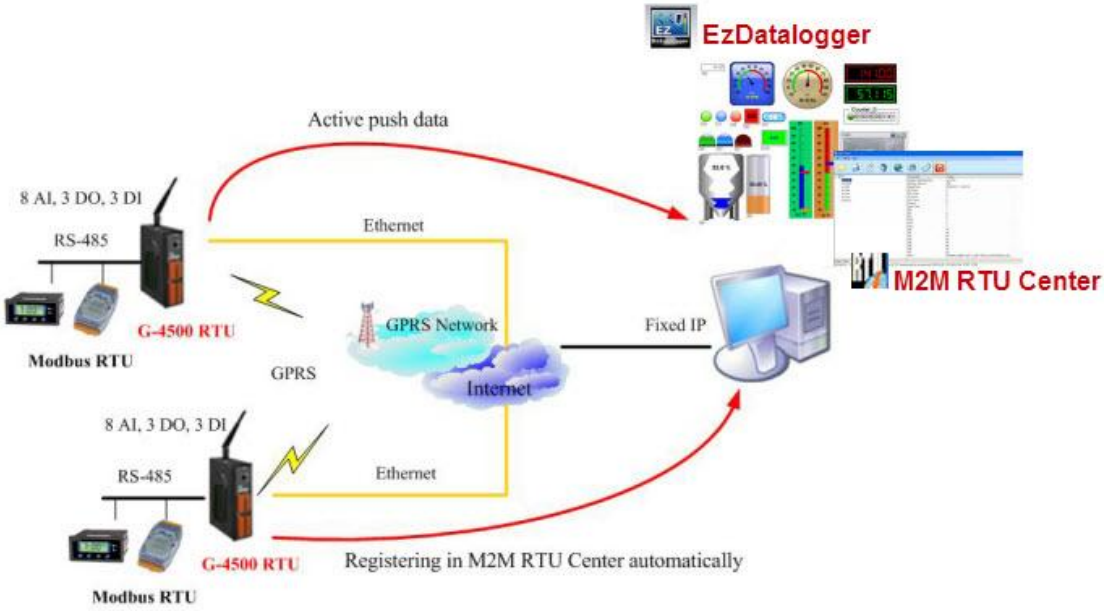
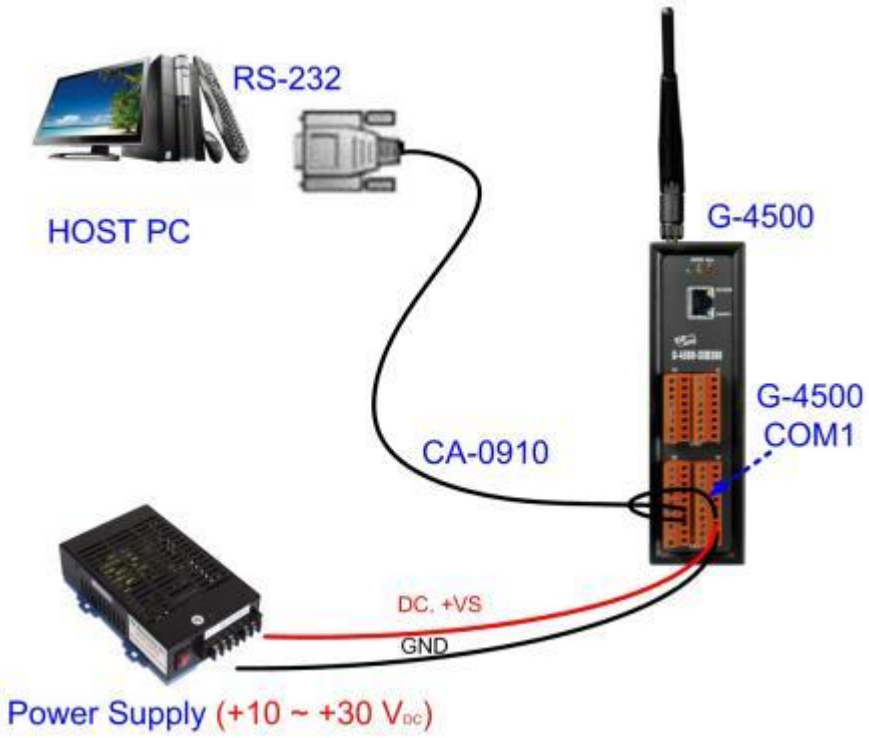
Quick Start

EZ Data Logger connect to G-4500



1. Upload the latest firmware to G-4500

Step1. Hardware connection: use the COM Port of Host PC connects to G-4500 with cable CA-0910. Please refer to the picture below.



Step2. Turn the dip switch to INIT mode and restart the G-4500 power



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Step3. Download the below software

✓ Download the MiniOS7 Utility software (Ver3.2.4)

http://ftp.icpdas.com/pub/cd/8000cd/napdos/minios7/utility/minios7_utility/

✓ MiniOS7 Utility document

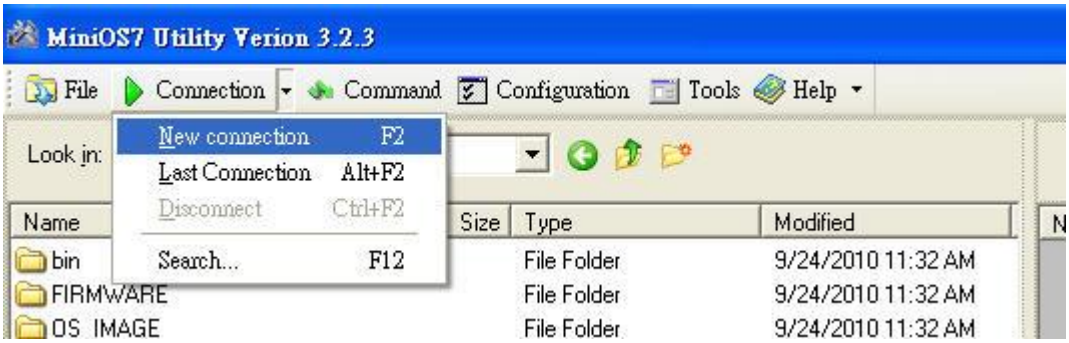
http://ftp.icpdas.com/pub/cd/8000cd/napdos/minios7/utility/minios7_utility/minios7_utility.pdf

