

# How to download the Profinet Adapter F/W



DOCUMENT CHANGE SUMMARY				
REV	PAGE	REMARKS	DATE	EDITOR
1	New Document		2023년 10월 31일	MW KIM

---

# ***CONTENTS***

1 . Profinet Adapter ..... 4

    1.1 RS232 Cable + flash loader

    1.2 Lan Cable

---

# 1. Profinet Adapter

There are Two types of F/W download.

1.1) RS232 cable + flash loader

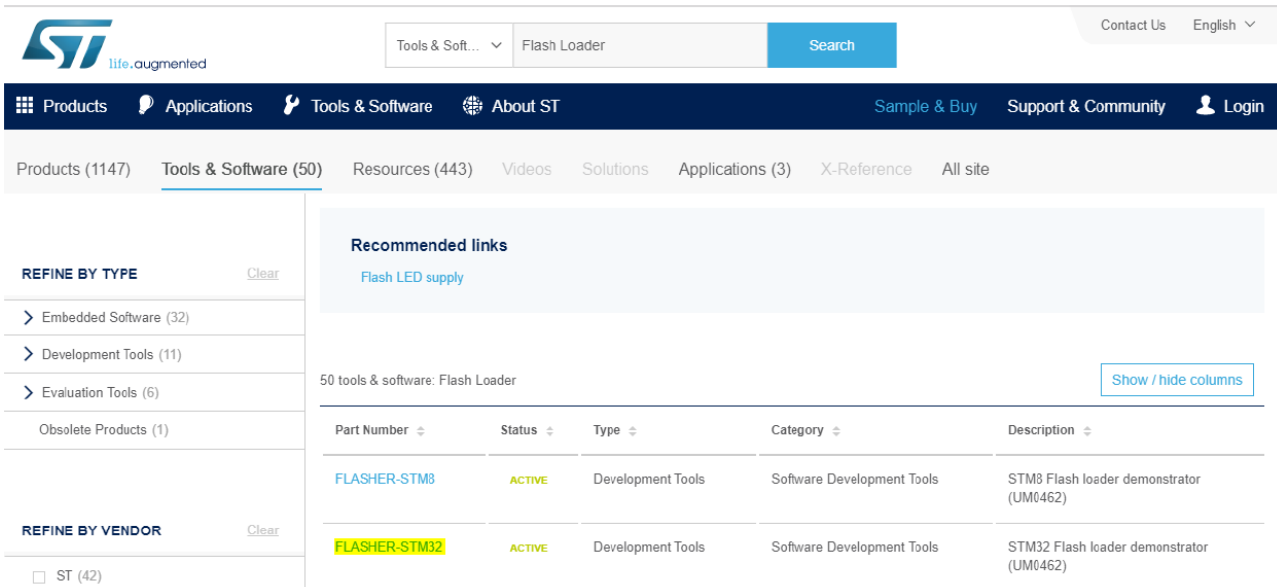
1.2) LAN cable

## 1.1) RS232 cable + Flash Loader

※ Only GN & M models are possible, and GL & ML will undergo updates using the LAN cable method (1.2).

1. Install & excute a Flash Loader Demonstrator.

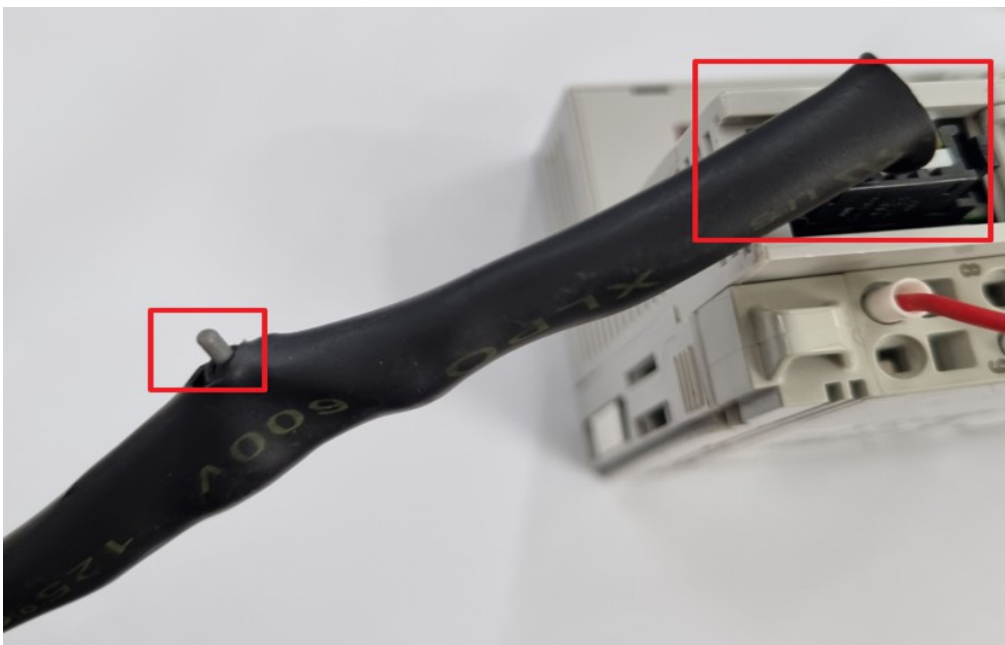
(You can download Flash Loader Demonstrator on [www.st.com](http://www.st.com))



