



Logicbus GW-7472 Ethernet/IP to Modbus Gateway User Guide

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GW-7472 QUICK START
For GW-7472
Dec. 2014/ Version 2.1

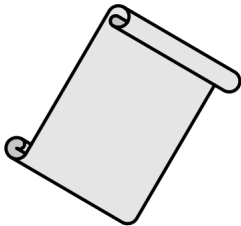


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What's in the shipping package?

The package includes the following items:

	GW-7472
	Software CD
	Quick Start Guide(This Document)
	CA-002 (DC connector to 2-wire power cable)

Installing software on your PC

Install GW-7472 Utility:

The software is located at Fieldbus_CD:\EtherNetIP\Gateway\GW-7472\Utility

http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/utility/

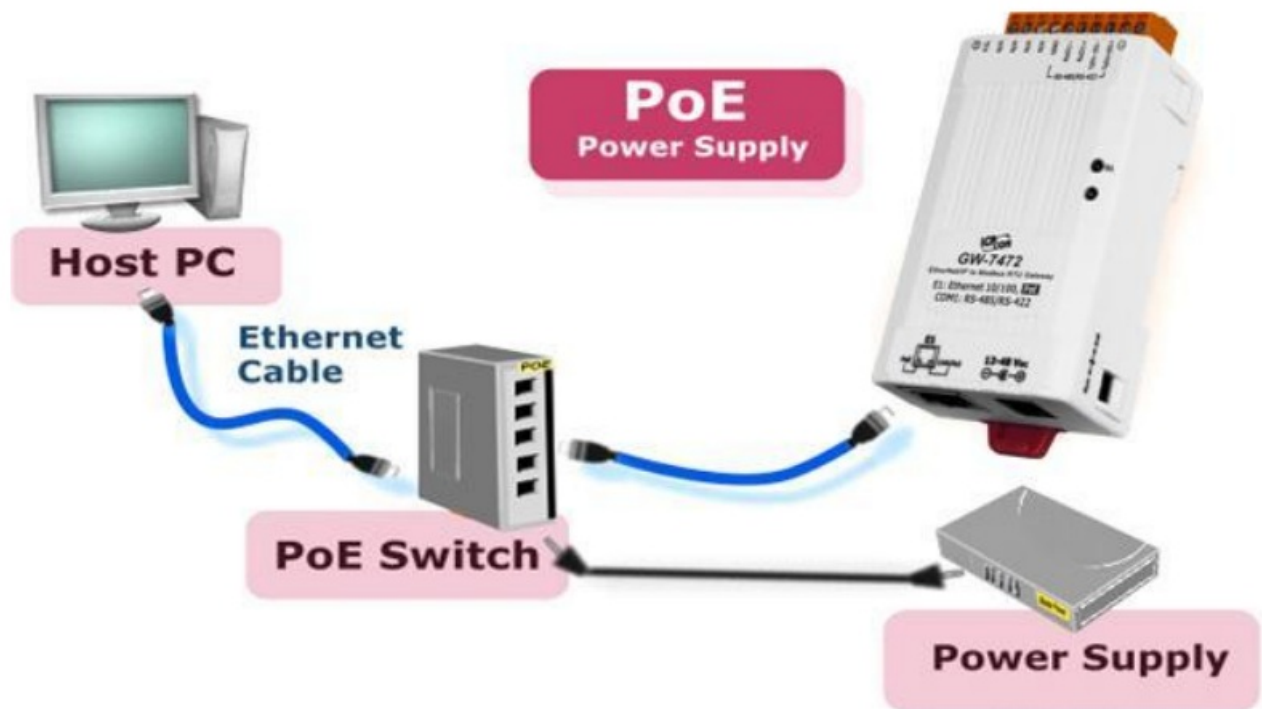
Connecting the Power and Host PC

1. Make sure your PC has workable network settings.
2. Disable or well configure your Windows firewall and anti-virus firewall first, else the “Network Scan” on steps 4, 5, and 6 may not work. (Please contact your system Administrator)
3. Check Init/Run DIP switch if it is in the Init position.