✓ G-4500 RTU firmware

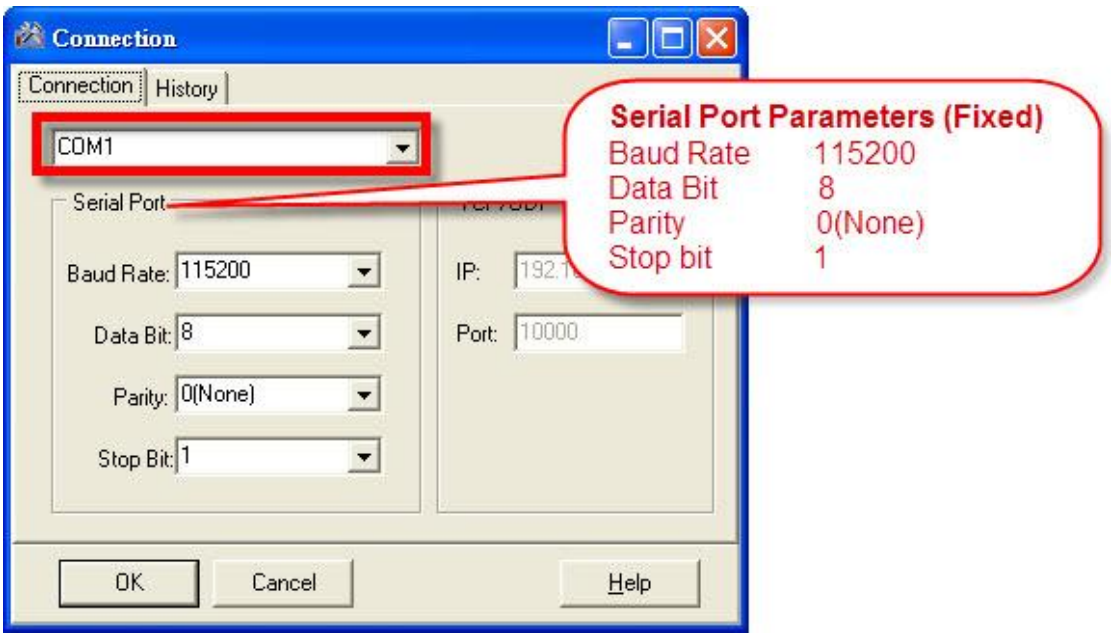
http://ftp.icpdas.com/pub/cd/usbcd/napdos/m2m/rtu/g-4500_rtu/software/firmware/

Step4. Upload the firmware to G-4500 via COM Port

(1) Choose MenuBar > Connection, and then click new connection.

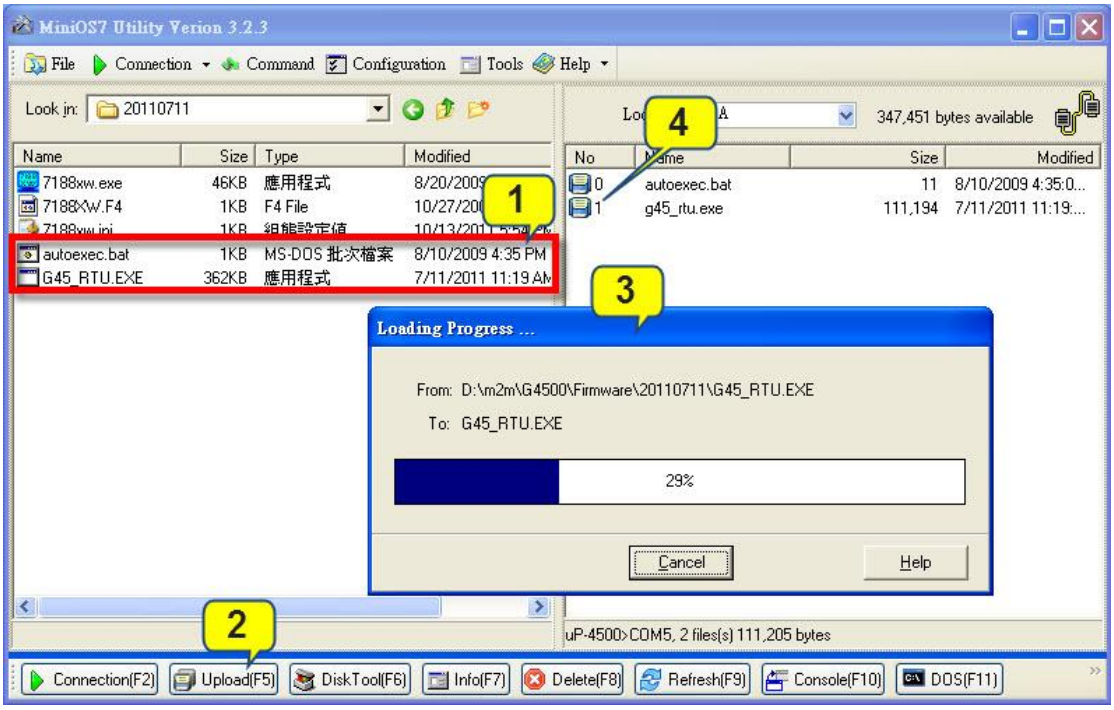


(2) Select your number of COM Port.



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(3) Select the G45_RTU.exe and autoexec.bat, and then click the“Upload” Button to upload the firmware.



(4) Turn the dip switch to RUN mode and restart the G-4500 power after upload the firmware successfully.



