

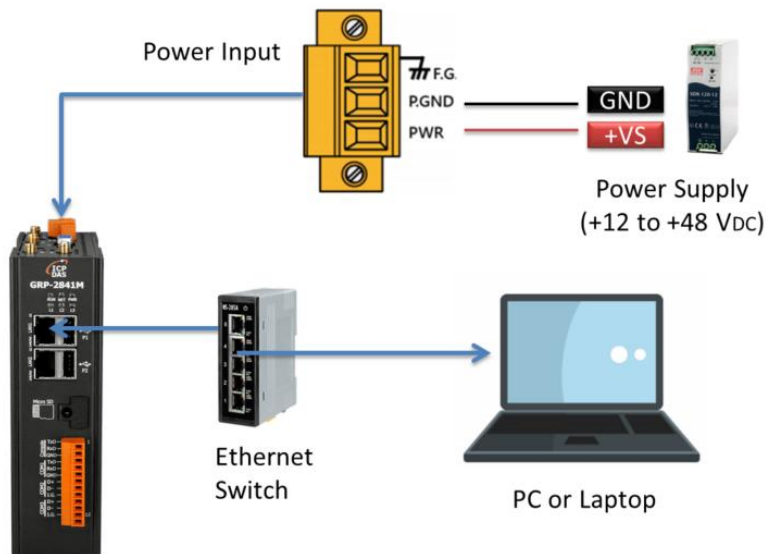
How to update firmware?

Please follow the steps to update firmware.

Method one → Update firmware by Webpage (recommend to update via this method)

Step 1: Connecting to PC and Power Supply

- a. Connect PC to the LAN1 through an Ethernet switch.
- b. Connect the power supply (+12 to +48 VDC) to PWR and GND terminals.

