GW Instek DAQ-9600

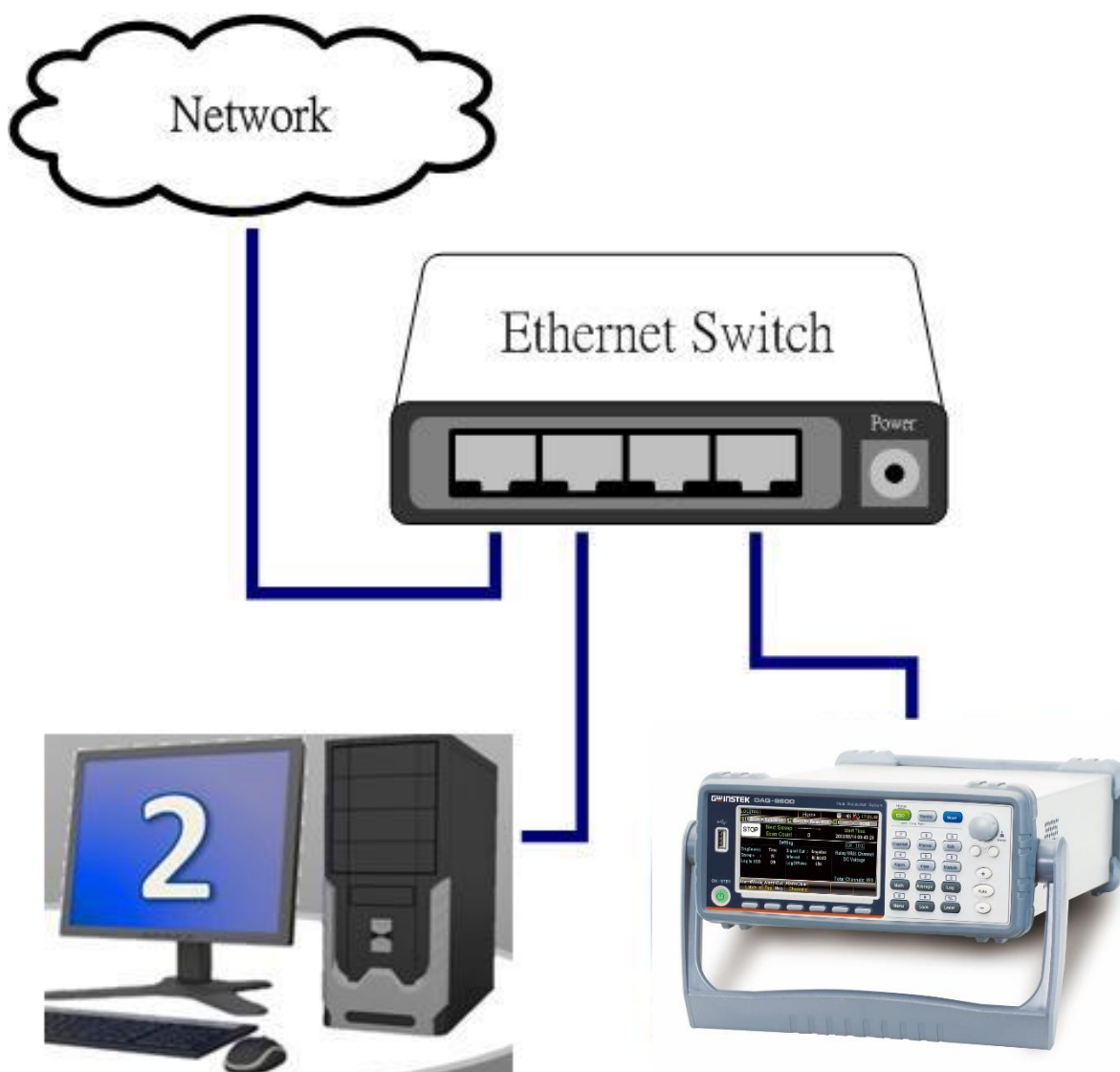Digital Dual Measurement Multimeter

LAN Connection Guide

(NI MAX)