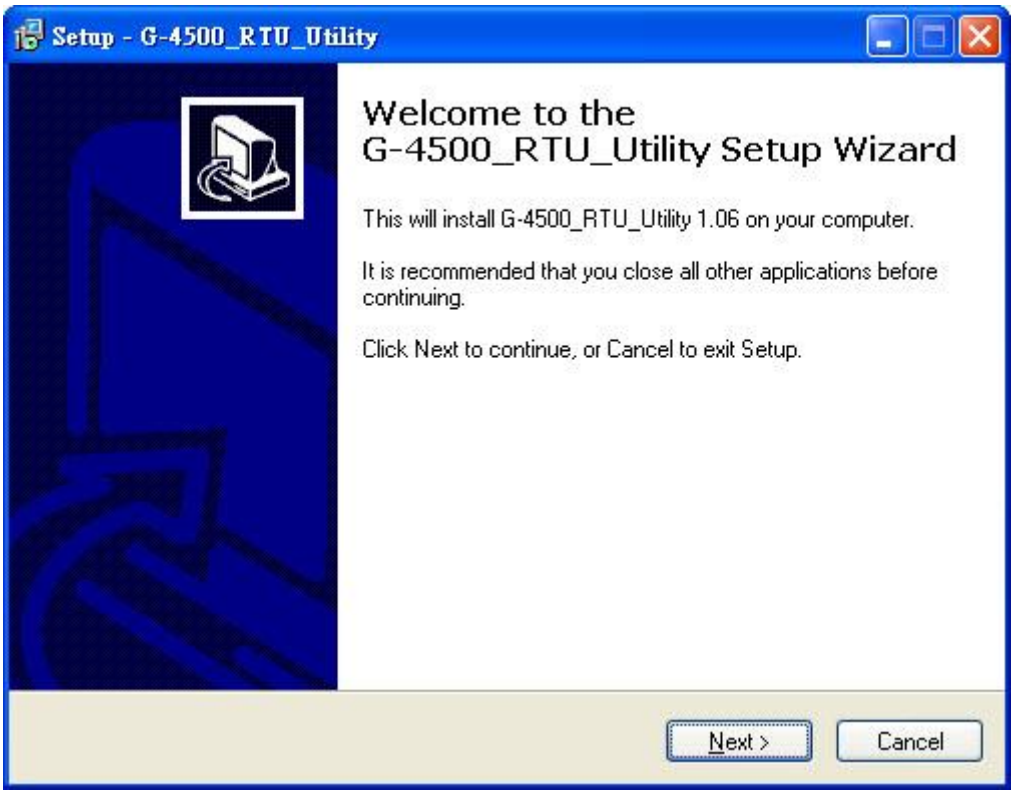
2. Set your G-4500 by G-4500_RTU_Utility

Step1. Download the Setup.exe (Ver1.06)
http://ftp.icpdas.com/pub/cd/usbcd/napdos/m2m/rtu/g-4500_rtu/software/utility/

Step2. Installing G-4500 RTU Utility

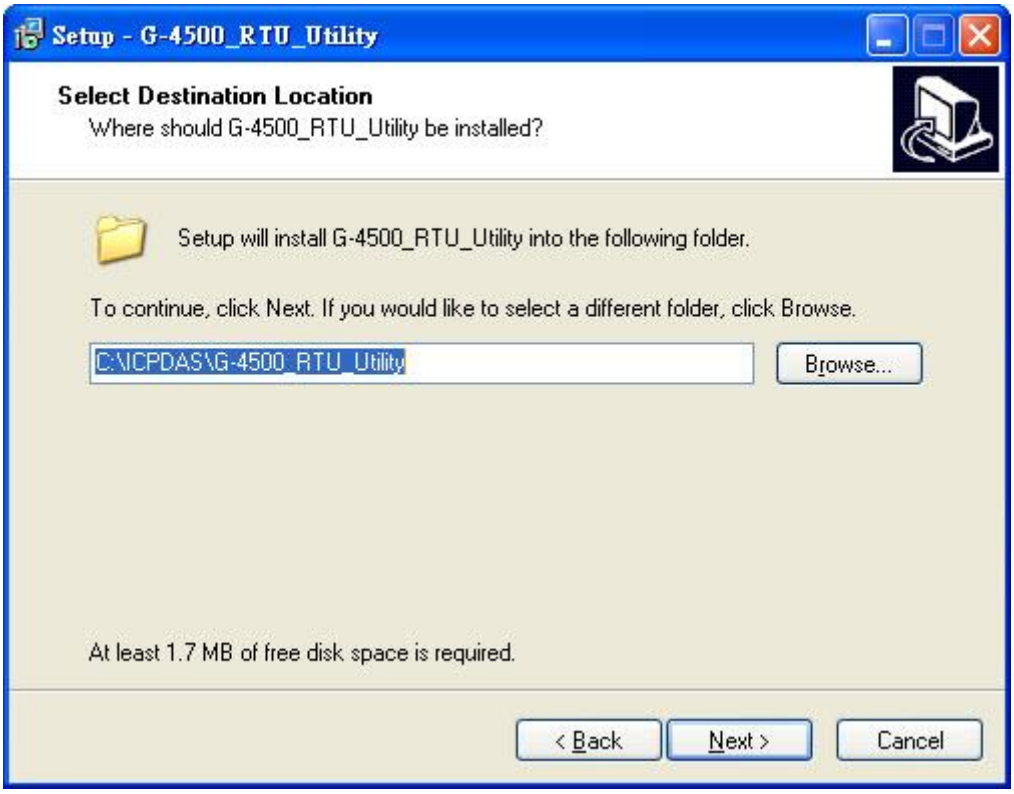
> **Note:**
>
> It needs the runtime environment with .NET Framework 2.0 or above to execute the G-4500 RTU Utility in the PC.
>
> ★ Microsoft .Net Framework Version 2.0:
> http://www.microsoft.com/downloads/details.aspx?FamilyID=0856eacb-4362-4b0d-8edd-aab15c5e04f5&DisplayLang=en
>
> ★ Microsoft .Net Framework Version 3.5:
> http://www.microsoft.com/downloads/details.aspx?familyid=333325FD-AE52-4E35-B531-508D977D32A6&displaylang=en

(1) Execute Setup.exe
(2) Press “Next” to start the installation procedure.

