Support

Models supported include
DS-712 and DS-715

Warranty

All products manufactured by ICP DAS are warranted against defective materials for a period of one year from the date of delivery to the original purchaser.

Warning

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Contact Us

If you have any questions, please feel free to contact us.
We will respond within 2 working days.

Email: service@icpdas.com ; service.icpdas@gmail.com

DS-700 Series

Firmware Update via 7188XW.exe

Version: 1.0/ Updated: Aug. 2018

Ch. 1. Setting up the DS-700
Ch. 2. Firmware Update Procedure
Ch. 3. Additional Information





ICP DAS CO., LTD.
Website: http://www.icpdas.com

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1. Setting up the DS-700

Before updating the firmware, please ensure that the DS-700 module is connected with your host computer. Refer to the following steps for the details.

Step 1: Switch off the Power to the DS-700 module.

Step 2: Connect the DS-700 module to your host computer.

- **DS-712: Connect the COM1 connector on DS-712 to COM Port on host PC using the CA-0910N cable, as illustrated in the Figure 1-1 below. Note: CA-0910N is a 3-wire Null-Modem cable (optional).**

- **DS-715: Remove the screw and top shell first, and then connect the JP2 connector to COM Port on host PC using the CA-0904 (optional) and CA-0915 (optional) cables, as illustrated in the Figure 1-2 below.**

Step 3: Short the INIT* and GND pins of the DS-700 module in "Init" to initiate the update.

Step 4: Switch on the Power to the DS-700 module.

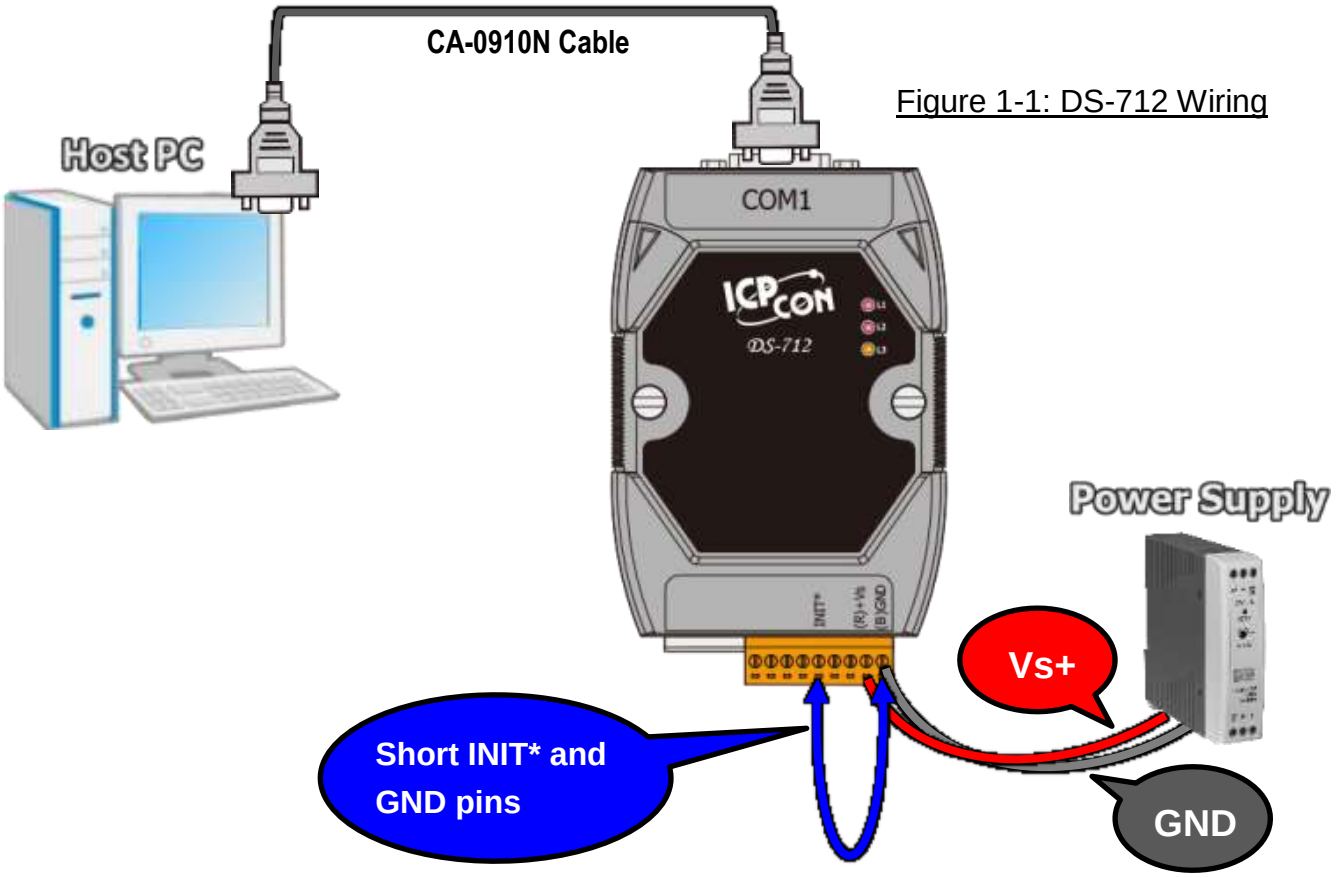
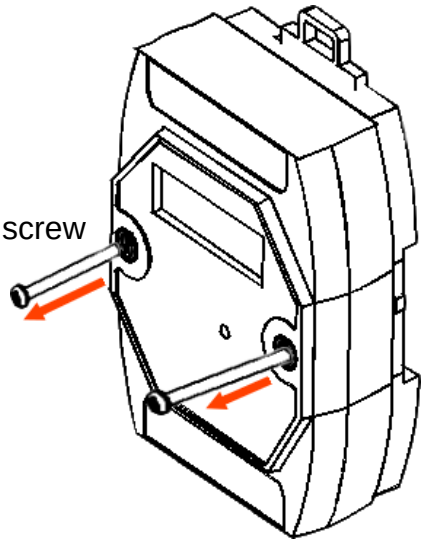