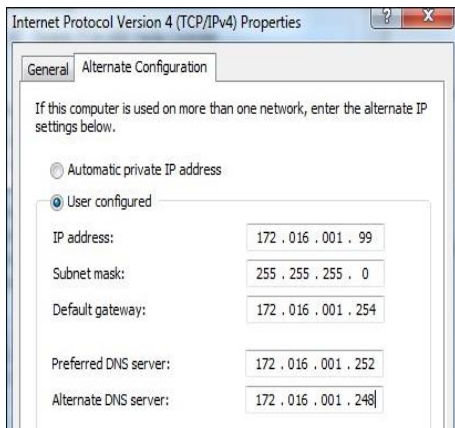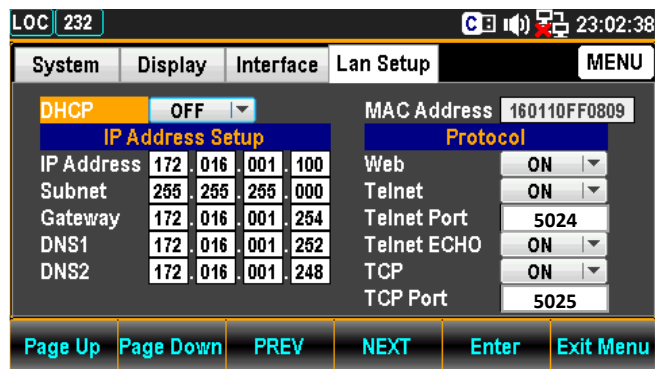## Step1 ~ Connection Methods

● Method 1 : through Switch

[NOTE]:

● It is easier making connection by Personal computer with IP

settings automatically and DAQ-9600 with DHCP selected.

- Method 2 : direct connection

[NOTE]:

- Personal computer must use fixed IP settings

- DAQ-9600 settings (see below): (Please refer to the example content completely)
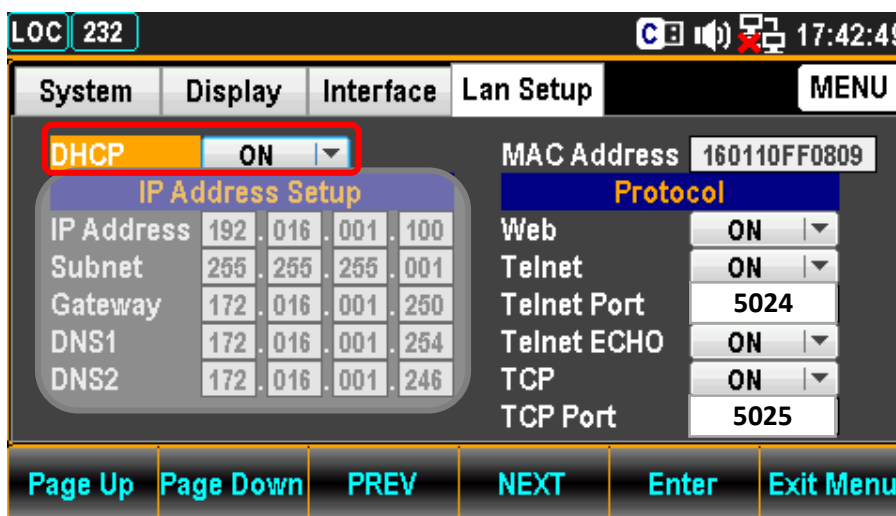
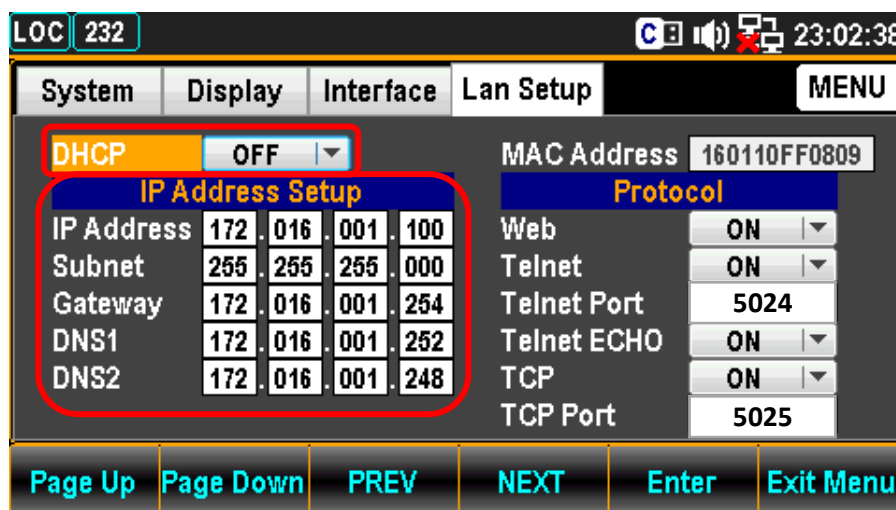## Step2 : Check DAQ system information for LAN configuration

[NOTE]