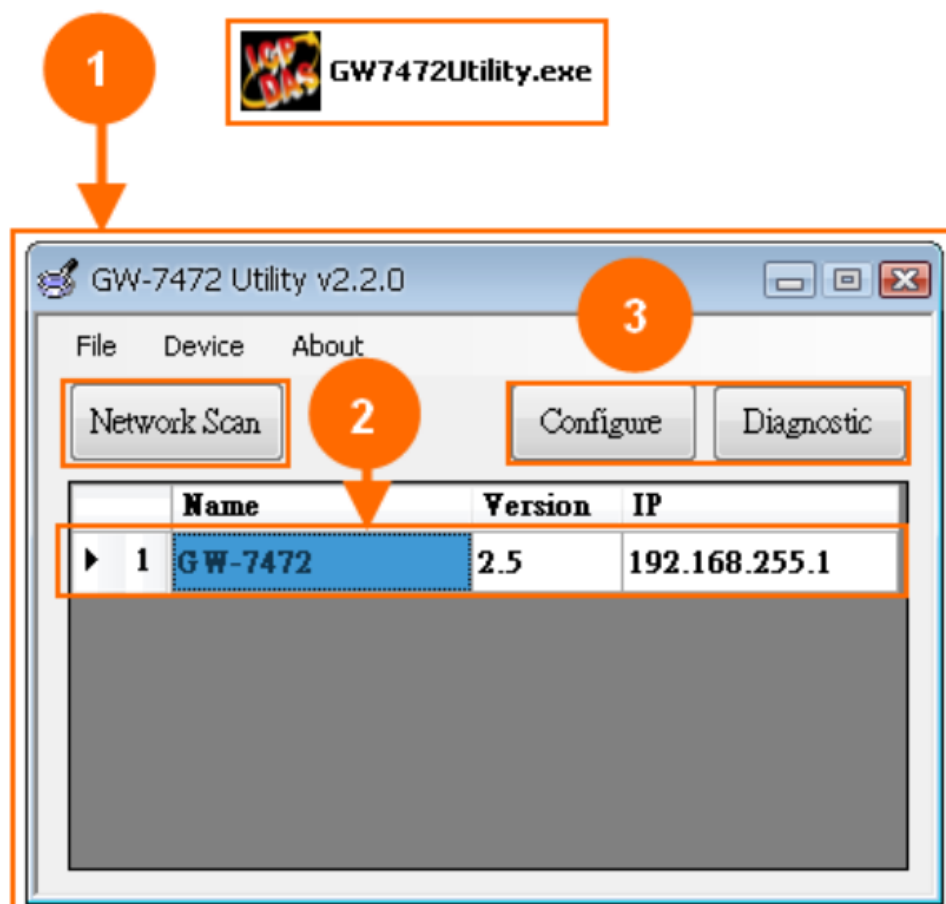
4. Connect both the GW-7472 and your computer to the same sub-network or the same Ethernet switch, and power the GW7472 on.