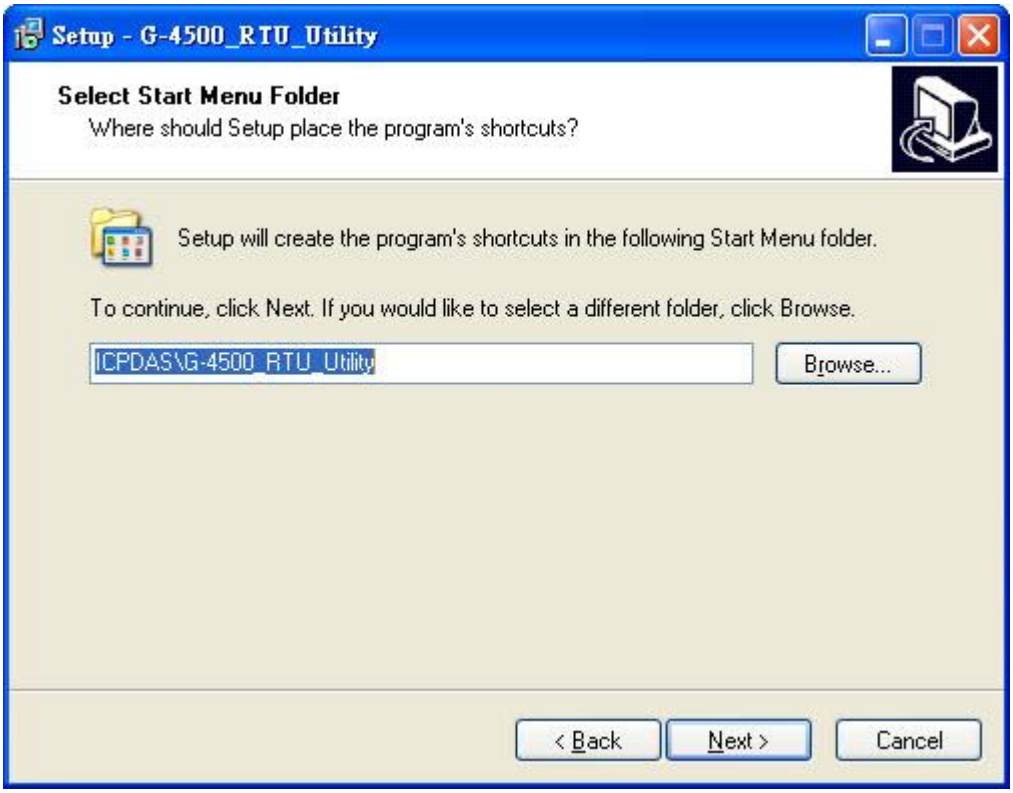


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(3) Select the installation path. The default path is ”C:\ICPDAS\G-4500_RTU_Utility”. Press “Next” to the next step.

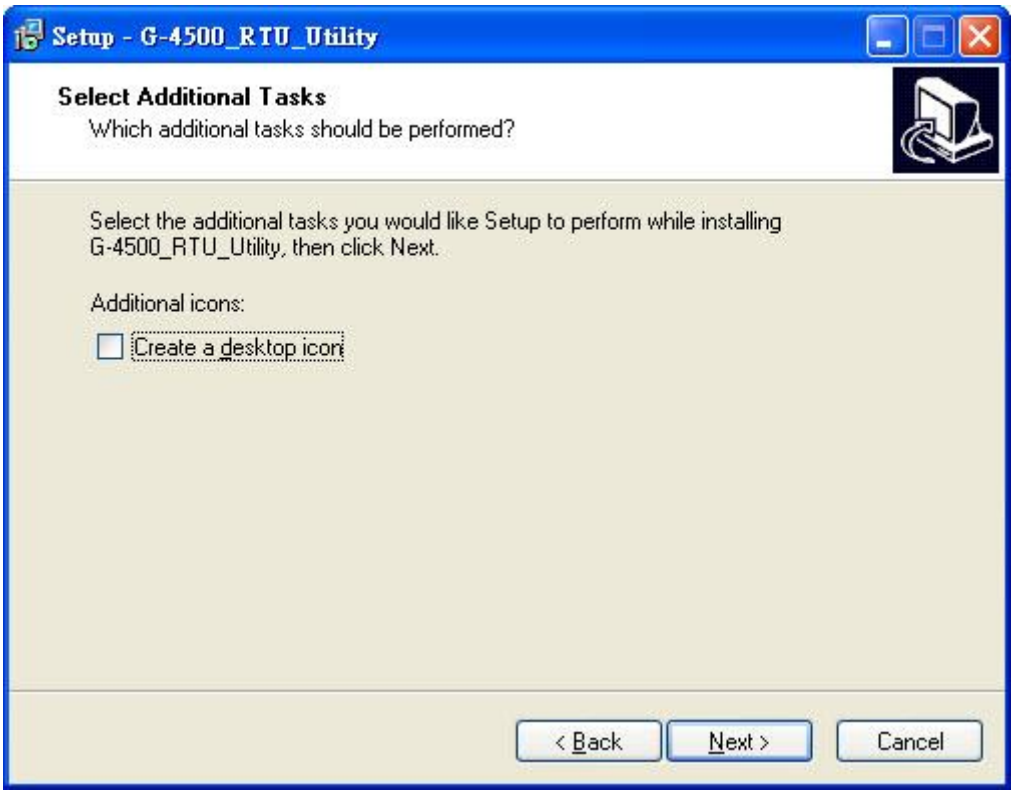


(4) Select the start menu folder path. The default path is ” ICPDAS\G-4500_RTU_Utility”. Press “Next” to the next step.

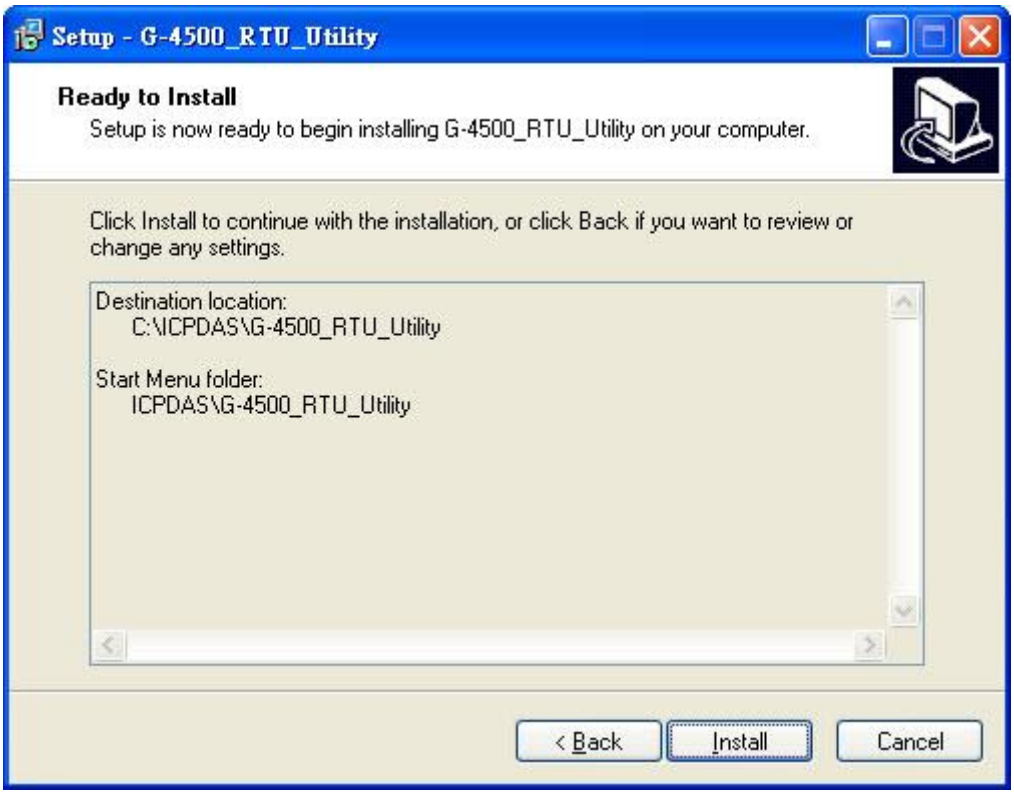


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(5) Press “Next” to the next step.

