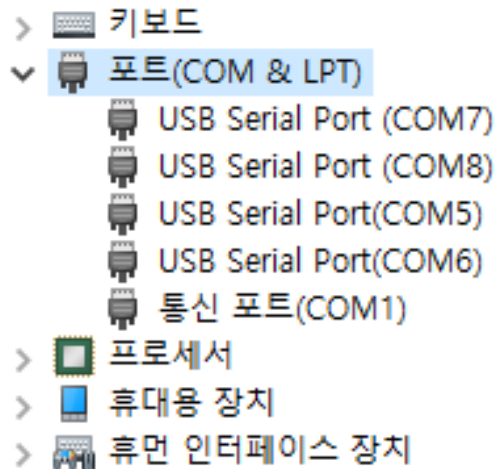
3. IMC-932 FW Upgrade

4. Connect FW USB dongle (Eyenix USB dongle v3.0) to PC

- Use without pc driver.

5. PC COM Port setting.

- Designate new ports as Com5, Com6, Com7, and Com8

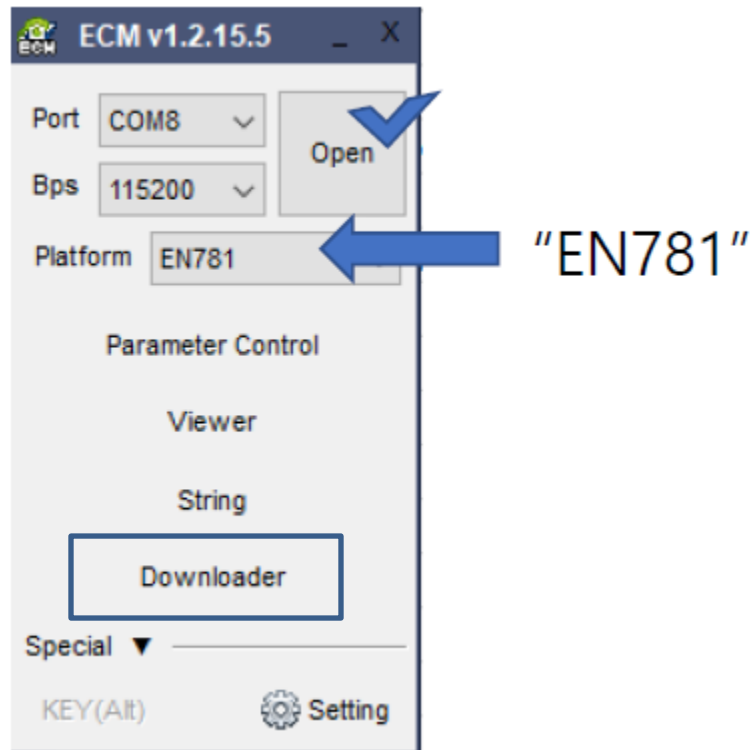


3. IMC-932 FW Upgrade

6. Execute Software “ECM”. (See attached compressed file. “ECM_v1.2.15.5_20180719.zip”)



7. Setting platform (EN781), Port (COM8), Bps(115200bps) and press OPEN



3. IMC-932 FW Upgrade

8. Choose “Downloader”

- 1st Choose boot file.
(0~7 sector)
- 2nd Choose FW file
(8~109 sector)