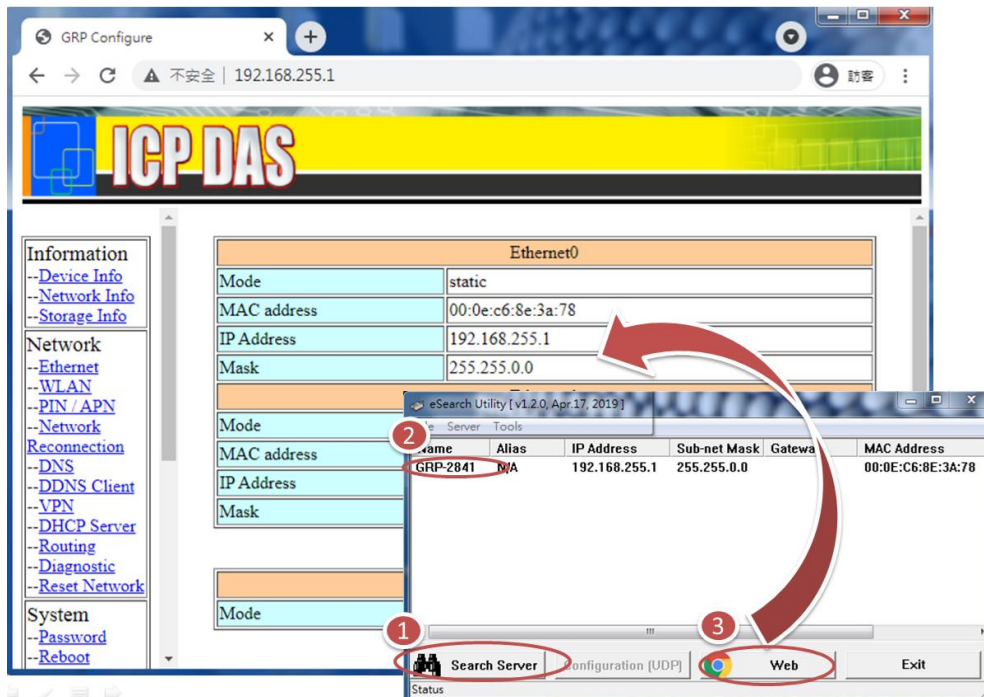


Step 2: Using eSearch Utility to Connect the PAC

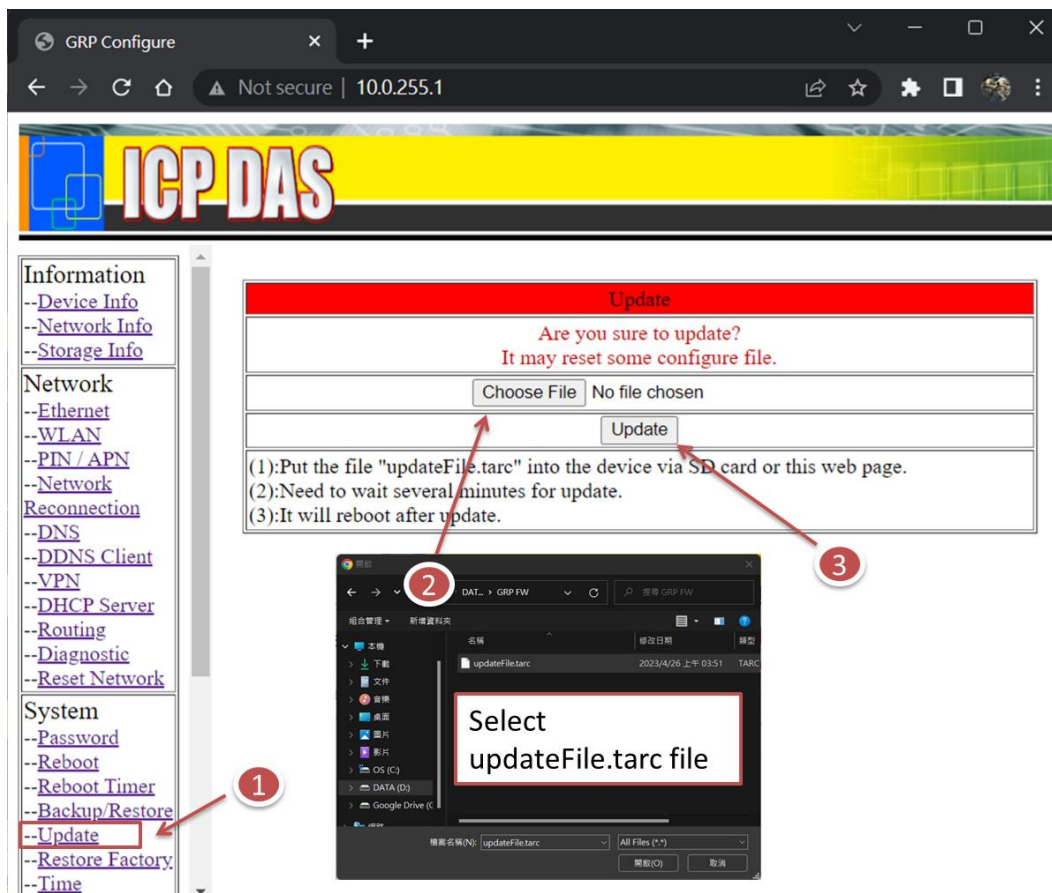
eSearch Utility Website

http://www.icpdas.com/en/product/guide+Software+Utility_Driver+eSearch_Utility

- 1) Searching the Ethernet device connected on the network
- 2) Select GRP-2841
- 3) Connect to the web pages (The default login name is "admin", password is "admin_GRP").



Step 3: Select Update webpage and Select Update File (updateFile.tar) and then click Update button.



- After the update is complete, the device will reboot.
- After the device starts up again, when the firmware update is completed, the L1, L2, L3 LED will be on.



Step 4: Check if the firmware version has been updated

Select Device Info webpage and check the firmware version.