The screenshot shows the STMicroelectronics website interface. At the top, there is a search bar with 'Flash Loader' entered. Below the search bar, there are navigation tabs for 'Products', 'Applications', 'Tools & Software', and 'About ST'. The 'Tools & Software' tab is selected, and the search results are displayed. On the left, there are filters for 'REFINE BY TYPE' and 'REFINE BY VENDOR'. The main content area shows 'Recommended links' and a table of search results for 'Flash Loader'.

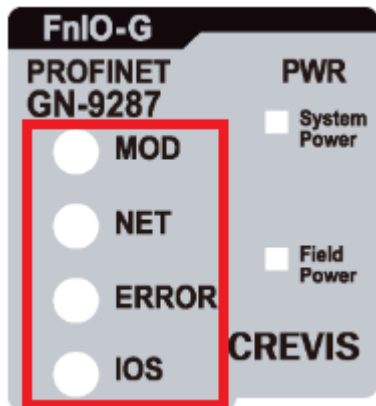
Part Number	Status	Type	Category	Description
FLASHER-STM8	ACTIVE	Development Tools	Software Development Tools	STM8 Flash loader demonstrator (UM0462)
FLASHER-STM32	ACTIVE	Development Tools	Software Development Tools	STM32 Flash loader demonstrator (UM0462)

2. Connect RS232 cable to the product, set firmware download Mode (SW: ON → IAP Mode(firmware update mode))



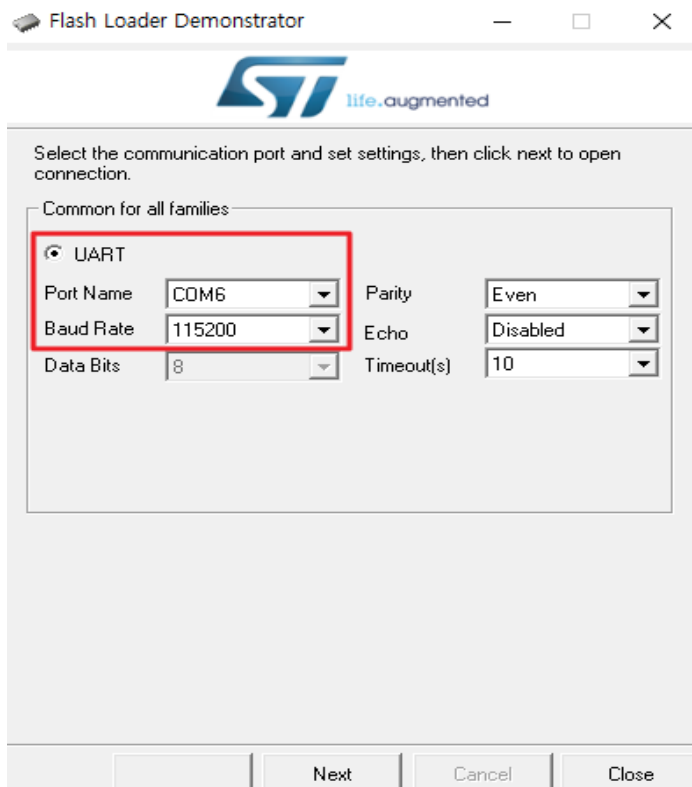
3. Please check the status of led.

If the status LED is off, you are in Firmware Update mode.