Please turn the DAQ-9600 OFF and then back ON to check the IP address after the I/O Model is selected to LAN and then DHCP Model either ON or OFF.
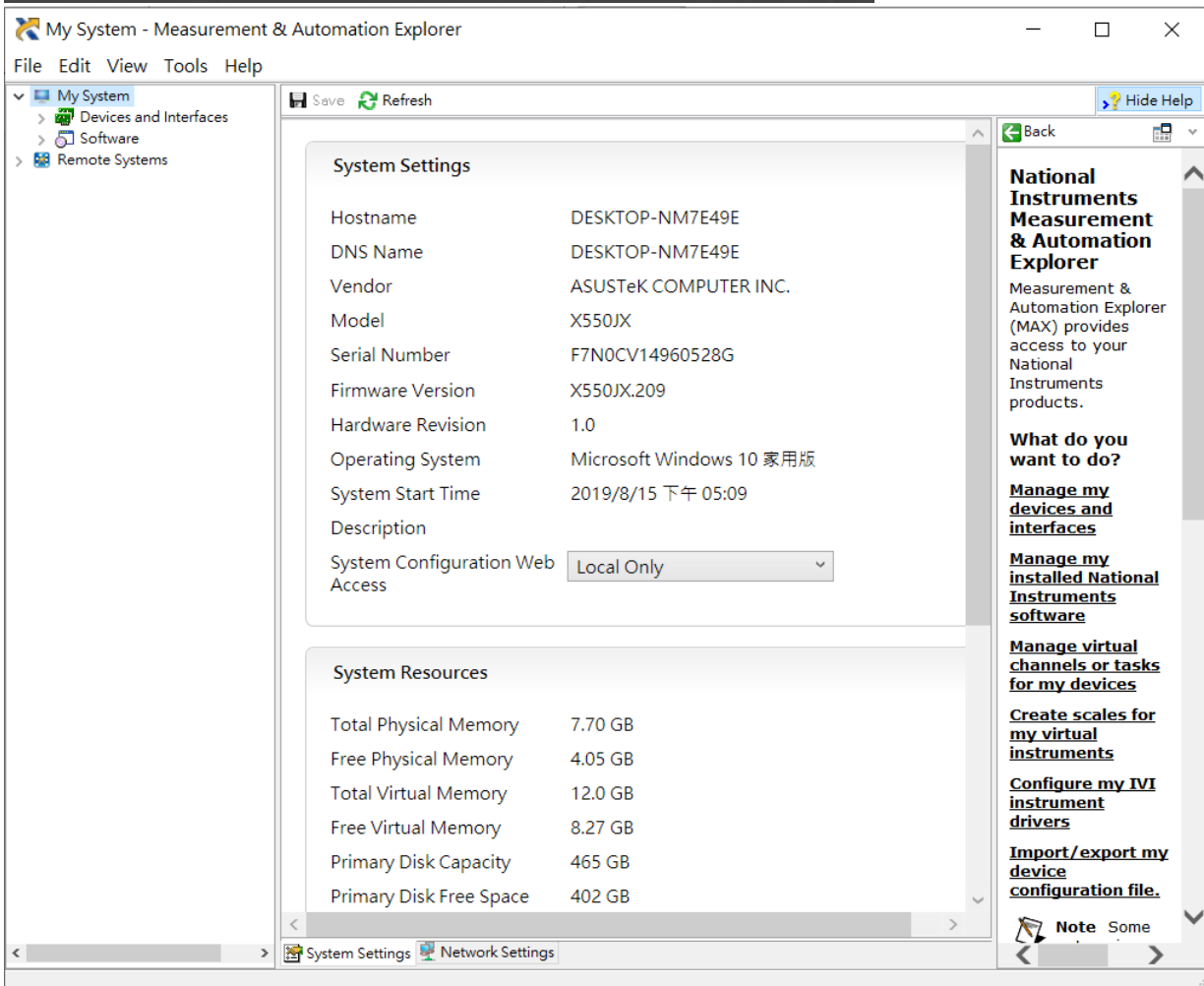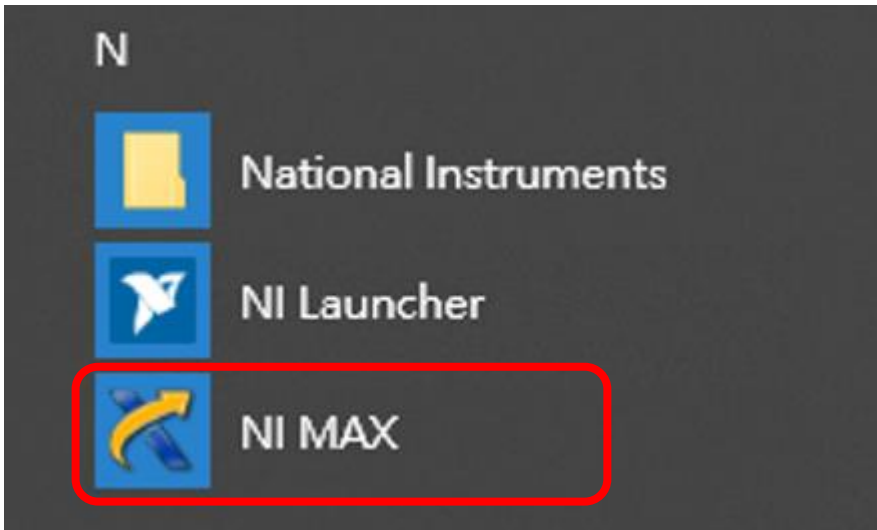
● DHCP Model : ON (Suitable for Method 1)