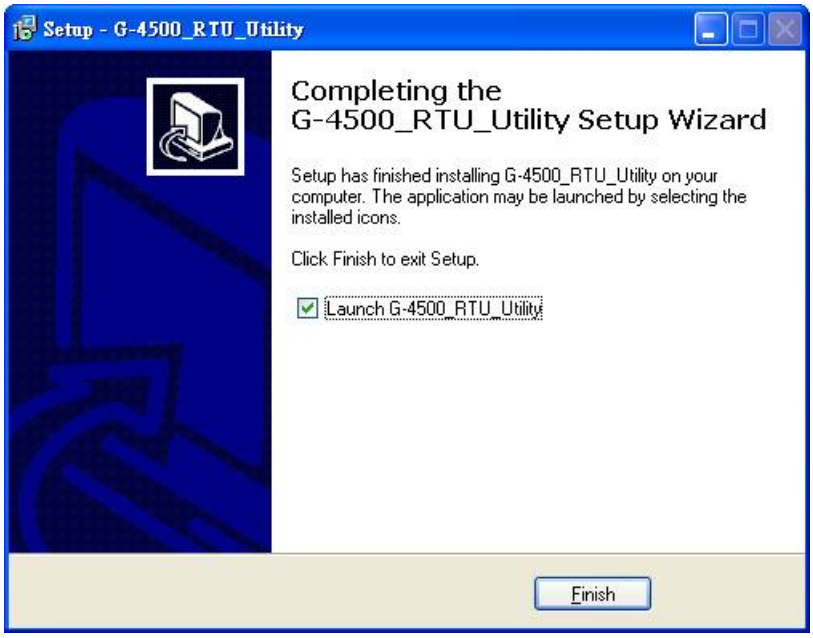


(6) Press “Install” to the next step.



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(7) Press ”Finish” to finish the installation procedure.



Step3. Launch G-4500_RTU_Utility from the start menu ”Start→All Programs→ICPDAS→G-4500_RTU_Utility→G-4500_RTU_Utility”.

Step4. It needs to login into G-4500 RTU to set its parameters.

(1) Select the COM port number of PC.

(2) Press the “login” button.

(3) Choose “Main Parameter”.



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Step5. Set the main parameter.

(1) Station ID: The device Station ID would be shown in the remote server. (Range: 1 ~ 65535)

(2) Connect Method: 4 methods are supported for G-4500 RTU to connect to remote server.

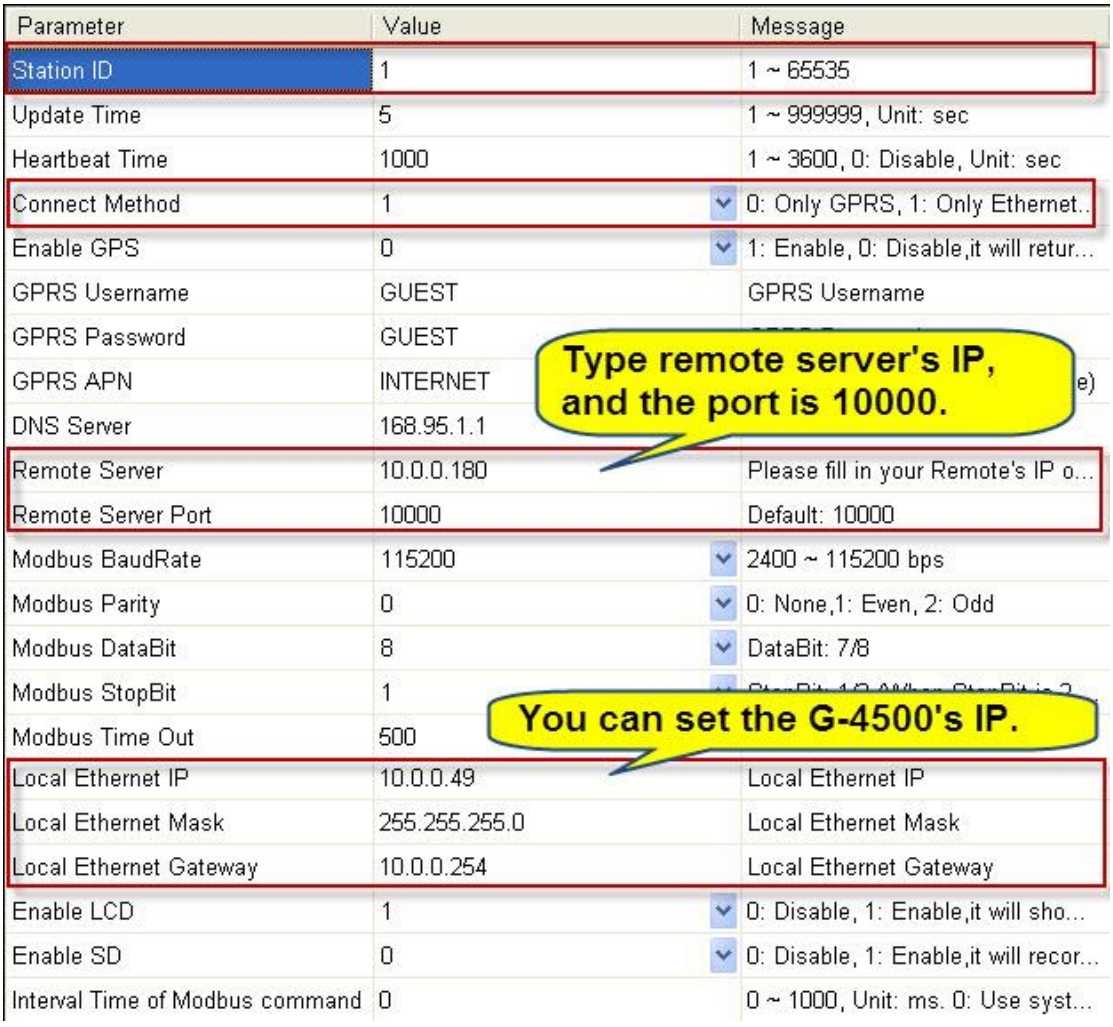
(3) Remote Server: Connect to assignable remote server. It can be remote server's IP or remote server's Domain name.

