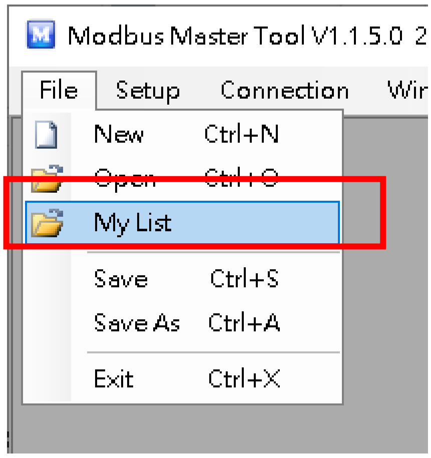
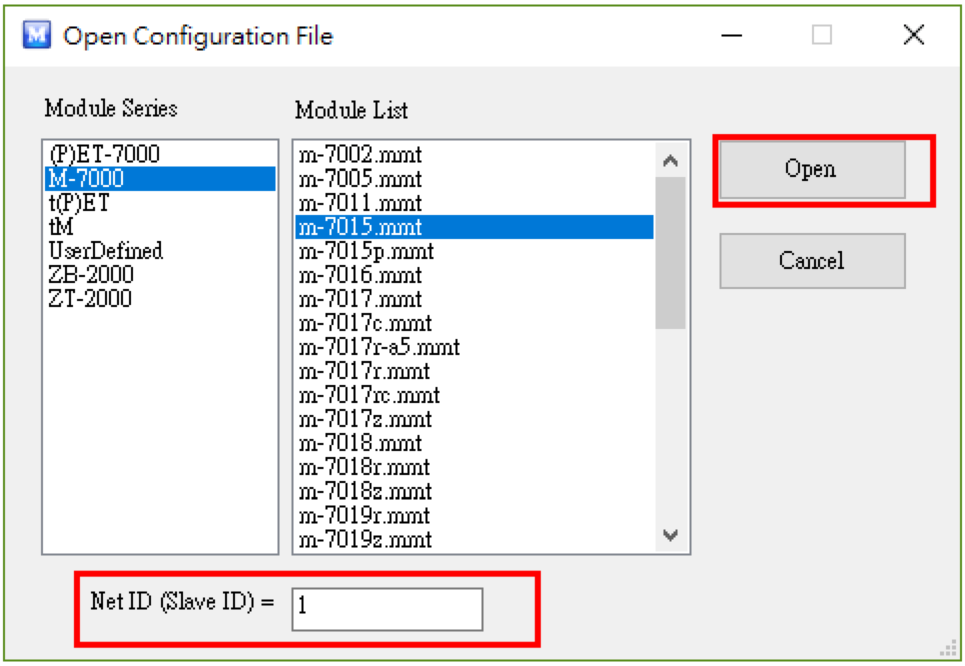
Quick Start for Modbus Master Tool (PC)

Step1. Select [Open] from [My List] menu to open a configuration file from the module list. The module list is deposited in the folder named “Configuration File”.



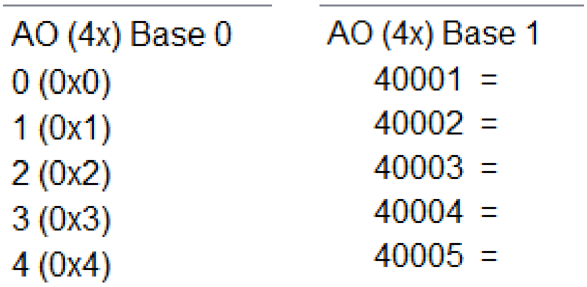
Step2. Select Module Series and Module List, and enter the slave ID (default is 1), and then click [Open]. If there is no module that want to be opened, go to step1 and select [New] to create a new configuration file.