(When DHCP is set to ON, the IP Address Setup can't be edit.)
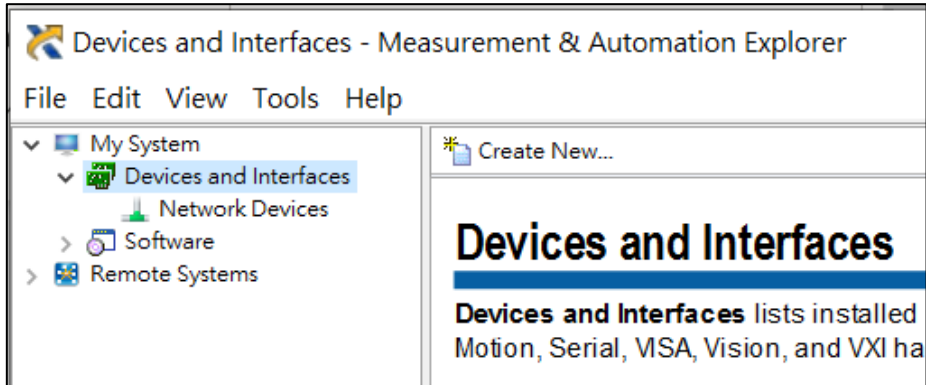
● DHCP Model : OFF (Suitable for Method 2)

Step3 : Open NI MAX
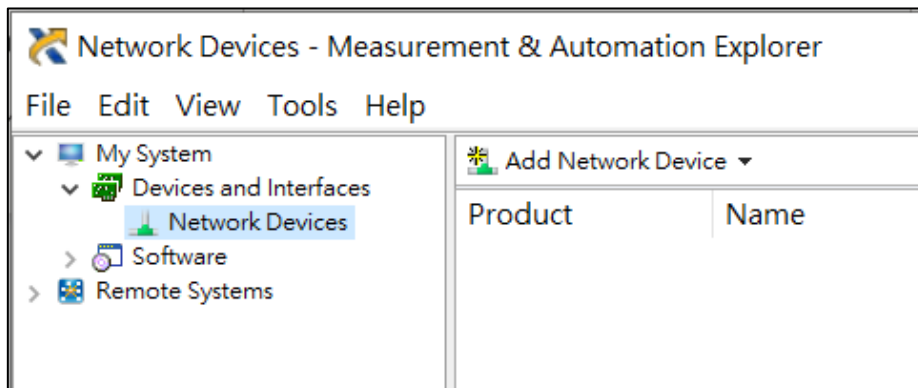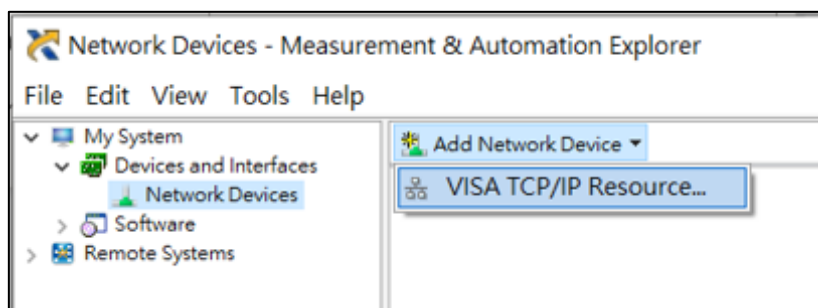
Step4 : My System ~