(4) Remote Server Port: Connect to assignable remote server port.

(5) Local Ethernet IP: Local Ethernet IP of the G-4500

(6) Local Ethernet Mask: Local Ethernet Mask of the G-4500

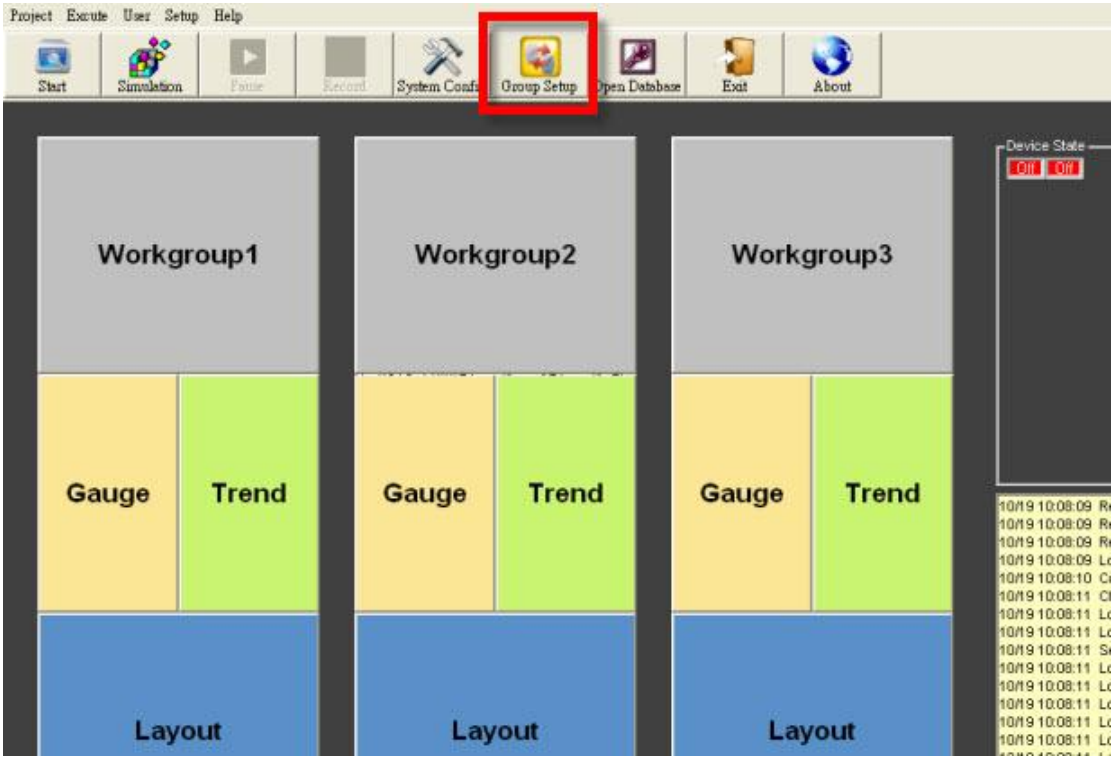
(7) Local Ethernet Gateway: Local Ethernet Gateway of the G-4500



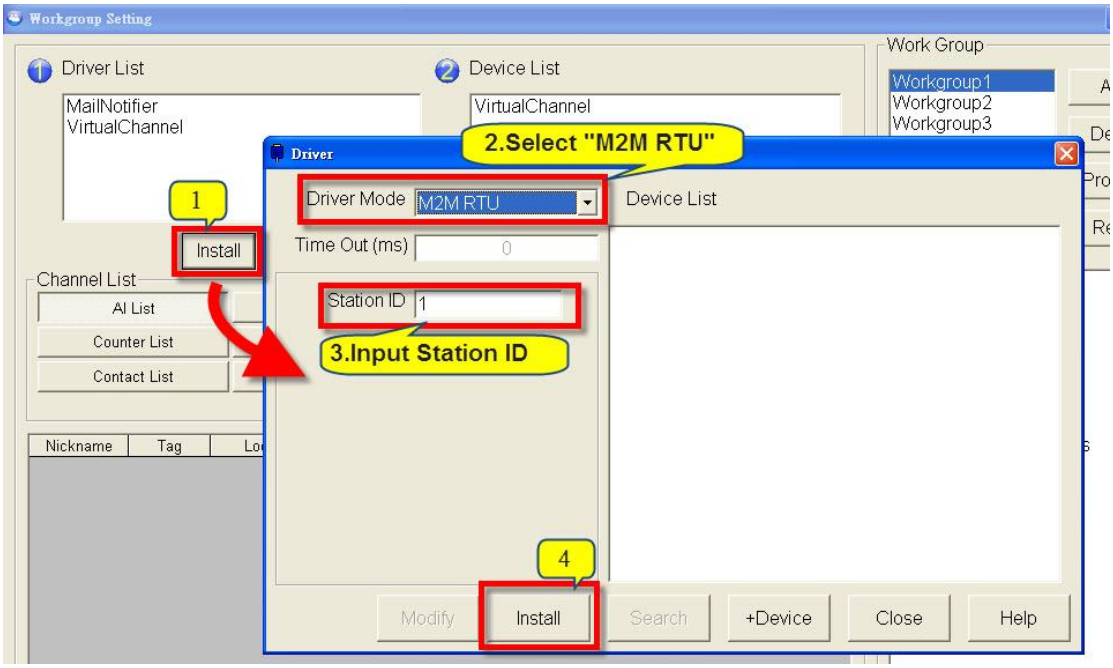
Step6. Press "Write to Device" to save these settings to G-4500 RTU.

3. Set G-4500 local I/O connection in EZ Data Logger

Step1. Open “EZ Data Logger” → click “Group Setup”.