Figure 1-1: DS-712 Wiring

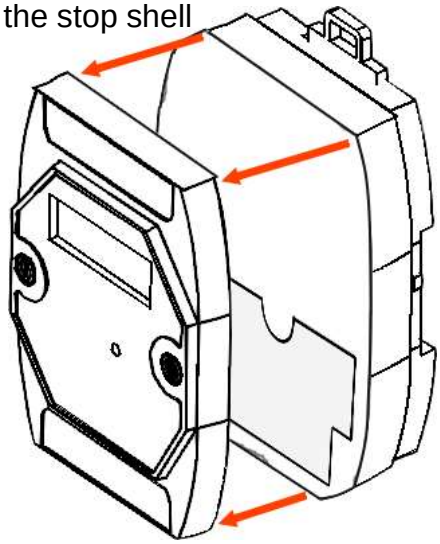
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Figure 1-2: DS-715 Wiring

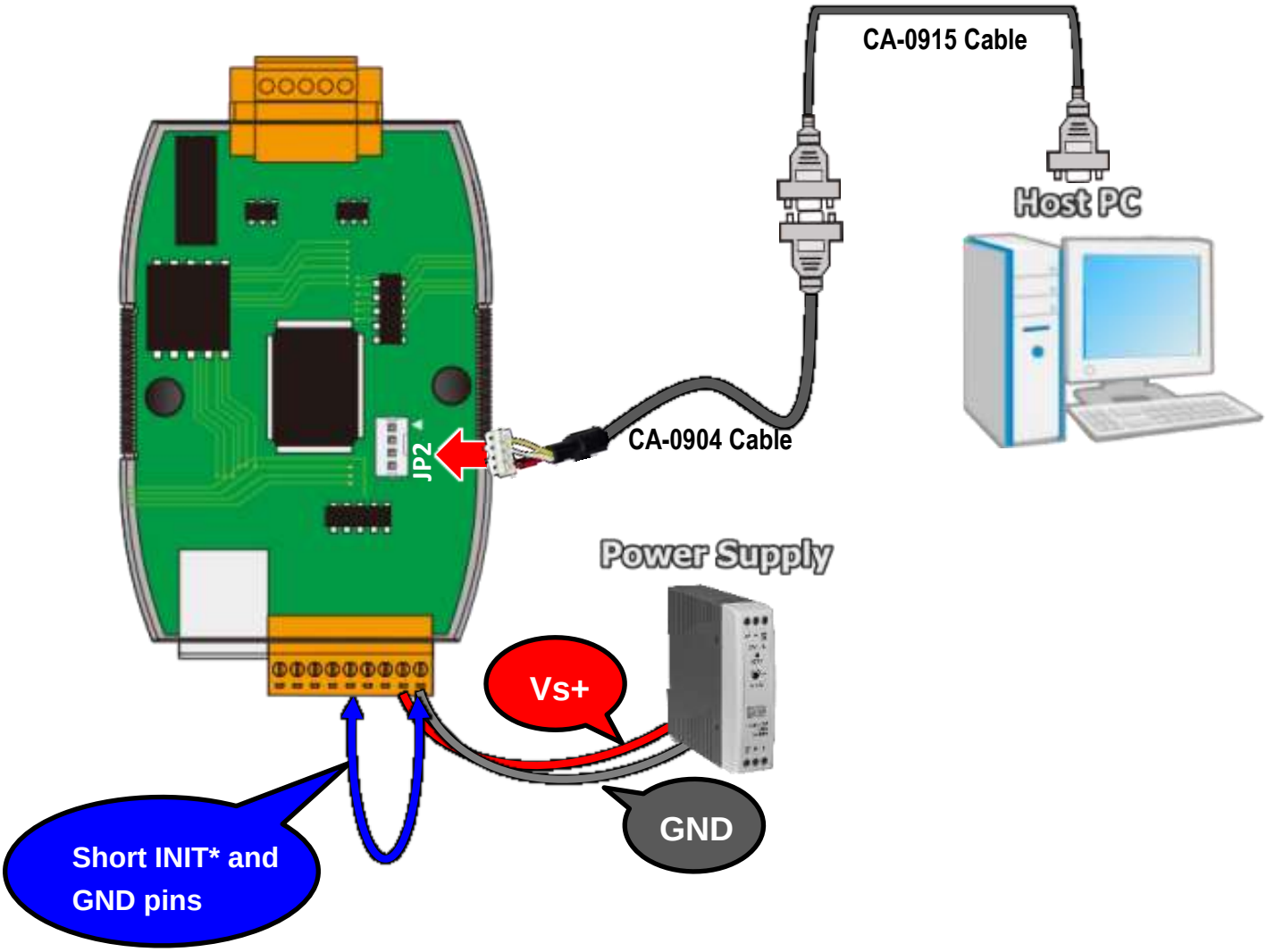
❶ Remove the screw



❷ Remove the stop shell



❸ Connect the JP2 connector (RS-232) to COM Port on Host PC



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2.Firmware Update Procedure

NOTE: DS-700 using the same MiniOS7 and firmware with the PDS-700, and also provides