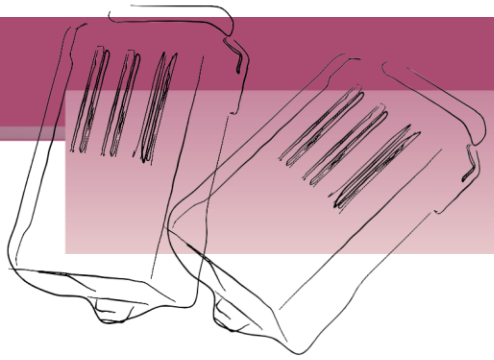
GW-7472 QUICK START



For GW-7472

English/ Dec. 2014/ Version 2.1

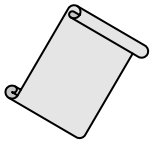
EtherNet/IP to Modbus RTU/TCP Gateway

1 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)

2 Installing software on your PC

- **Install GW-7472 Utility:**

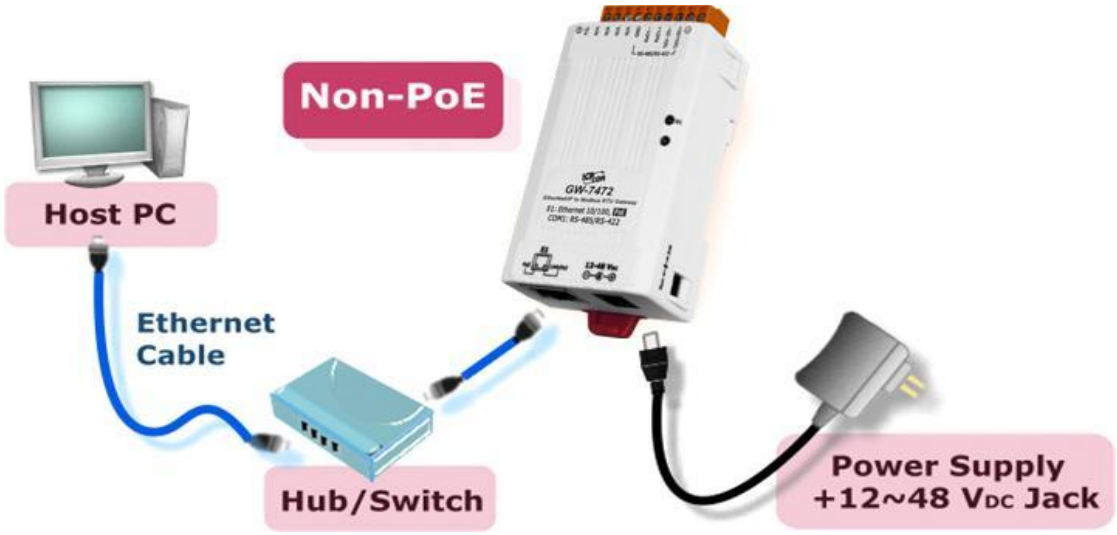
  The software is located at:

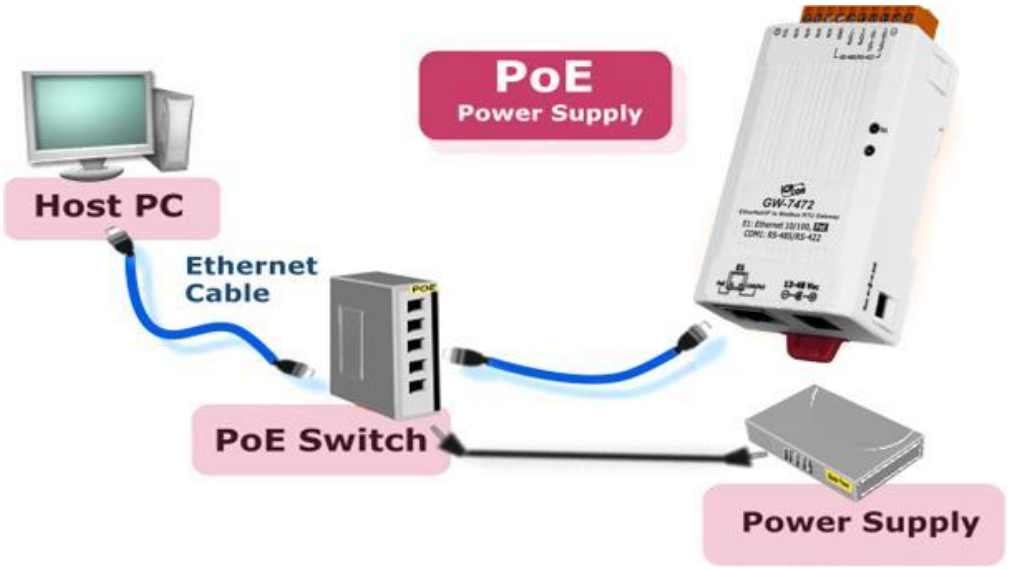
  Fieldbus_CD:\EtherNetIP\Gateway\GW-7472\Utility
  http://ftp.icpdas.com/pub/cd/fieldbus_cd/ethernetip/gateway/gw-7472/utility/

3 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 step 4, 5 and 6 may not work. (Please contact with your system Administrator)
3. Check Init/Run DIP switch if it is on **Init** position.

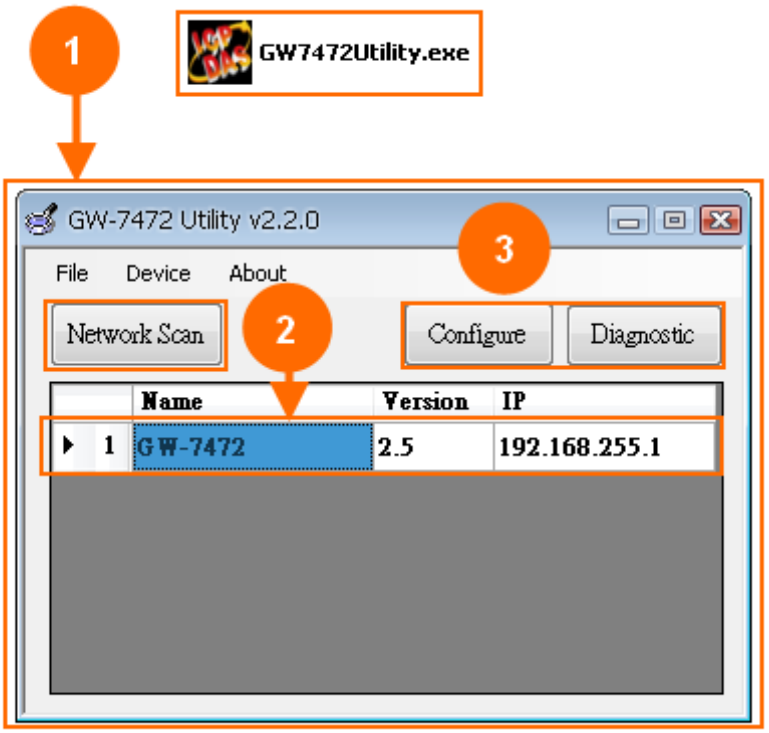
4. Connect both the GW-7472 and your computer to the same sub network or the same Ethernet switch, and power the GW-7472 on.