A screenshot of a web browser displaying the ICP-DAS GRP Configure interface. The browser's address bar shows the URL 172.17.4.223. The page has a yellow header with the ICP-DAS logo. On the left is a navigation menu with categories: Information, Network, System, and VxServer. Under 'Information', 'Device Info' is selected and highlighted with a red box labeled '1'. The main content area displays a 'Device Information' table with the following data:

Device Information	
Serial Number	0F876C910000
Kernel Version	4.14.98-imx_4.14.98_2.0.0_ga+g5d6cbea
Firmware Version	GRP-2841M_V1.0.0_20220317_Betal

The 'Firmware Version' row is highlighted with a red dashed border and a red box labeled '2'. The browser's status bar at the bottom indicates '不安全' (Not Safe).

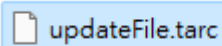
Method two → Update firmware by SD card

Step 1: Put update file to SD Card

- a. Prepare a SD card and card reader



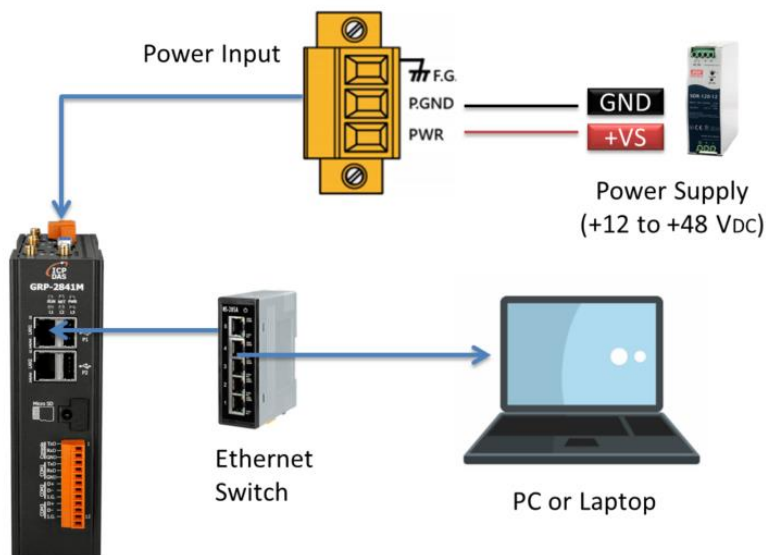
- b. Format SD card (format fat32) and copy update file (updateFile.tarc) to SD card



- c. Insert SD card to GRP-2841M

Step 2: Connecting to PC and Power Supply

- c. Connect PC to the LAN1 through an Ethernet switch.
- d. Connect the power supply (+12 to +48 VDC) to PWR and GND terminals.