virtual COM features. The DS-700 is non-programmable serial-to-Ethernet devices server while the PDS-700 is programmable.

Step 1: Download the Firmware File of DS-700 module and then decompress it to a temp folder, for example DS700fw.

Download the PDS-700 Firmware File.

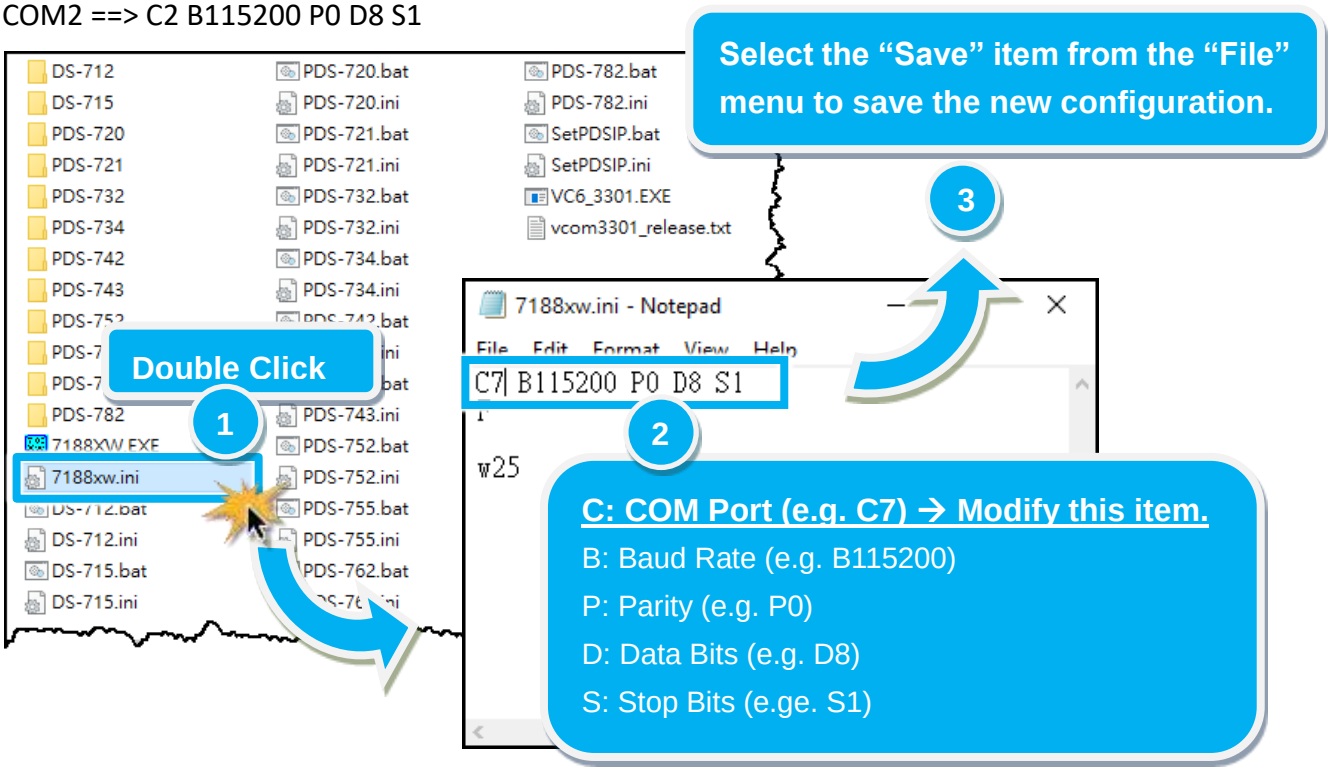
The DS-700 firmware and autoexec.bat files are compressed in Zip format. You can decompress the zip file by 7-Zip, WinZip, WinRAR... utilities.