- Click on Devices and Interfaces
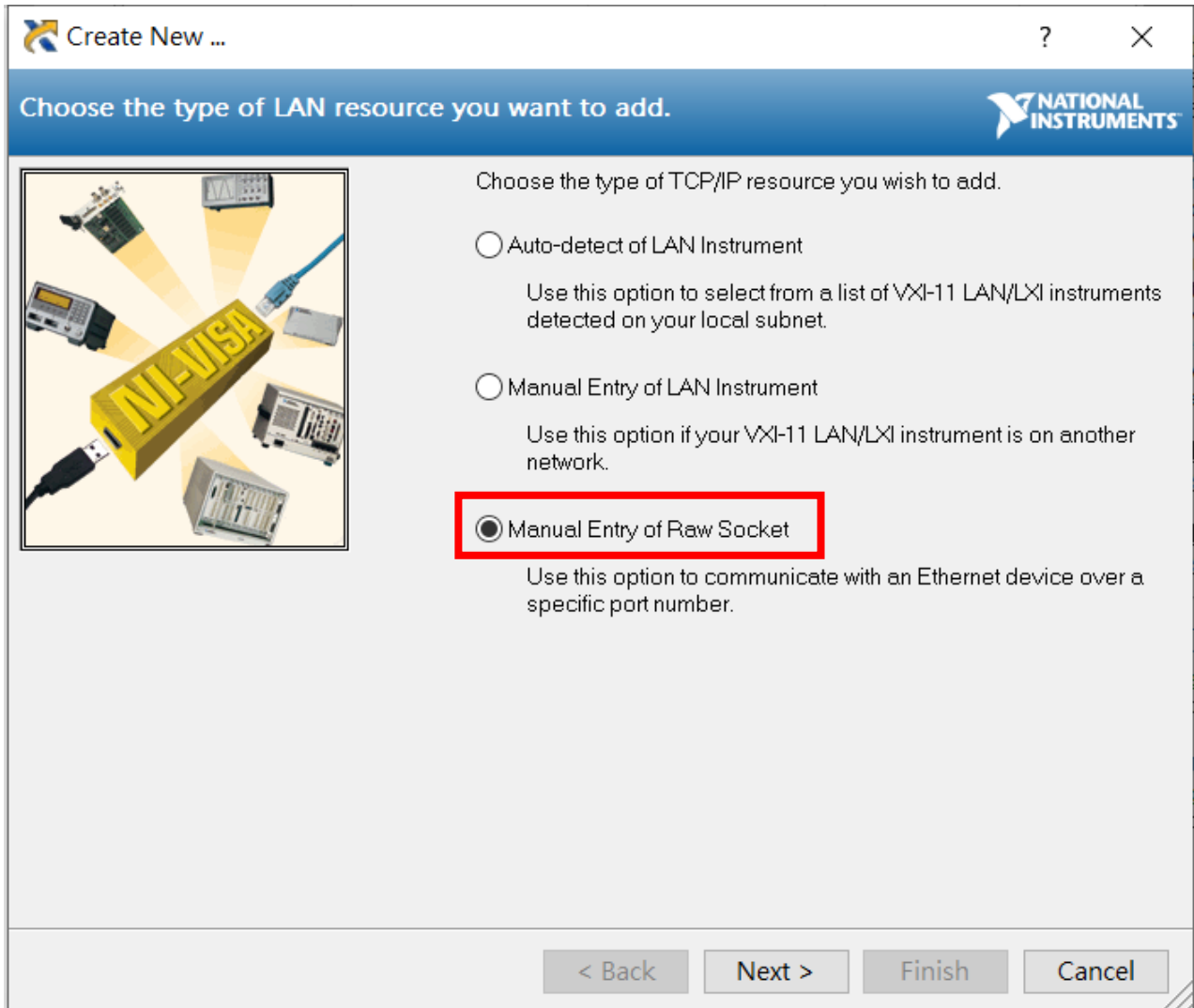

Step5 : My System ~

- Select Network Devices

Step6 : My System ~

- Click on Add Network Device
- Select VISA TCP/IP Resource…

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Step7 : Create New... ~ Choose the type of LAN resource you want

to add.