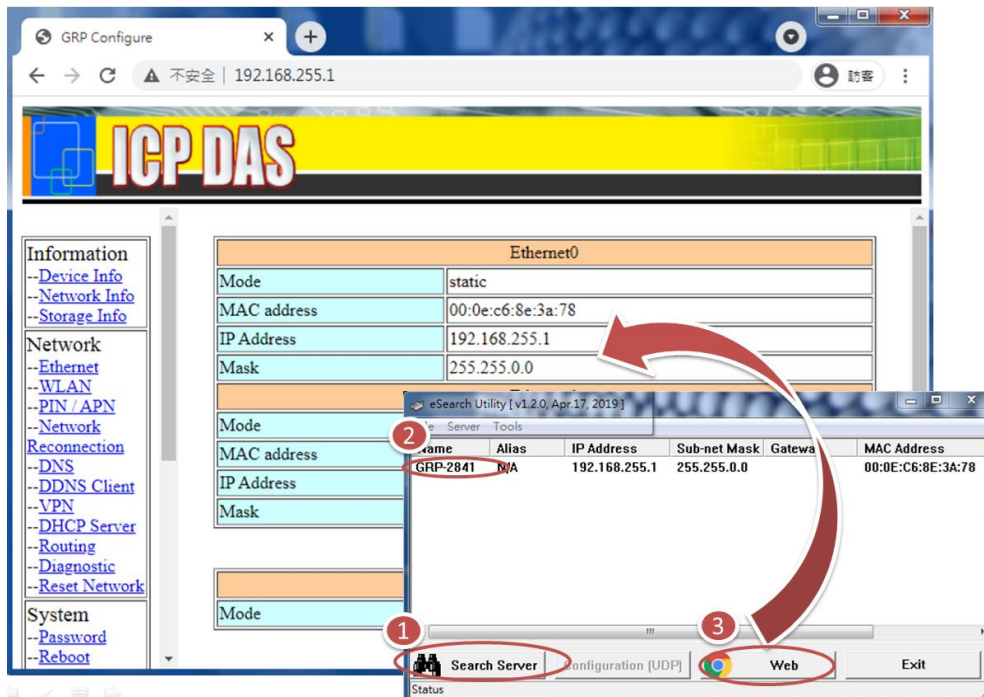


Step 3: Using eSearch Utility to Connect the PAC

eSearch Utility Website

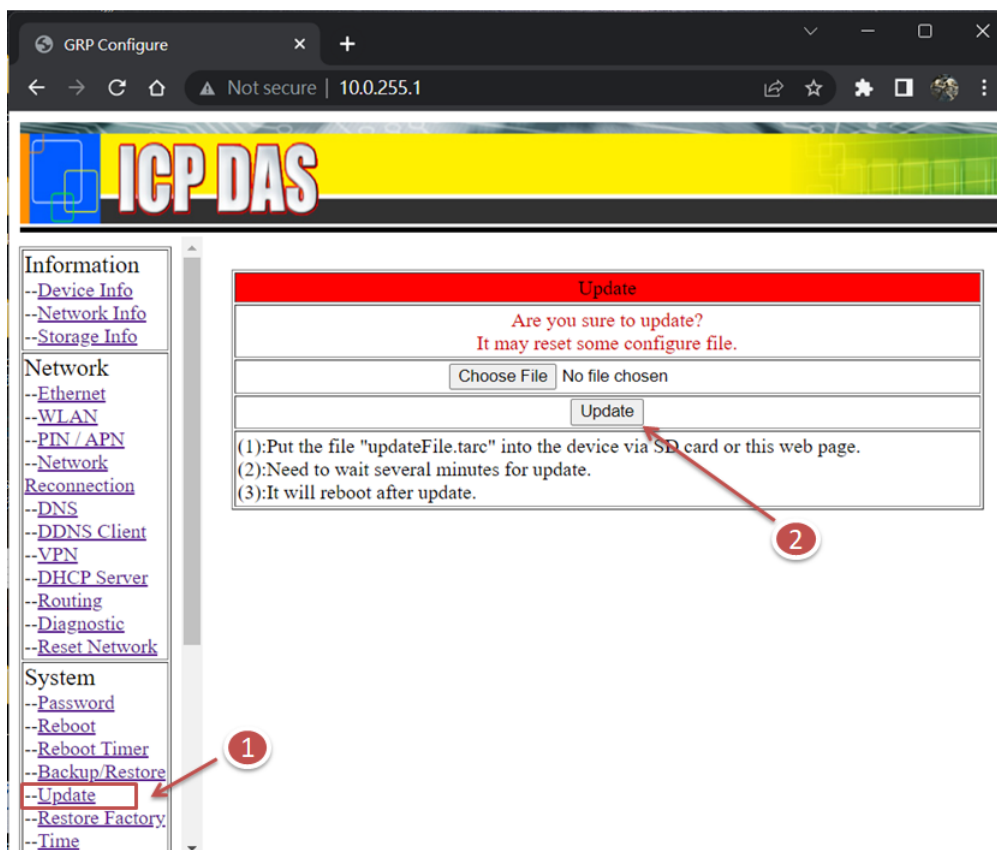
http://www.icpdas.com/en/product/guide+Software+Utility_Driver+eSearch_Utility

- 1) Searching the Ethernet device connected on the network
- 2) Select GRP-2841
- 3) Connect to the web pages (The default login name is “admin”, password is “admin_GRP”).