Step 2: Modify COM Port number in 7188xw.ini file, depend on your PC COM Port that connect to DS-700.

For Example (first parameter of the line 1 in the 7188xw.ini)

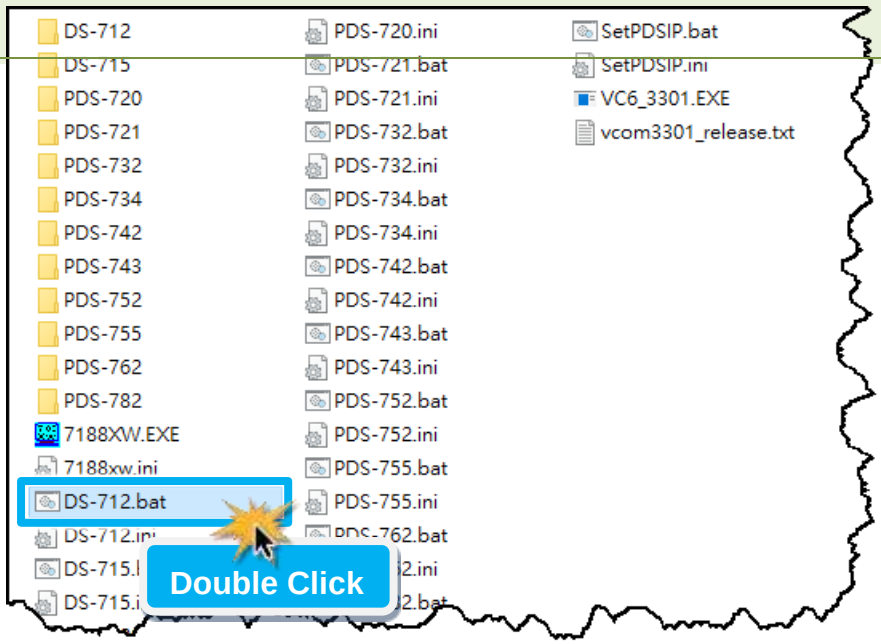
COM1 ==> C1 B115200 P0 D8 S1

COM2 ==> C2 B115200 P0 D8 S1



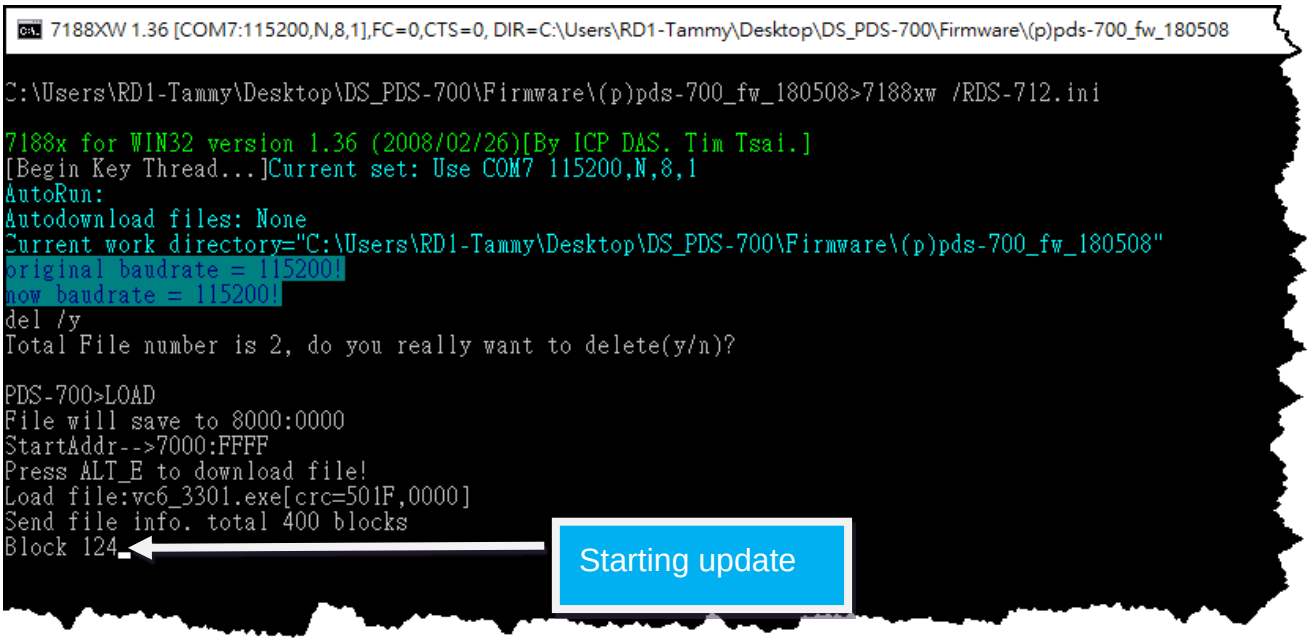
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Step 3: Double click the DS-7xx.bat for starting update. The DS-7xx.bat file is depending on model name of your DS-700 module. Refer to note1 (Page 8) for more details. (e.g. DS-712.bat.)



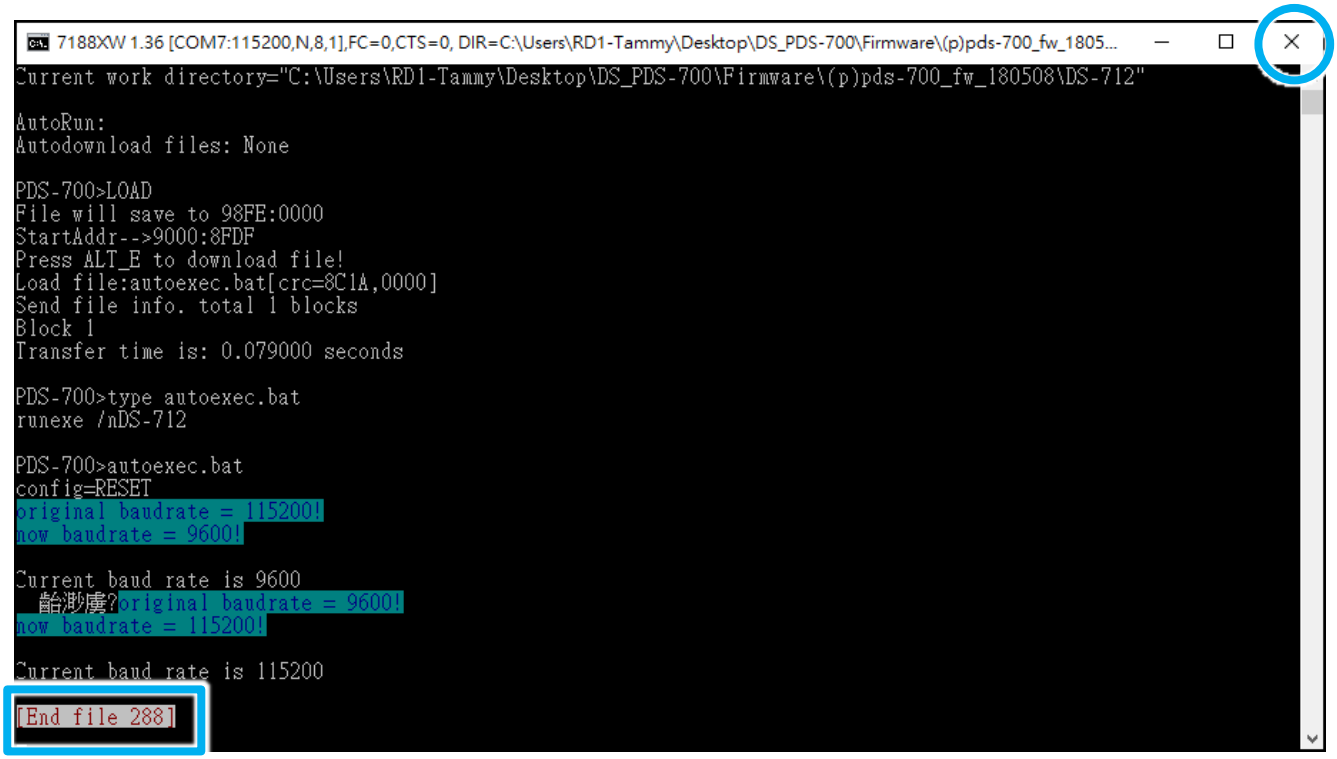
Step 4: You are now ready to update the firmware. The DS-7xx.bat file will auto run the 7188XW.exe utility program and shows the progress of the update.