- Select Manual Entry of Raw Socket

- Press Next > to next step

Step8 : Create New… ~ Enter the LAN resource detailed.
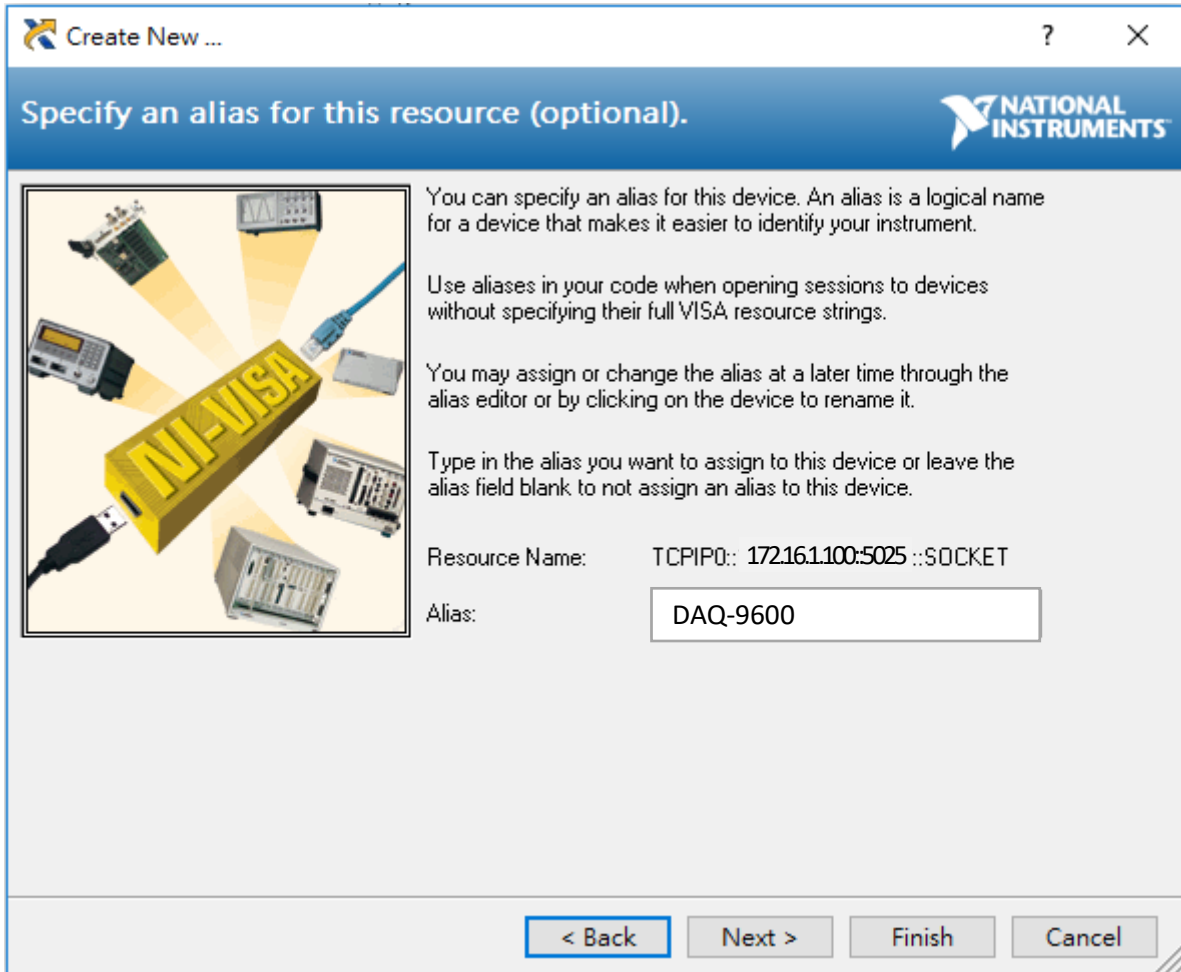

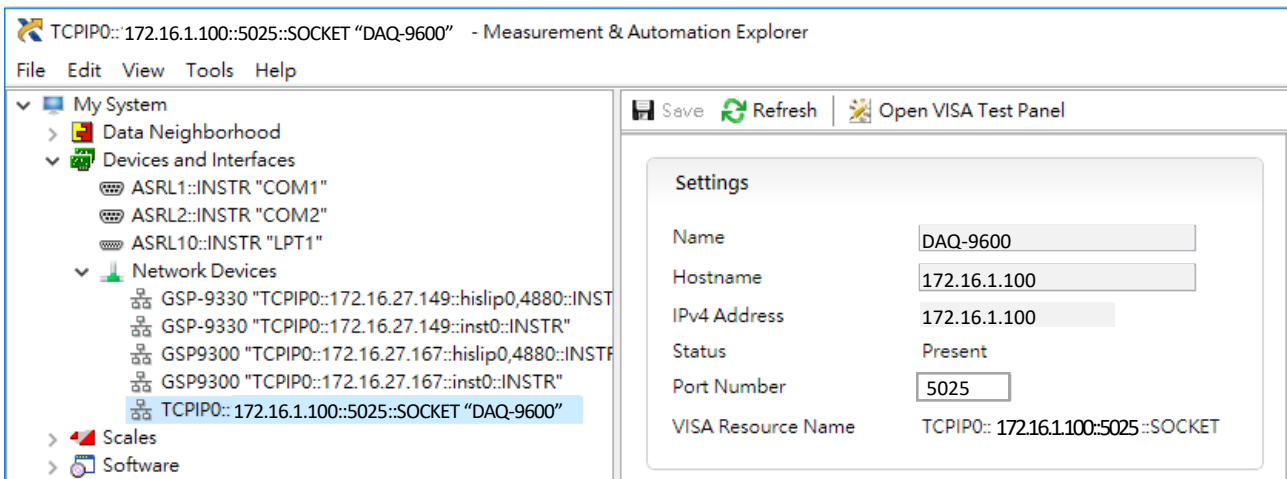- Fill in Hostname or IP address : according to Step2