Net ID (Slave ID) = 1

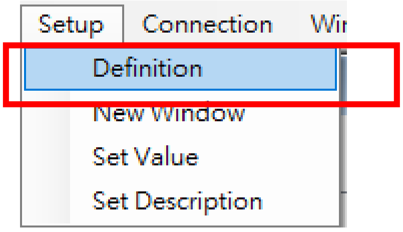
Step3. If the definitions have to be set, select [Definition] from [Setup] menu to set parameter and then click [OK]

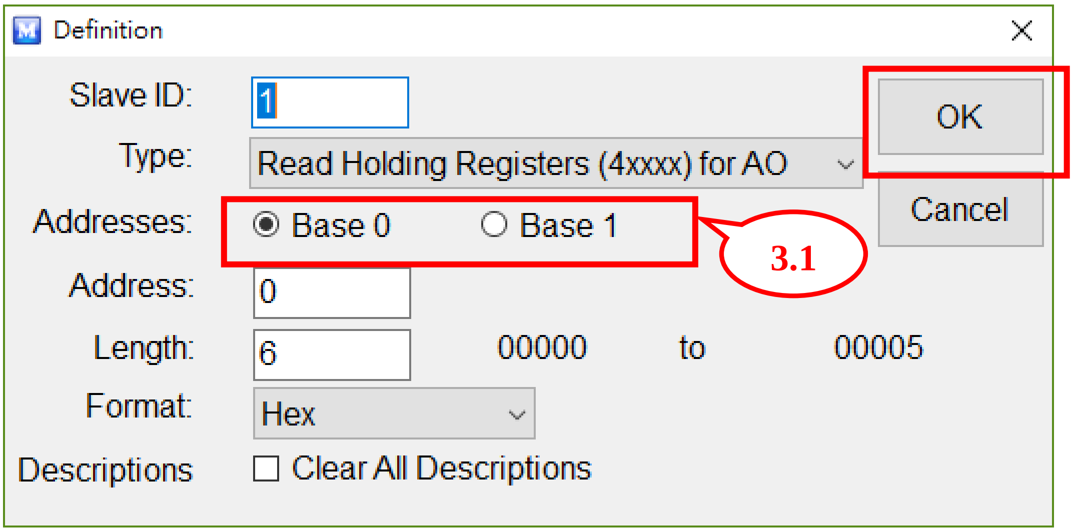
3.1 Choose base 0 or base 1 can change the displaying format of Modbus address as below showing.



AO (4x) Base 0	AO (4x) Base 1
0 (0x0)	40001 =
1 (0x1)	40002 =
2 (0x2)	40003 =
3 (0x3)	40004 =
4 (0x4)	40005 =

Note: If [Clear All Descriptions] is checked, all the descriptions will be erased for the window.





Slave ID: 1

Type: Read Holding Registers (4xxxx) for AO

Addresses: ● Base 0 ○ Base 1

Address: 0

Length: 6 00000 to 00005

Format: Hex

Descriptions ☐ Clear All Descriptions

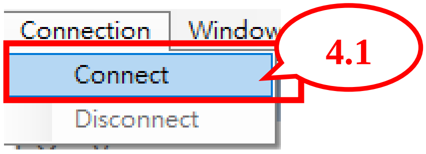
Step4. Set TCP connection.

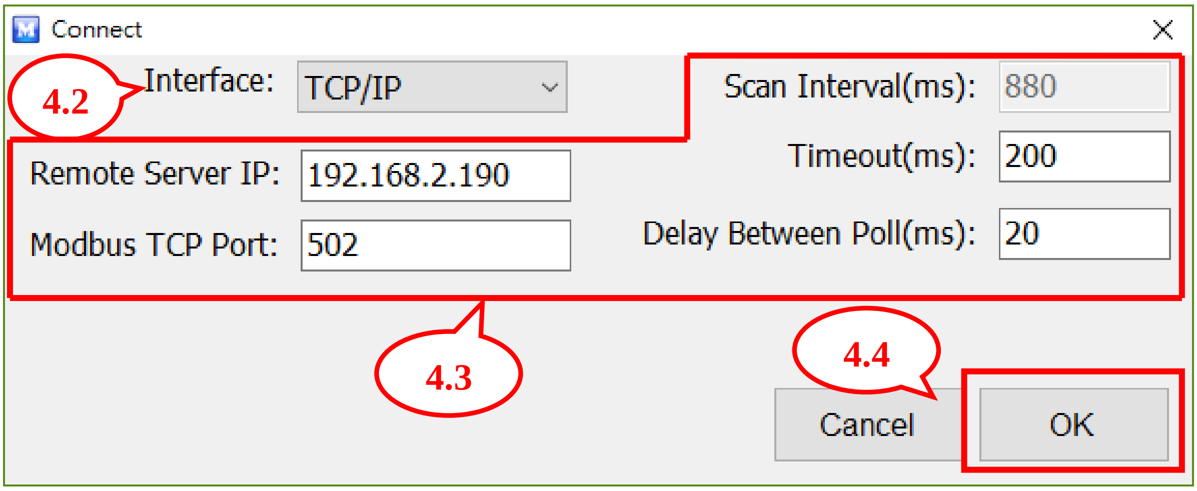
4.1 Select [Connect] from [Connection] menu.