Step 5: The 7188XW.exe utility program will then upload the firmware and autoexec.bat files into DS-700 module automatically. If the update cannot proceed, please refer to note2 (Page 8).



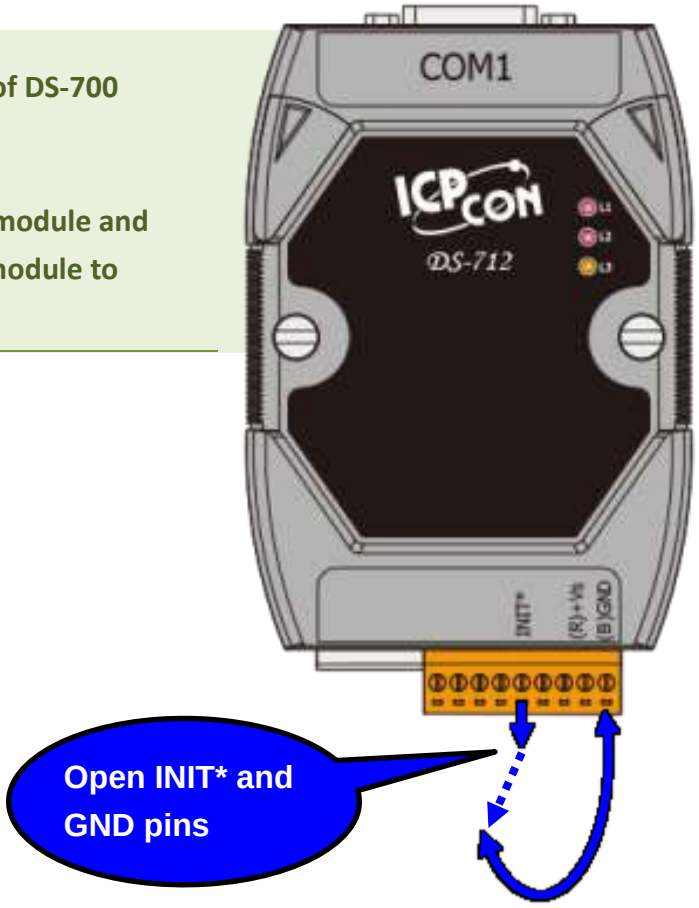
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Step 6: The MiniOS7 update completed when disply [End file xxx] message. Then click the "X" icon on the right-top corner of the windows to close it.



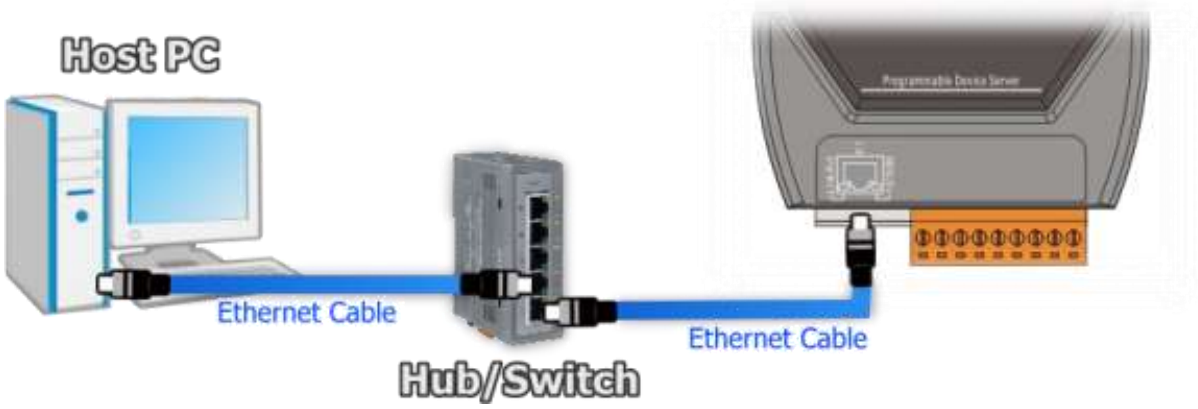
Step 7: Disconnect the INIT* and GND pins of DS-700 module.