- Fill in Port Number : 5025

- Press NEXT>

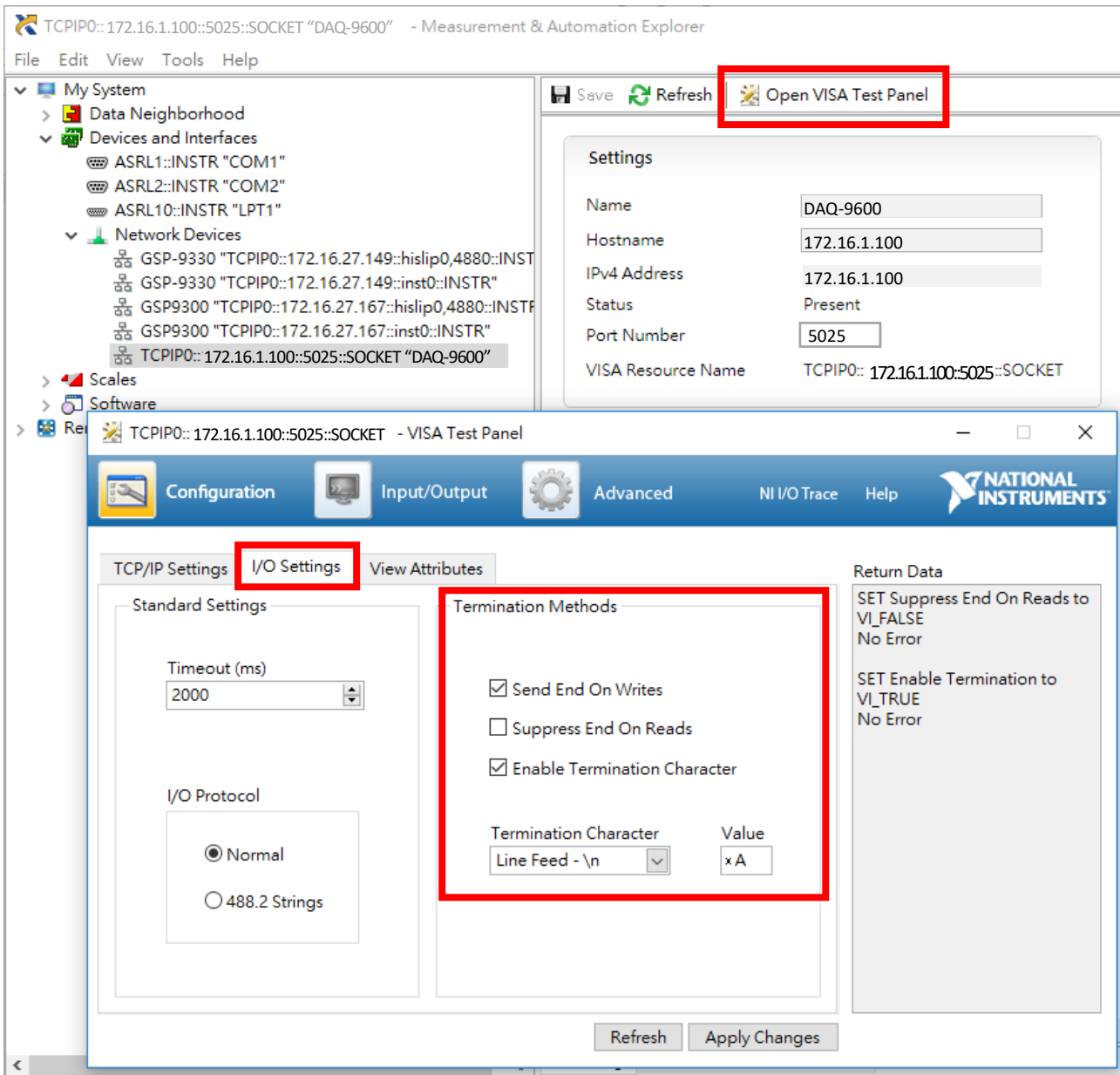## Step9 : Create New… ~ Specify an alias for the resource (optional)