4.2 Select [TCP/IP] from [Interface] drop-down list to connect.

4.3 Set the other parameters of connection.

4.4 Click [OK] to start connection.





Connect

Interface: TCP/IP

Remote Server IP: 192.168.2.190

Modbus TCP Port: 502

Scan Interval(ms): 880

Timeout(ms): 200

Delay Between Poll(ms): 20

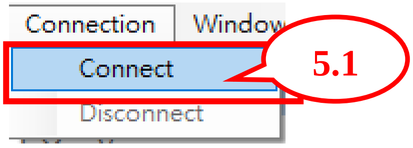
Step5. Set Serial connection.

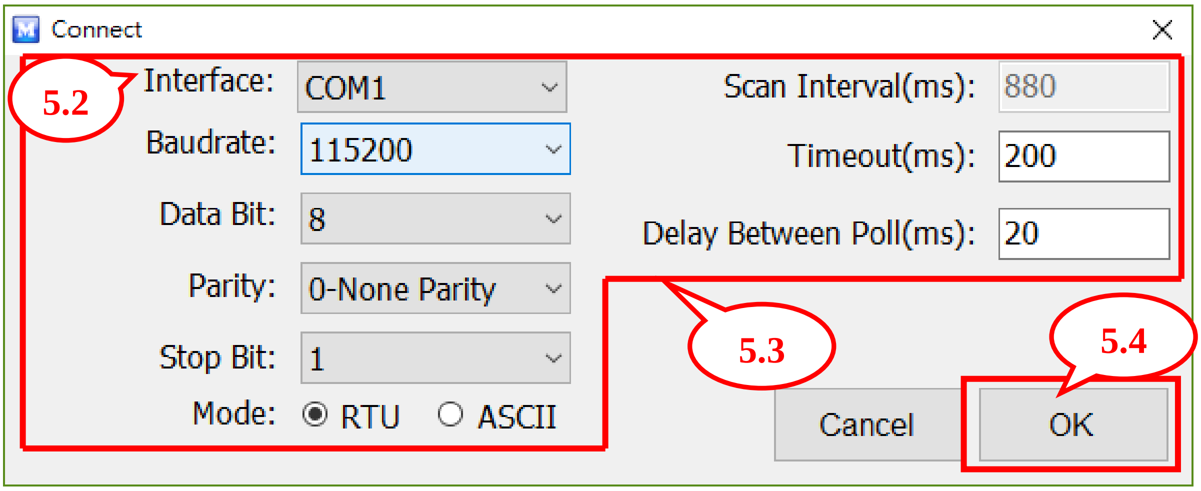
5.1 Select [Connect] from [Connection] menu.

