tGW-700 Series

FAQ



Tiny Modbus/TCP to RTU/ASCII Gateway

FAQ

1.

Q: How to make a brand new tGW-700 module working in a large network?

A: It is difficult to estimate the number of Switches/Routers that TCP/IP communications are required to pass through when the device is operating in a large and complex network environment. When a brand-new device is first installed online, it will take time for the routing tables for all the Switches/Routers in the network to be updated. It might also be the case that the configurations of the Switches/Routers may not be set to their optimum parameters. In these conditions, it may be difficult for the network to search or connect to the device.

In order to update all the necessary routing tables of the Switches/Routers, you can directly connect the tGW-700 module to the remote host computer. After resetting the configuration of the module, the connection to tGW-700 from the host computer can be completed immediately. Please refer to following steps for a more detailed explanation:

Step 1:

Type the IP Address of the tGW-700 module into your web browser's address bar and navigate to the web configuration page.

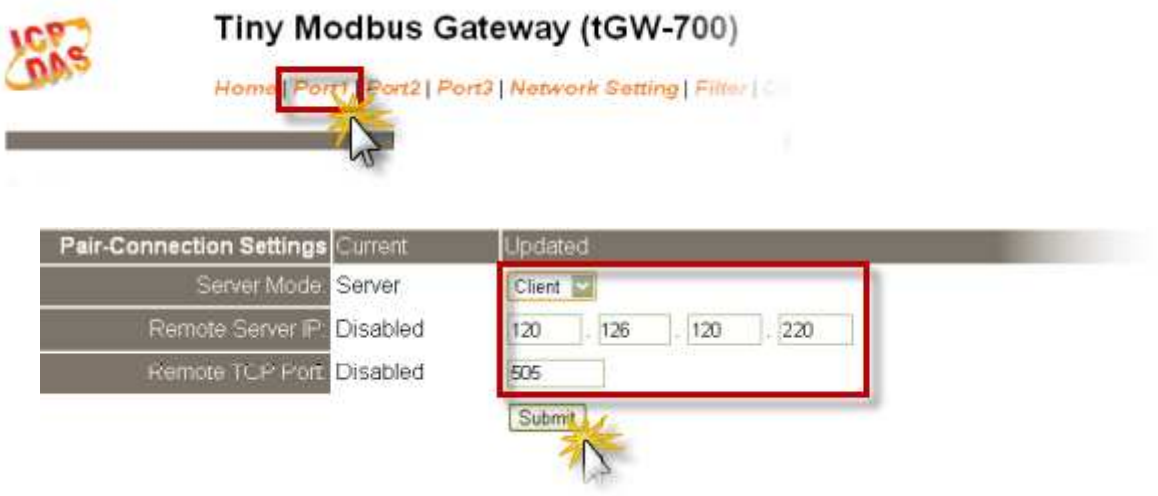


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Step 2:
Select the link for 【Port1】and configure in the “Pair-Connection Settings” by entering the appropriate values in the form.
Server Mode: Select 【Client】 from the server mode dropdown menu.
Remote Server IP: Enter the IP Address of the remote host computer
Remote TCP Port: Enter the port that you want to connect to.
And then click the 【Submit】 button.

Example:
Server Mode：【Client】
Remote Server IP：【120.126.XXX.XXX】
Remote TCP Port：【505】

Refer to the image below for more details.



Step 3:
Select【Server】 from the Server Mode dropdown menu and then click the Submit button to complete the configuration.
Refer to the Image below for more details:

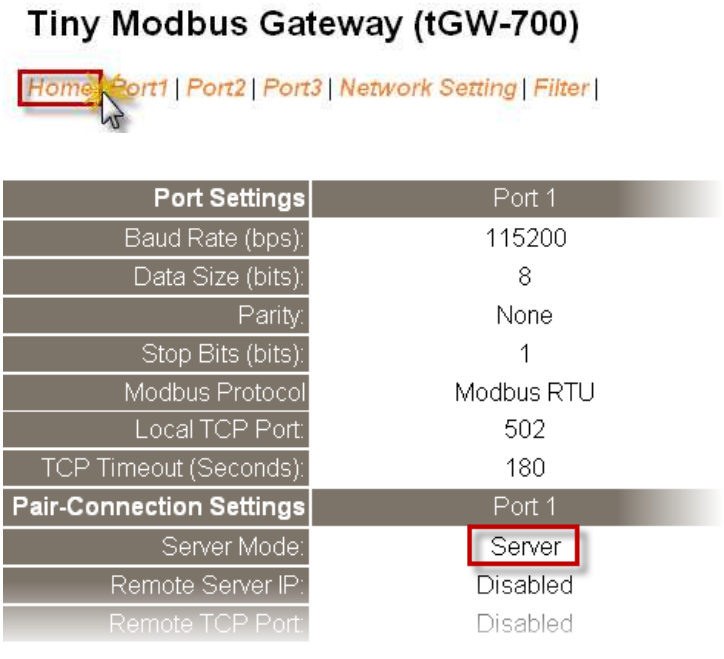


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Step 4:

Select the "Home" link and make sure that all the serial ports are in Server Mode.

Refer to the Image below for more details:



Once you have completed the step above, the connection from the host computer to the tGW-700 can now be established immediately.

Note: Please check the configuration of Switches/Routers; Make sure the Switches/Routers can't deny the MAC/IP address of tGW-700 and Modbus TCP Port 502.

(The End)

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