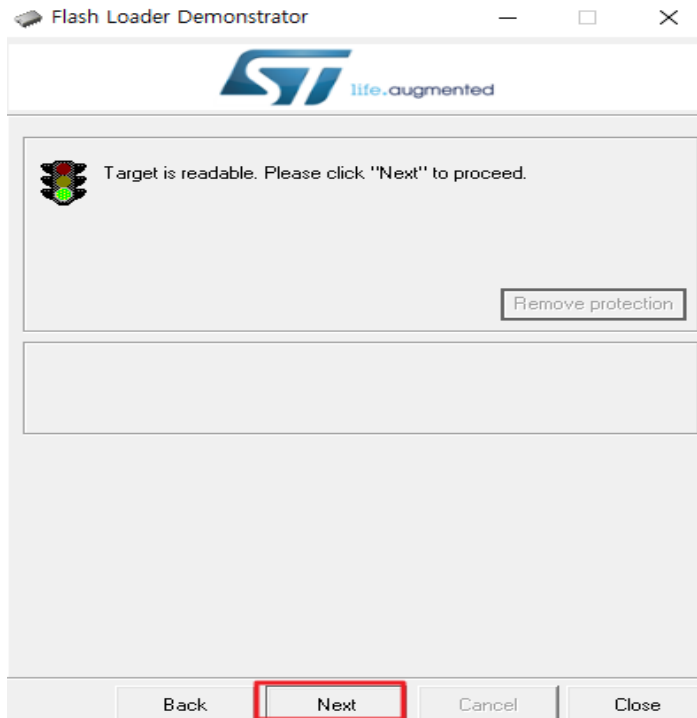


4. Check the Device Manager to check the port number.

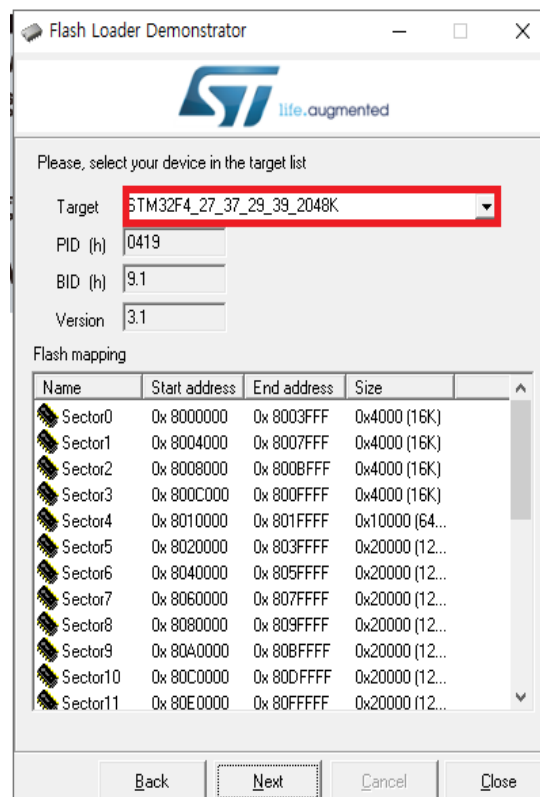
Select a Port Name, then click the Next button