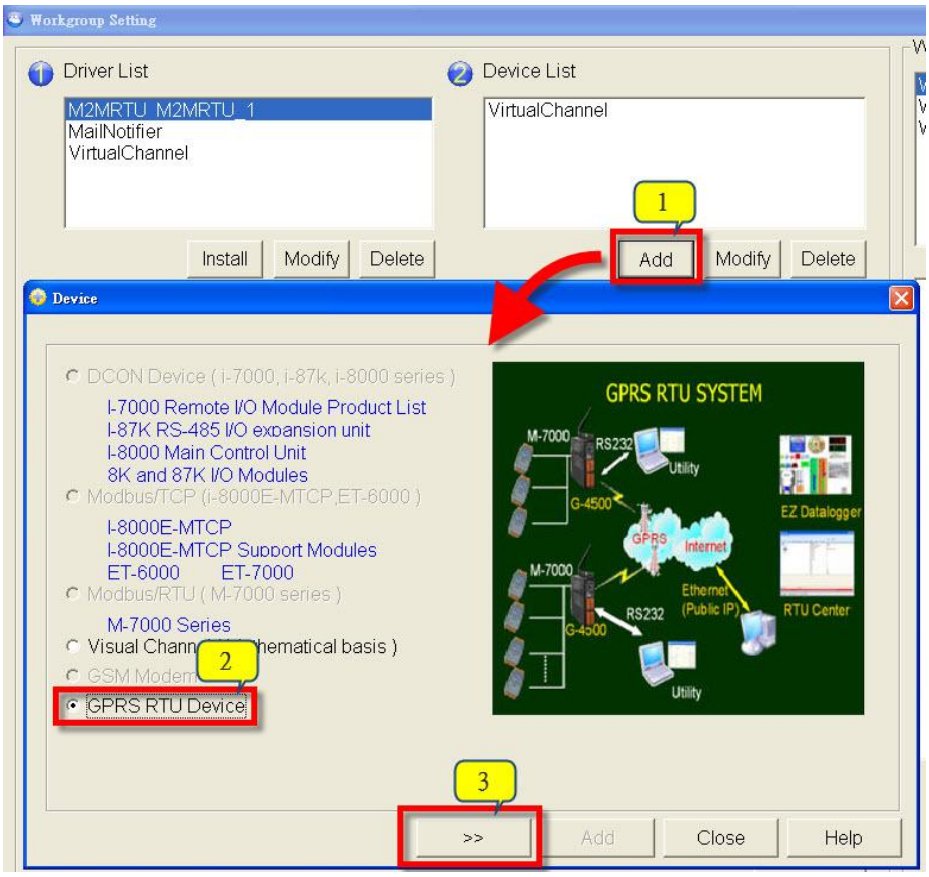


Step2. Install “M2M RTU” driver.

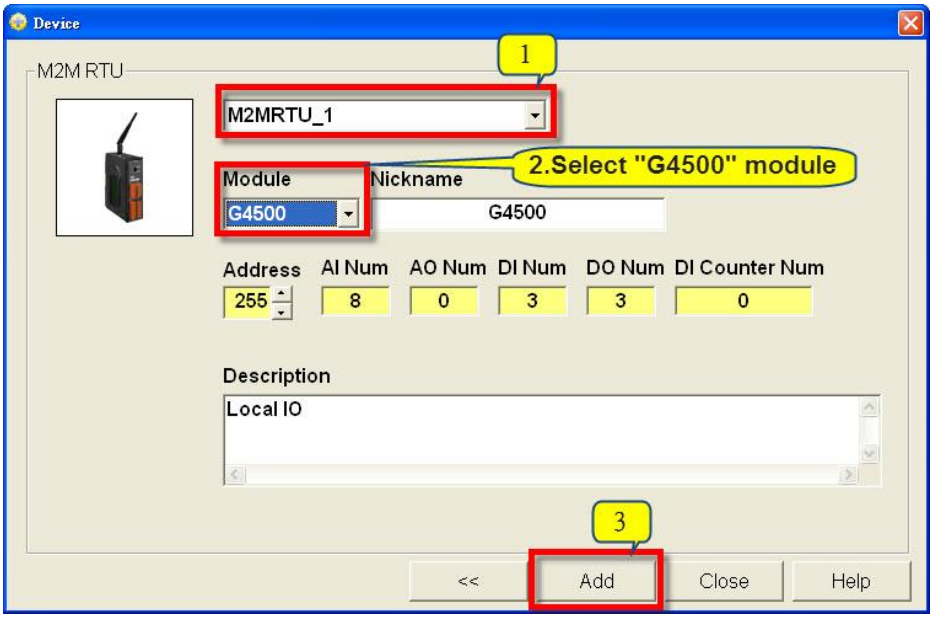


Step3. Add a new device.

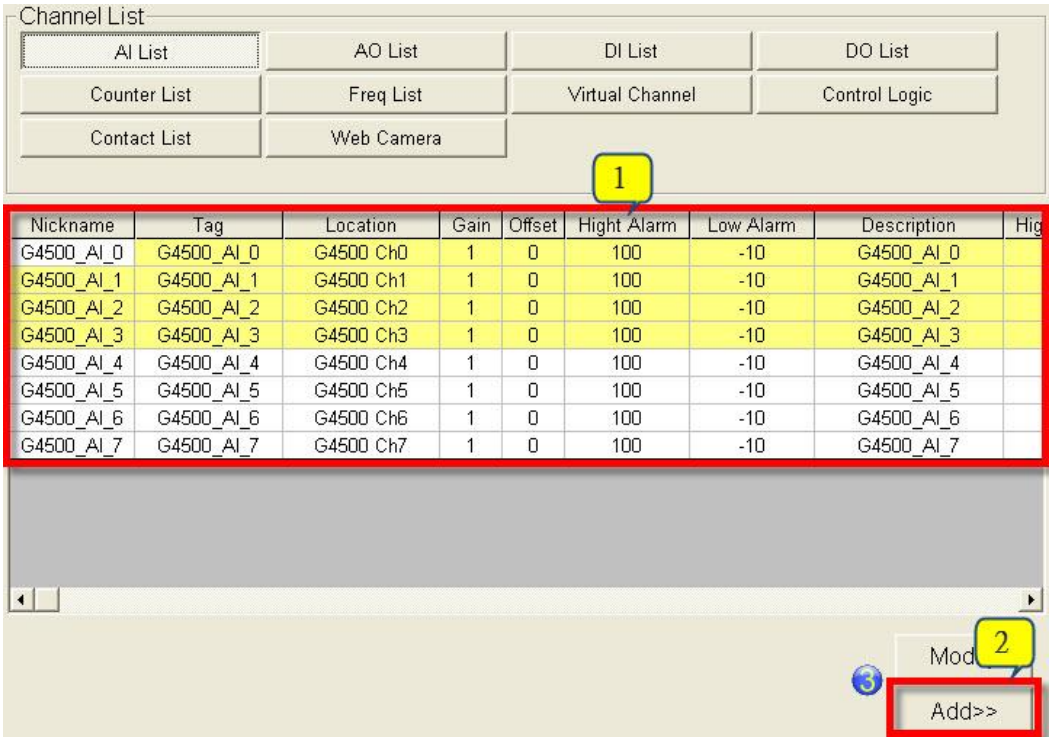
Step3.1. Click “Add” button under Device List → choose “GPRS RTU Device” → click “>>” to next step.