Step 4: Select Update webpage and click Update button.

c. After the update is complete, the device will reboot.



d. After the device starts up again, when the firmware update is completed, the L1, L2, L3 LED will be on.



- L1 on: find update file
- L2 on: updating
- L3 on: update completed

Step 5: Check if the firmware version has been updated

Select Device Info webpage and check the firmware version.

The screenshot shows a web browser window with the address bar displaying "GRP Configure" and the URL "172.17.4.223". The page header features the "ICP-DAS" logo. On the left, a sidebar menu lists various configuration categories: Information, Network, System, and VxServer. The "Information" category is expanded, showing sub-items: Device Info, Network Info, and Storage Info. A red arrow labeled "1" points to the "Device Info" link. The main content area displays a table titled "Device Information" with the following data:

Device Information	
Serial Number	0F876C910000
Kernel Version	4.14.98-imx_4.14.98_2.0.0_ga+g5d6cbea
Firmware Version	GRP-2841M_V1.0.0_20220317_Betal

A red dashed box labeled "2" highlights the "Firmware Version" row in the table.

Method three → Update firmware by pen drive

Step 1: Put update file to pen drive

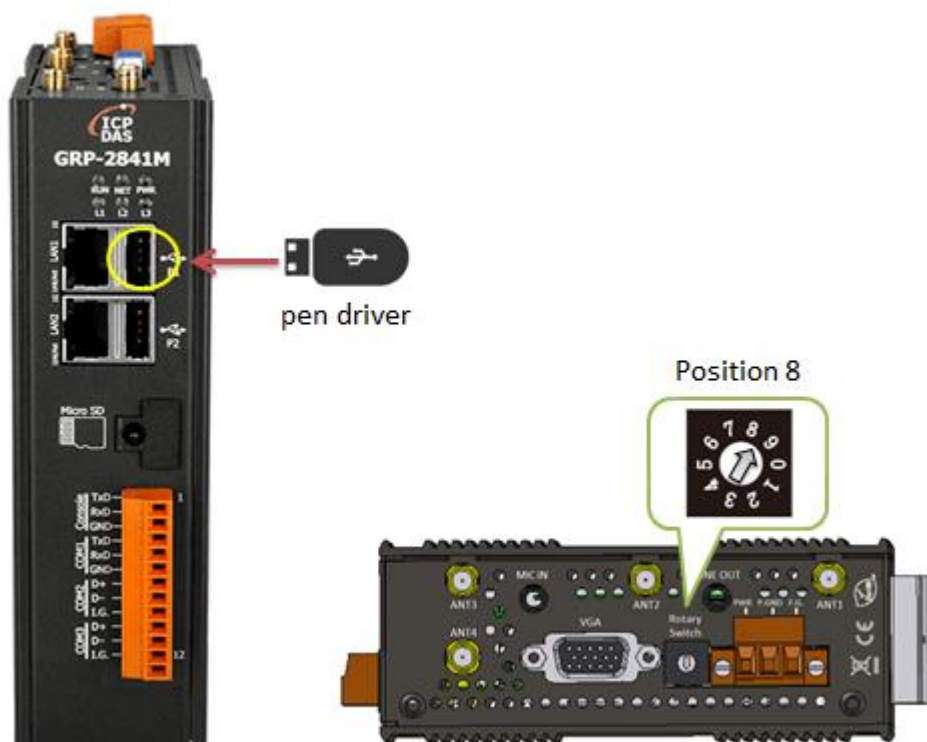
- a. Prepare a pen drive



- b. Format pen drive (format fat32) and copy update file(updateFile.tar) to pen drive