## 5. Click the Next button.

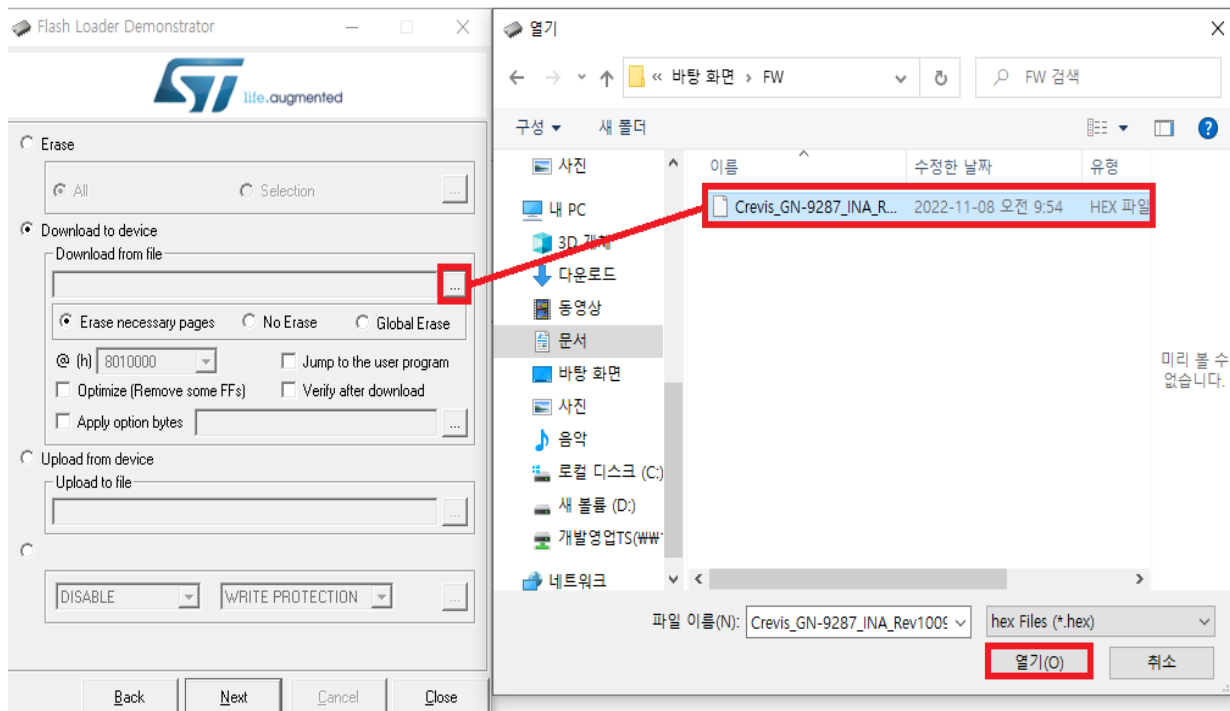


## 6. Select a Target ( STM32F4\_2048K ). Then click the next button



### 7. Open a file Firmware File → Click Next

※ Updates via RS-232 are conducted through files in HEX format.



### 7. DONE

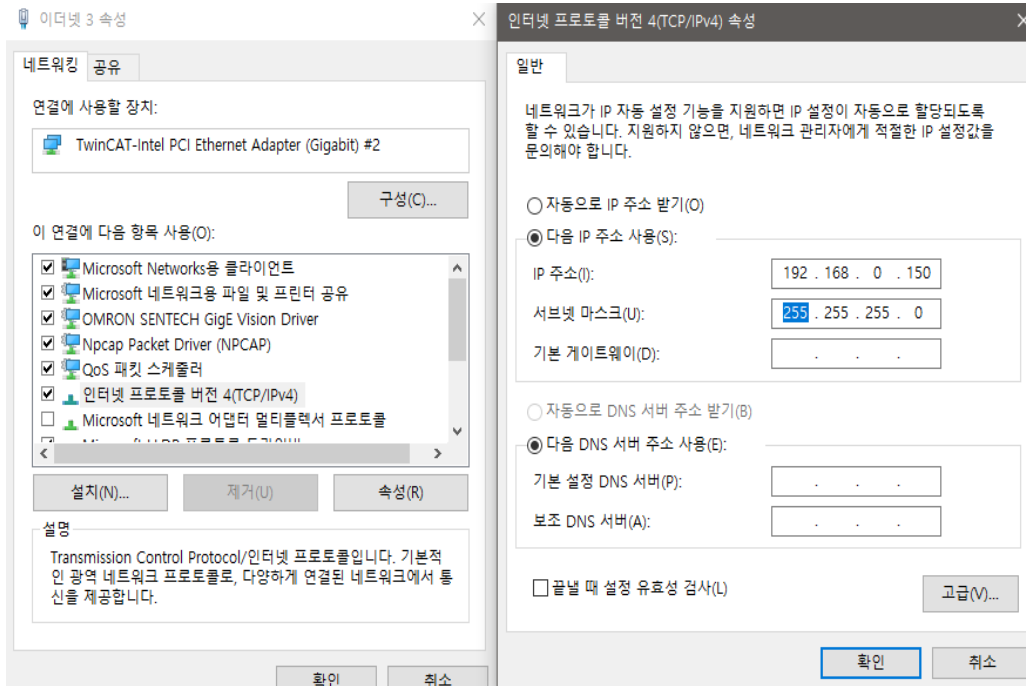




## 1.2) LAN Cable

First, please set the protocol IP address: 192.168.0.xxx

Subnet mask(U) : 255.255.255.0 like below



1) Set the dip switch 254. (254 = Fixed IP Address)