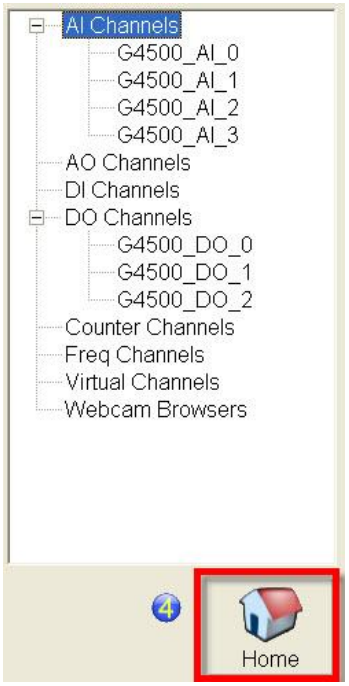
Step3.2. Select “M2MRTU_1” driver → select “G4500” module for filling I/O channels automatically → click “Add” button to add the device.



Step4. All the channels can be added to the specified group.
Drag to select channels with left mouse button → click “Add” to add I/O channels to specified group



Step5. After all setting done, click “Home” button to back to the main screen.

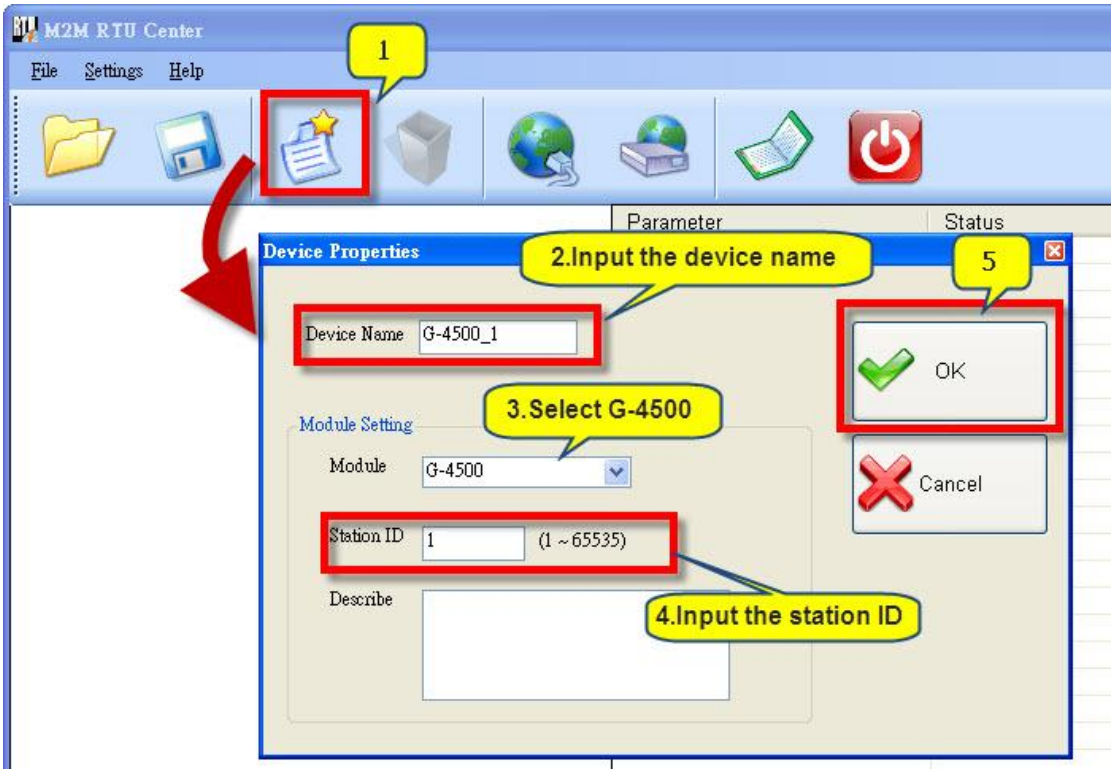


Step6. Open RTU_Center.

If you have installed the “M2M RTU” driver in the project, then every time when the EZ Data Logger main screen loads, the “RTU_Center” application will automatically execute, and you can bring it back from the system tray by double click the RTU_Center icon.

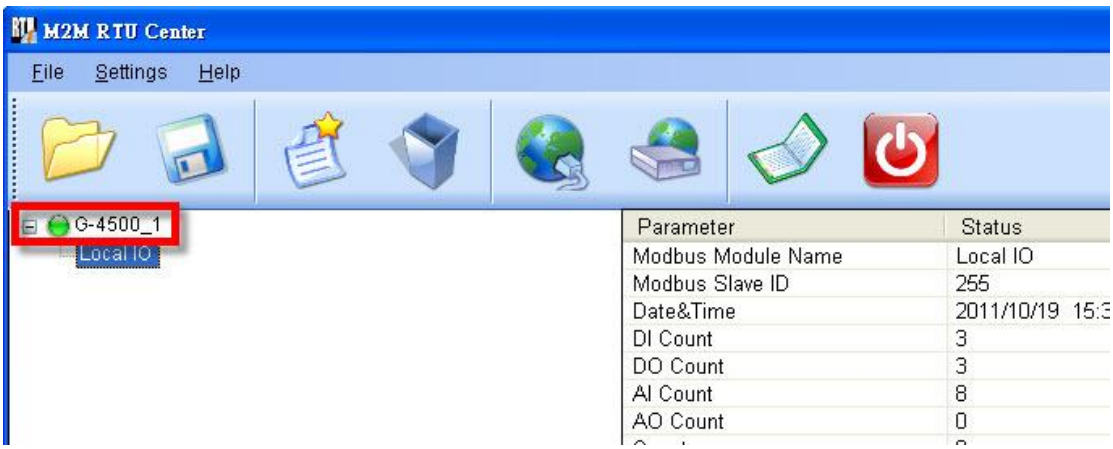
※ RTU_Center software manages the connection from M2M RTU devices.

Step7. Set the Connection from G-4500 by RTU_Center.



Step8. Make sure that the connection from G4500 is successful.

Before executing EZ Data Logger, you should check the connection status by RTU_Center.(Green means success, and red means fail.)



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Step9. Execute EZ Data Logger