Step 8: Switch off the Power to the DS-700 module and then switch it back on again to rebbot the module to "Normal" operation.

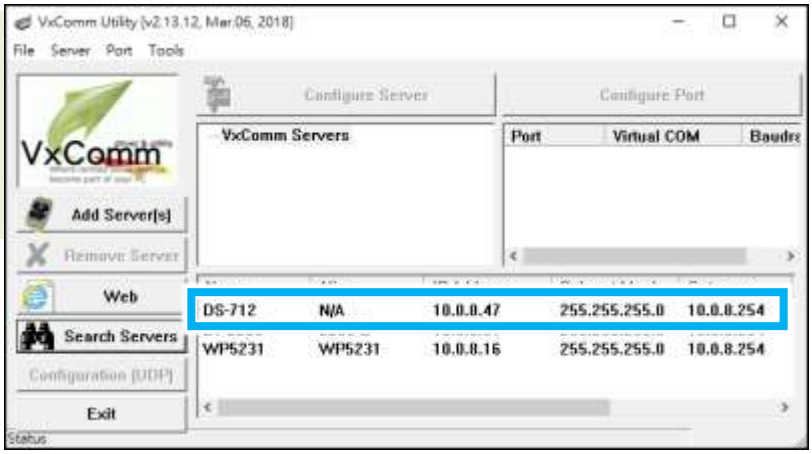


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Step 9: Connect both the DS-700 module and your computer to the same sub network or the same Ethernet Switch.

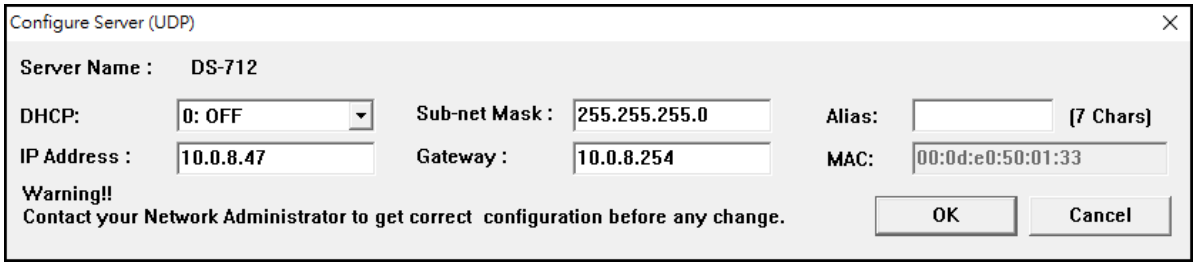


Step 10: Install the VxComm Utility on your Host PC, and then run the Utility to search for any DS-700 module connected to the nework.



Download the VxComm Utility.

Step 11: Configure the correct network settings for the required DS-700 module.



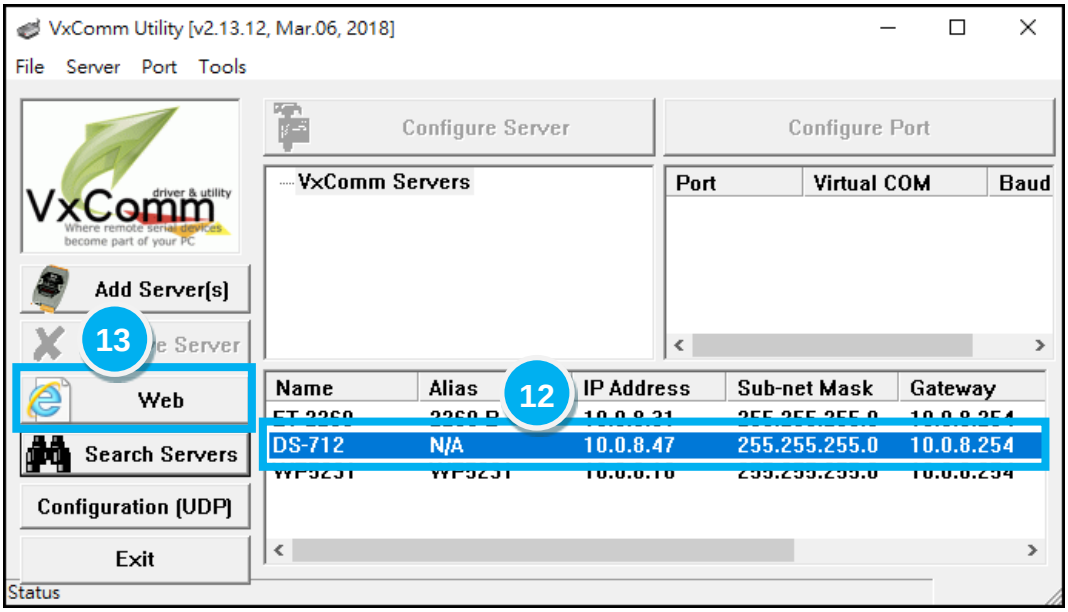
Please refer to **"Chapter 3-Configuring Network Settings"** in the DS-700 Quick Start Guide. If the IP address settings do not work correctly, please refer to **note3 (Page 8)**.