5.2 Select [COM] from [Interface] drop-down list to connect.

5.3 Set the parameters of connection.

5.4 Click [OK] to start connection.





Connect

Interface: COM1

Baudrate: 115200

Data Bit: 8

Parity: 0-None Parity

Stop Bit: 1

Mode: ● RTU ○ ASCII

Scan Interval(ms): 880

Timeout(ms): 200

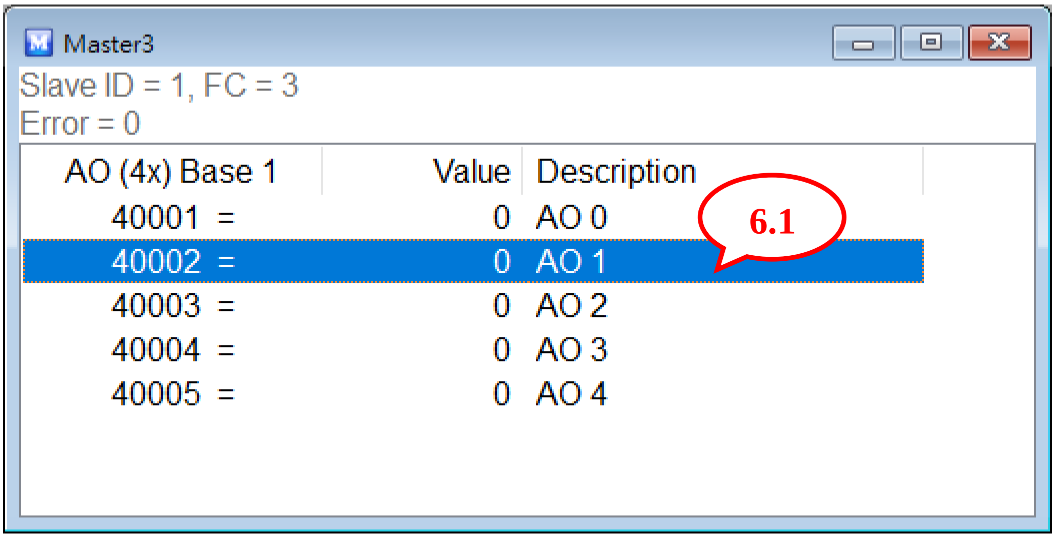
Delay Between Poll(ms): 20

Step6. Set [Holding Register] and [Coil Status] value.

6.1 Select the address

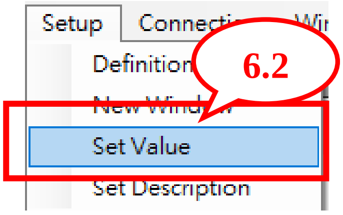
6.2 Click [Set Value] from [Setup] menu or double-click on the value.

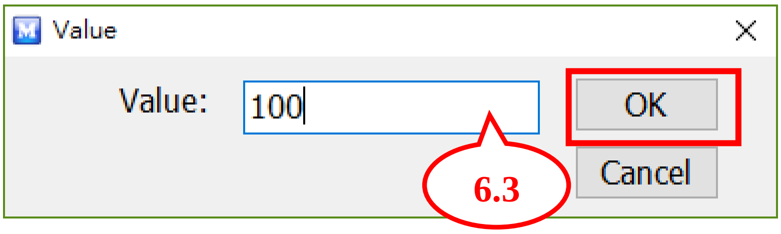
6.3 Enter the value and then click [OK].



Slave ID = 1, FC = 3
Error = 0

AO (4x) Base 1	Value	Description
40001 =	0	AO 0
40002 =	0	AO 1
40003 =	0	AO 2
40004 =	0	AO 3
40005 =	0	AO 4



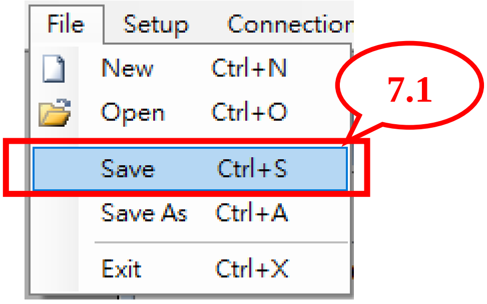


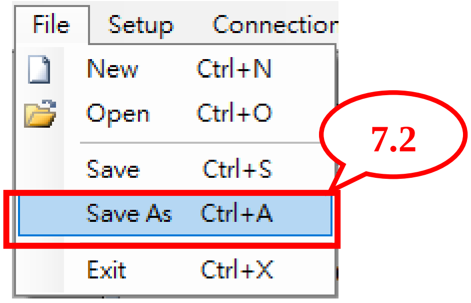
Value: 100

Step7. Save configuration settings to the file or save as another configuration file.

7.1 Select [Save] from [File] menu to save the configuration.

7.2 Select [Save As] from [File] menu to save the configuration to another file.


File
Setup
Connectior
New Ctrl+N
Open Ctrl+O
Save Ctrl+S
Save As Ctrl+A
Exit Ctrl+X
7.1


File
Setup
Connectior
New Ctrl+N
Open Ctrl+O
Save Ctrl+S
Save As Ctrl+A
Exit Ctrl+X
7.2