● Fill in Alias : (if necessary)

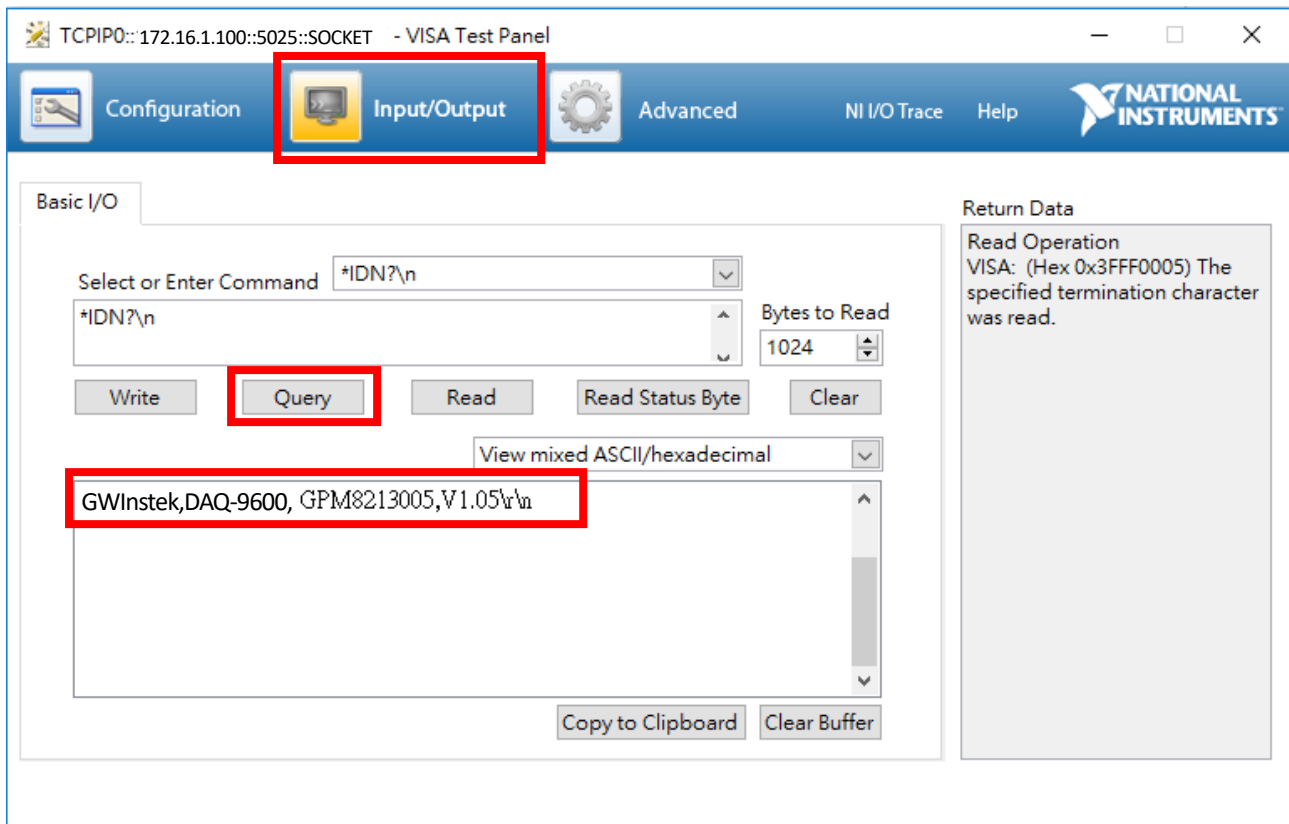● Press Finish to complete

Step10 : Open VISA Test Panel

- Click on <mark>Open VISA Test Panel</mark>

- Select <mark>I/O Settings</mark> of Configuration

- Set <mark>Termination Methods</mark> according picture (above)

- Press <mark>Apply Changes</mark> to complete setting

Step11 : Send Command to confirm communication

- Click on Input/Output

- Press Query to send command (*IDN?\n)

- DAQ-9600 response