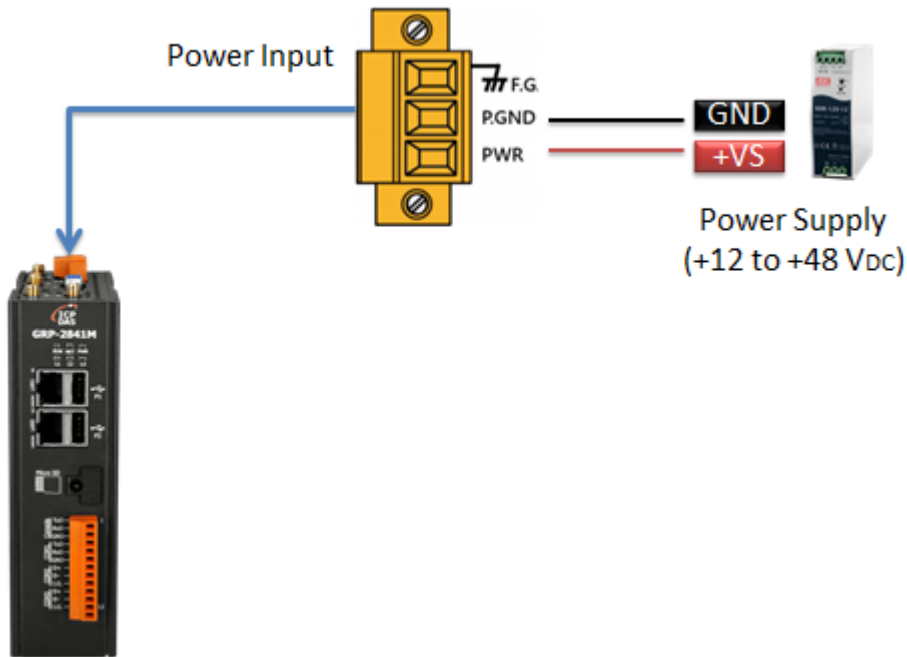
 updateFile.tar

Step 2: Set the rotary switch position to 8 and insert your pen driver to USB port of GRP-2841M



Step 3: Connecting to Power Supply

- 1) Connect the power supply (+12 to +48 VDC) to PWR and GND terminals.



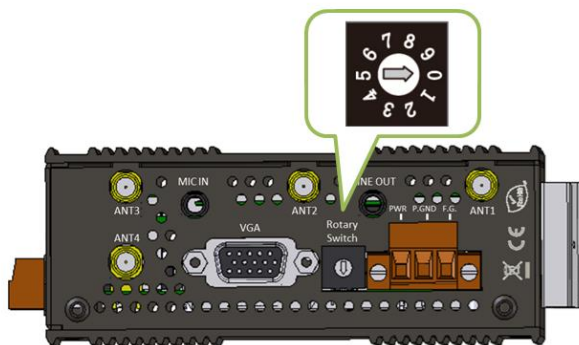
Step 4: firmware update

- Turn on the power; the device will automatically copy the update file from pen drive to the local disk. When the file copy is completed, the L1, L2, L3 LED will be on.



- L1 on: find update file
- L2 on: updating
- L3 on: update completed

- Power off and unplug your pen drive and set the rotary switch position to 0



- Turn on the power again and the firmware update process will be executed automatically. When the firmware update is completed, the L1, L2, L3 LED will be on.



L1 on: find update file

L2 on: updating

L3 on: update completed

Step 5: Check if the firmware version has been updated

Select Device Info webpage and check the firmware version.

A screenshot of a web browser displaying the ICP DAS GRP Configure interface. The browser's address bar shows '172.17.4.223'. The page has a yellow header with the ICP DAS logo. On the left is a navigation menu with categories: Information, Network, System, Backup/Restore, Factory, and VxServer. Under 'Information', 'Device Info' is selected and highlighted with a red arrow and a red box labeled '1'. The main content area shows a table titled 'Device Information' with the following data:

Device Information	
Serial Number	0F876C910000
Kernel Version	4.14.98-imx_4.14.98_2.0.0_ga+g5d6cbea
Firmware Version	GRP-2841M_V1.0.0_20220317_Beta1

The 'Firmware Version' row is highlighted with a red dashed border and a red box labeled '2'.