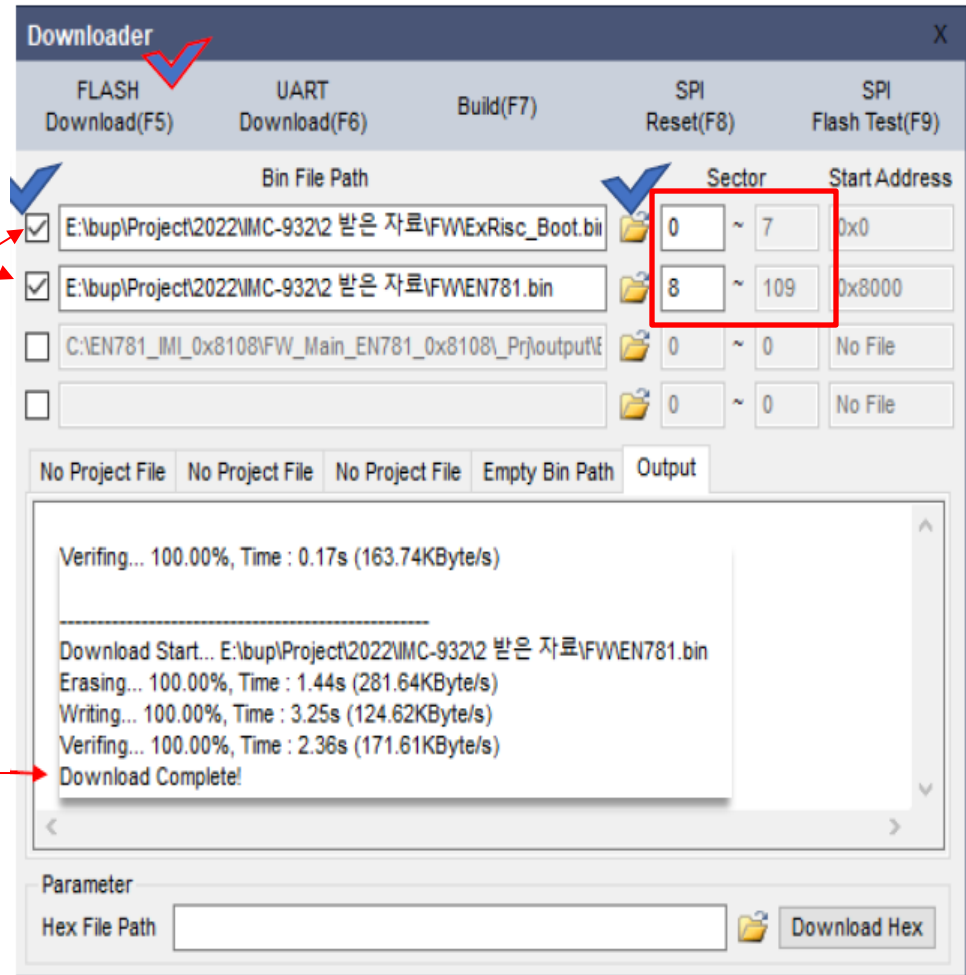
이름

- EN781.bin
- ExRisc_Boot.bin

9. FLASH Download(F5) Click

- Check the progress below.

See attached compressed file.
“IMC-932 FW.zip”



4. IMC-932 Verison check and test

1. Check the Version of IMC-932 Camera

- Last Version : V1.4.1

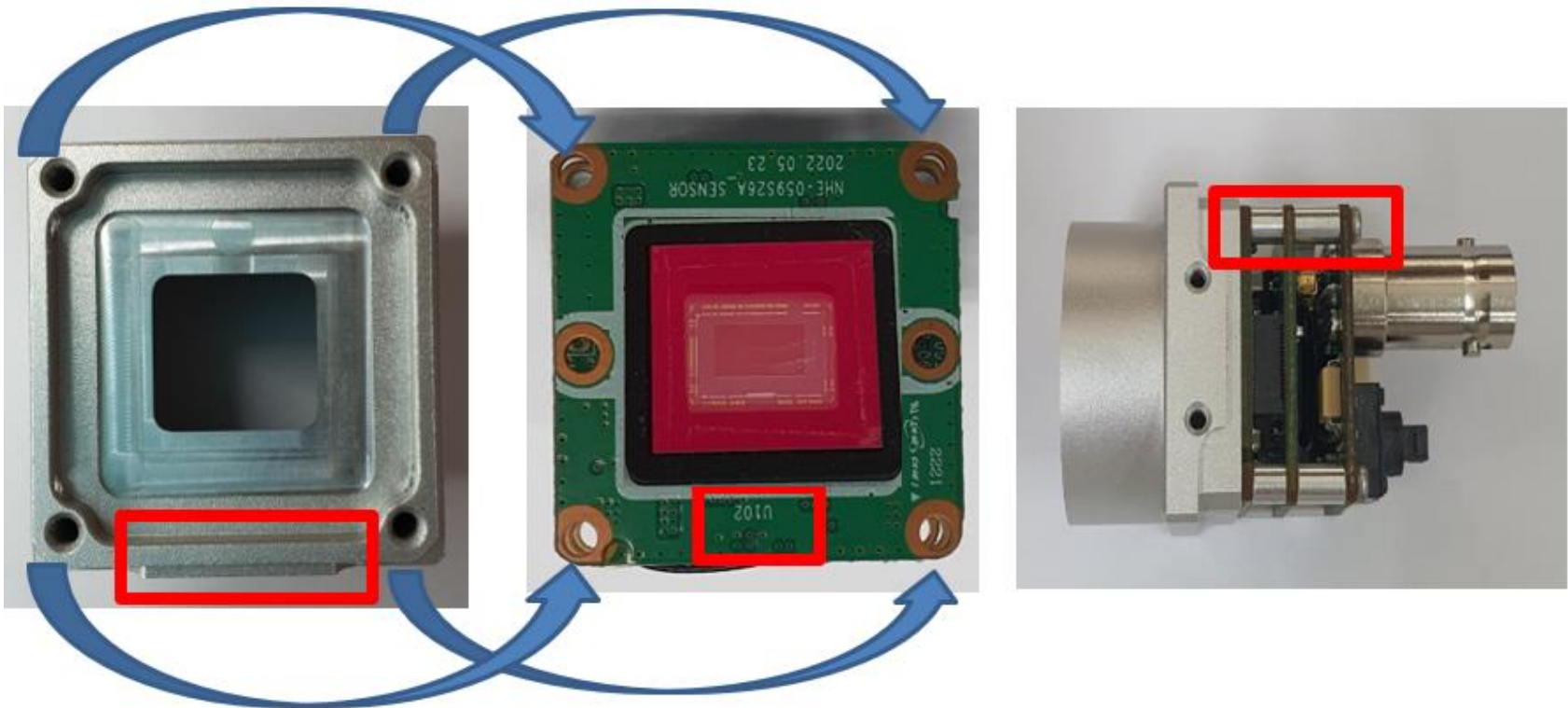
2. Camera operation test



5. IMC-932 Camera Assemble

❖ IMC-932 Camera Assemble

Assemble in reverse order of disassembly.





**THANK YOU FOR YOUR
ATTENTION.**

YOUR SUCCESS IS IMI-TECH

www.imi-tech.com