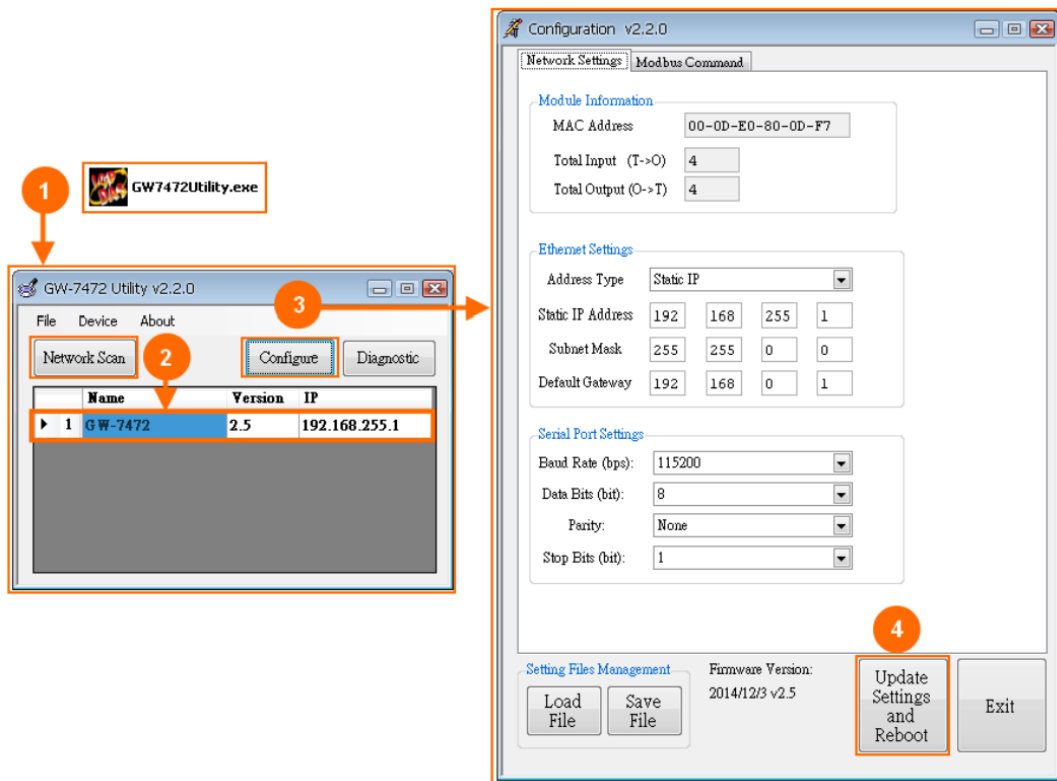
Searching the GW-7472

1. Double-click the GW-7472 Utility shortcut on the desktop.
2. Click the "Network Scan" button to search your GW-7472.
3. Select the "Configure" or "Diagnostic" buttons to configure or test the module



Module configuration

1. Double-click the GW-7472 Utility shortcut on the desktop.
2. Click the “Network Scan” button to search your GW-7472.
3. Select the “Configure” buttons to configure the module
4. After setting, click the “Update Settings” button to finish the



Item	Settings (Init Mode)
IP	192.168.255.1
Gateway	192.168.0.1
Mask	255.255.0.0

Item Descriptions:

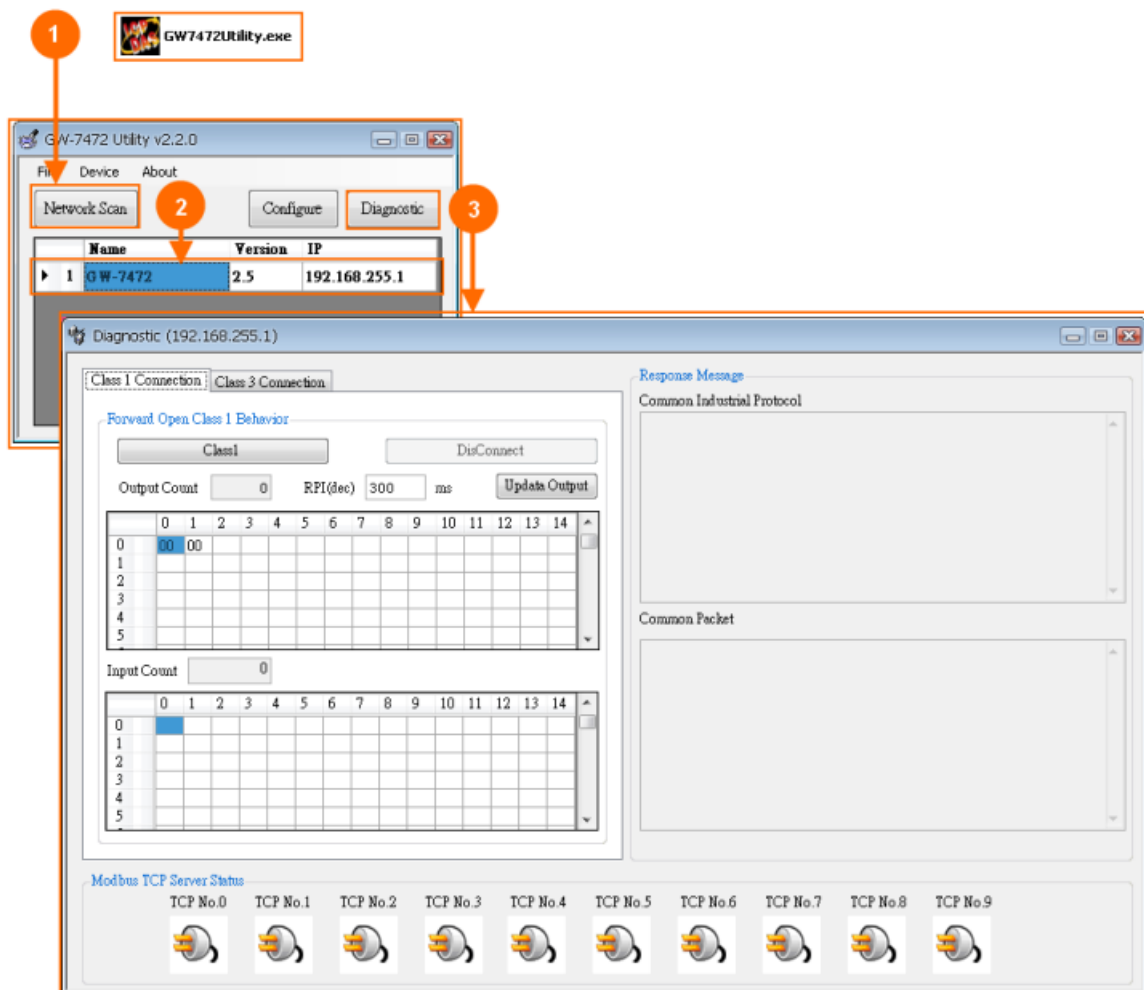
Item	Description
Network Settings	For configuration of the <u>Address Type</u> , <u>Static IP Address</u> , <u>Subnet Mask</u> , and <u>Default Gateway</u> of the GW-7472 Please refer to the section “ 4.2.1 Network Settings ”
Modbus RTU Port Settings	For configuration of the <u>Baud Rate</u> , <u>Data Sizes</u> , <u>Parity</u> , <u>Stop Bits</u> , of the RS-485/RS-422 port of the GW-7472 Please, refer to the section “ 4.2.2 Modbus RTU Serial Port Settings ”
Modbus TCP Server IP Setting	For configuration of the IP of each Modbus TCP server. Please refer to section “ 4.2.3 Modbus TCP Server IP Settings ”
Setting File Management	For the setting files management of GW-7472. Please refer to section “ 4.2.4 Setting File Management ”
Byte Order Setting	For configuration of the order of two bytes in a word of AI and AO Please refer to section “ 4.2.5 Byte Order Setting ”
Modbus Request Command Setting	Modbus commands to communicate with the Modbus slaves Please refer to section “ 4.2.6 Modbus Request Settings ”