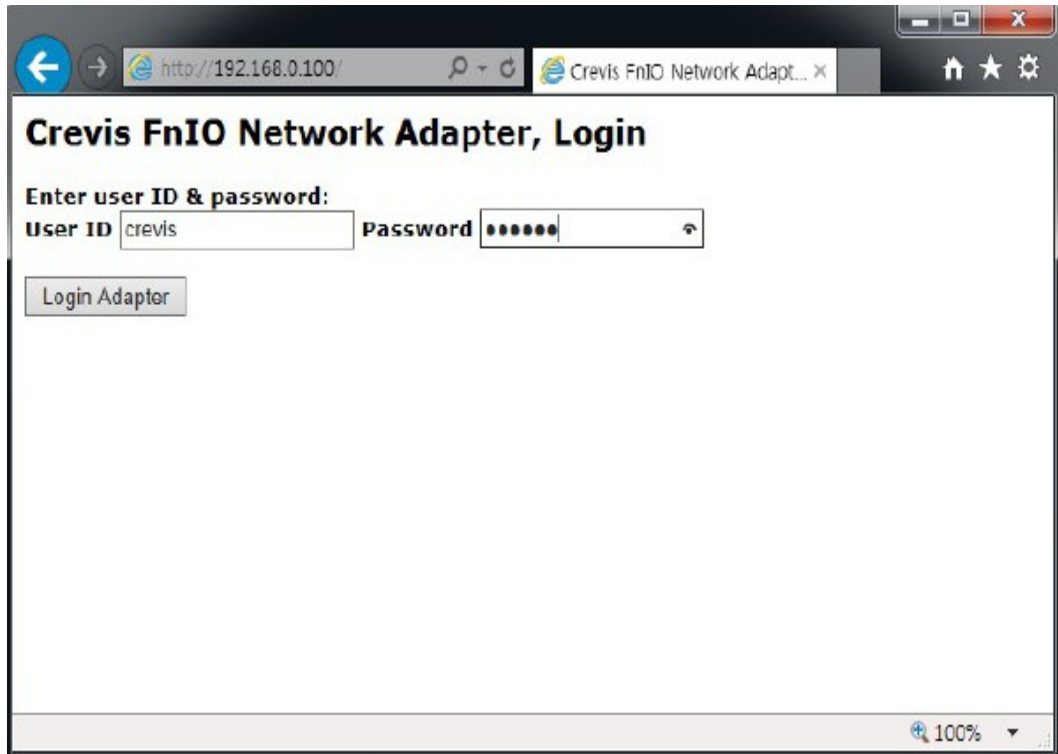


- Login after enter the IAP web-server.

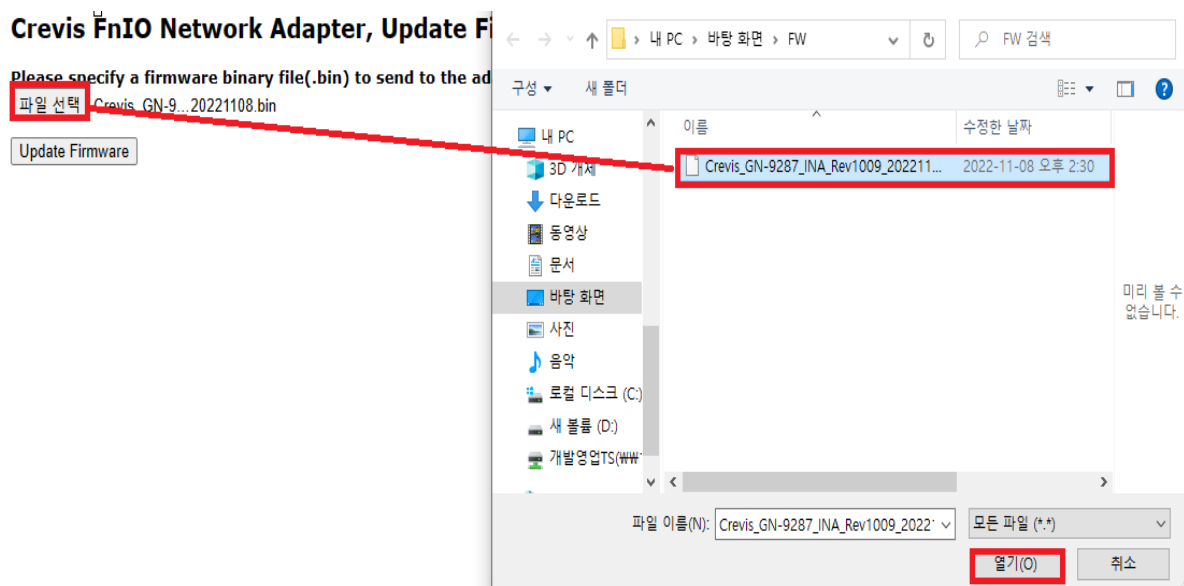
※ G Series : 192.168.0.100 / M Series : 192.168.100.100

User ID : crevis, password : crevis

→ if you use OEM products, User ID/Password is different.



2) Update firmware with binary file.



### 3) Update is complete