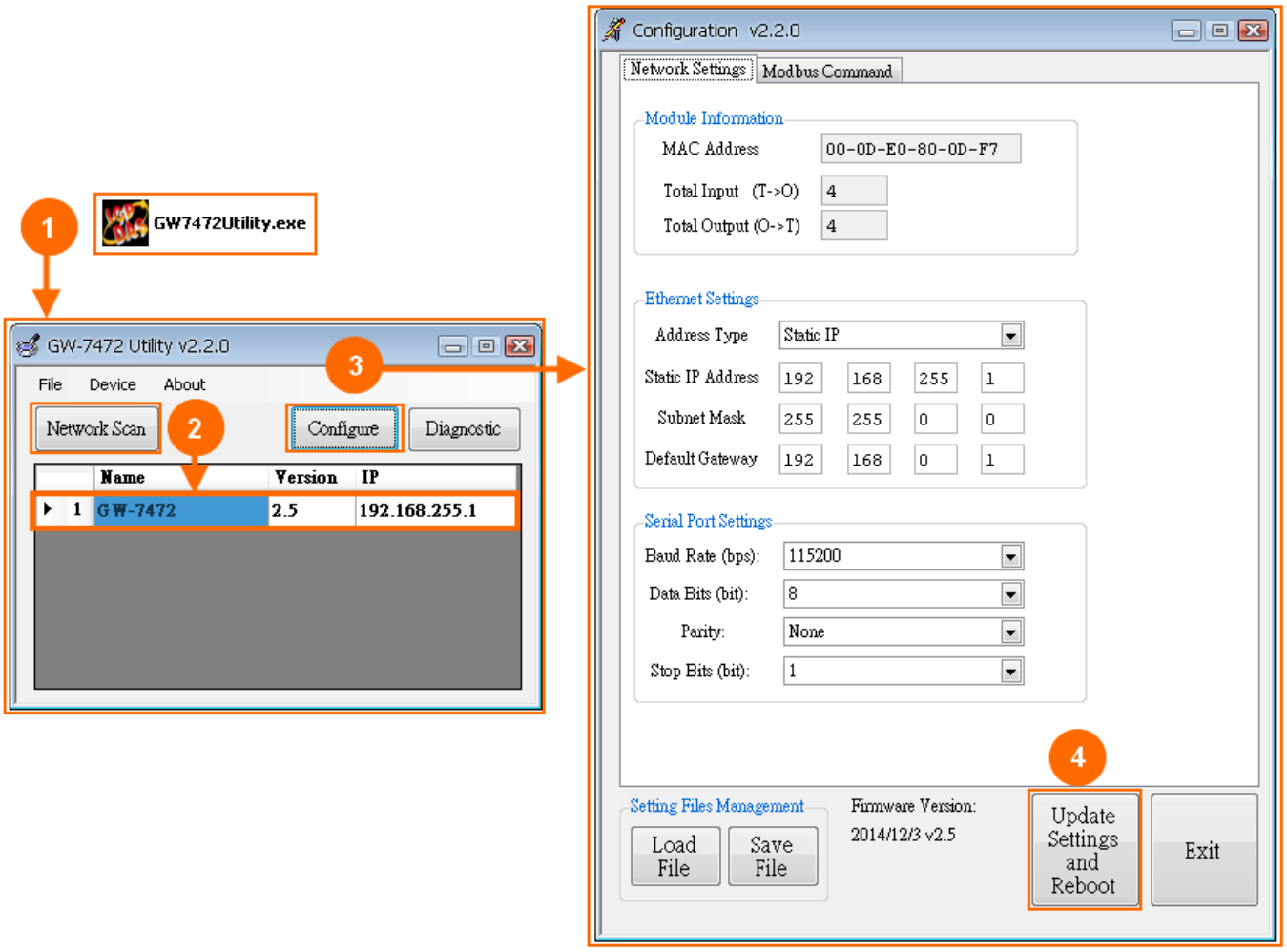
4 Searching the GW-7472

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



5 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 "Configure" buttons to configure the module
4. After setting, click the "Update Settings" button to finish the c