Module Diagnostic

1. Check Init/Run switch if it is in the Run position.



2. Reboot your GW-7472. Then, reconnect it by the utility.
3. Click the “Diagnostic” button to open the diagnostic window.



Item Descriptions:

Item	Description
UCMM/Forward Open Class 3 Behavior	Send UCMM packets or use the Forward_Open service to build the CIP class 3 connection to communicate with the GW-7472. Please refer to section “ 4.3.1 UCMM/Forward Open Class 3 Behavior ”
Forward Open Class1 Behavior	Use the Forward_Open service to build the CIP class 1 connection to communicate with the GW-7472. Please refer to section “ 4.3.2 Forward Open Class 1 Behavior ”
Response Message	EtherNet/IP packets responded from the GW-7472.
Modbus TCP Servers Status	The connection status of Modbus TCP servers. Please refer to the section “ 4.3.3 Modbus TCP Servers Status ”

Related Information

GW-7472 Product page:

http://www.icpdas.com/products/Remote_IO/can_bus/GW-7472.htm

GW-7472 Documentations:

Fieldbus_CD:\EtherNetIP\Gateway\GW-7472\Manual

http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/manual/

GW-7472 Utility:

Fieldbus_CD:\EtherNetIP\Gateway\GW-7472\Utility

http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/utility/

GW-7472 firmware:

Fieldbus_CD:\EtherNetIP\Gateway\GW-7472\firmware

http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/firmware/



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Documents / Resources

[Logicbus GW-7472 Ethernet/IP to Modbus Gateway](#) [pdf] User Guide
 GW-7472 Ethernet IP to Modbus Gateway, GW-7472, Ethernet Gateway, Gateway, IP to Modbus Gateway, Gateway, Modbus Gateway

References

- [ftp.icpdas.com - /pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/firmware/](http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/firmware/)
- [ftp.icpdas.com - /pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/manual/](http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/manual/)

-  ftp.icpdas.com - /pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/utility/
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