Download the Quick Start Guide.

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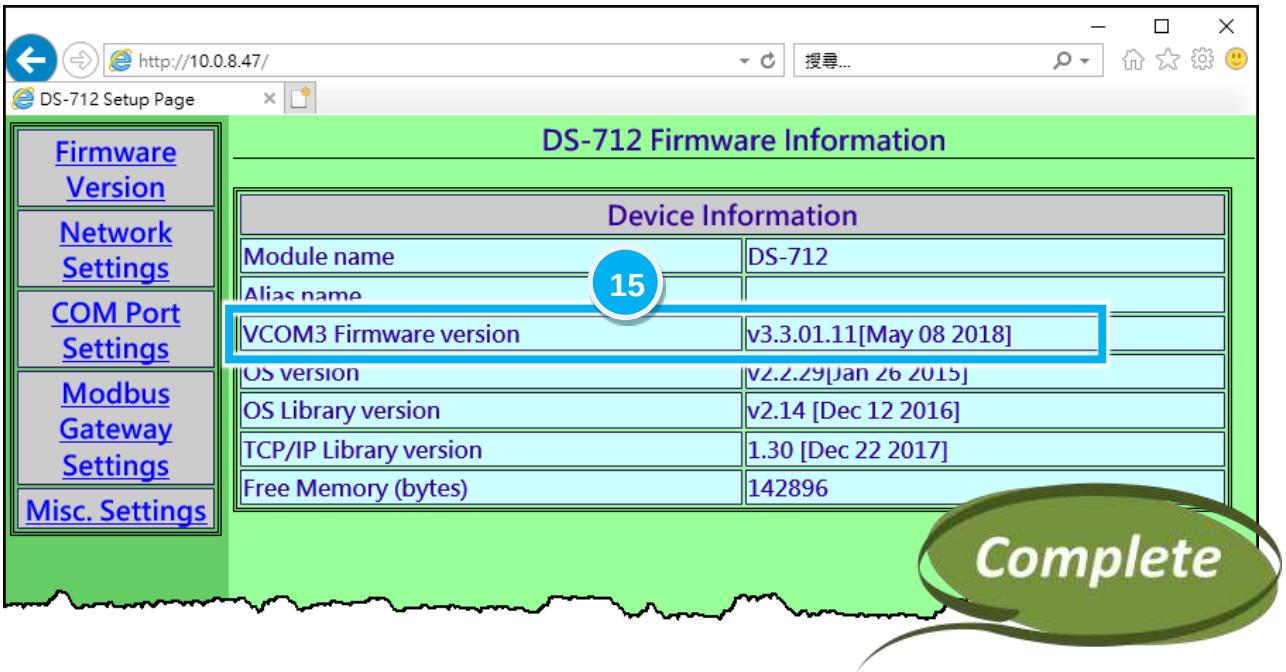
Step 12: Click the name of the DS-700 module.

Step 13: Click the "Web" button.



Step 14: Log in to the web configuration pages for the DS-700.

Step 15: Verify that the firmware version and date details are correct.



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3. Additional Information

Notes:

Note 1: The DS-7xx.bat file is depending on model name of your DS-700. If wrong DS-7xx.bat file that may cause your DS-700 does not work correctly and you need to update it with a correct firmware again. ..... back

Note 2: Make sure the 7188XW.exe and autoexec.bat program files exist on the same folder. If not, update firmware can't be successful. ..... back

Note 3: If the IP address settings do not work correctly (e.g. there is no response to a ping command), please contact your network administrator to obtain a valid IP address for the DS-700 module. ..... back

Note 4: 7-Zip—Free Archiving (Compress and Decompress) Utility

7-Zip is a free archiving utility, you can get it from the following web:

http://www.7-zip.org/

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