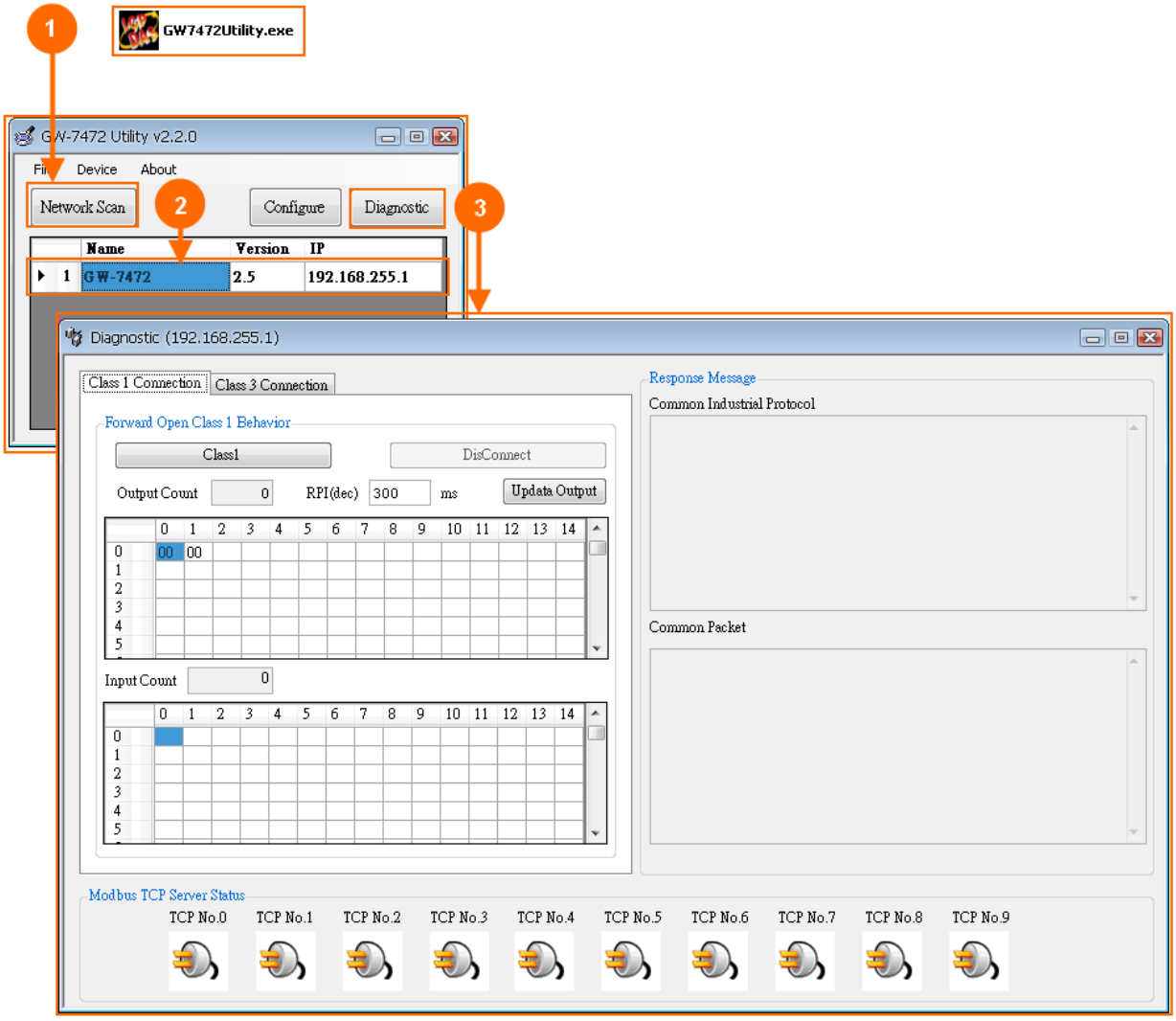
Item	Settings (Init Mode)
IP	192.168.255.1
Gateway	192.168.0.1
Mask	255.255.0.0

Item Descriptions:

Item	Description
Network Settings	For configuration of the **Address Type**, **Static IP Address**, **Subnet Mask** and **Default Gateway** of the GW-7472 Please refer to section "**4.2.1 Network Settings**"
Modbus RTU Port Settings	For configuration of the **Baud Rate**, **Data Sizes**, **Parity**, **Stop Bits**, of the RS-485/RS-422 port of the GW-7472 Please refer to 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**"

6 Module Diagnostic

1. Check Init/Run switch if it is on **Run** position.
2. Reboot your GW-7472. Then, re-connect it by utility.
3. Click "Diagnostic" button to open 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 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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