I/O controlled by TCP modbus
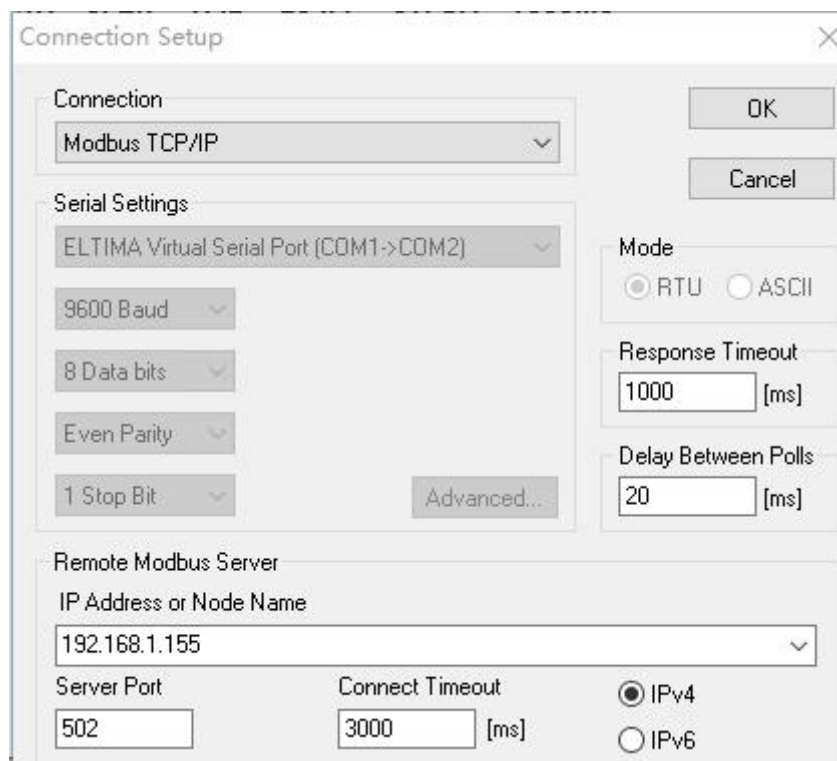
1. Overview

TCP modbus port is 502,default address is 254.

"Modbusl Poll" as a test in this document.PLC or SCADA settings as below.
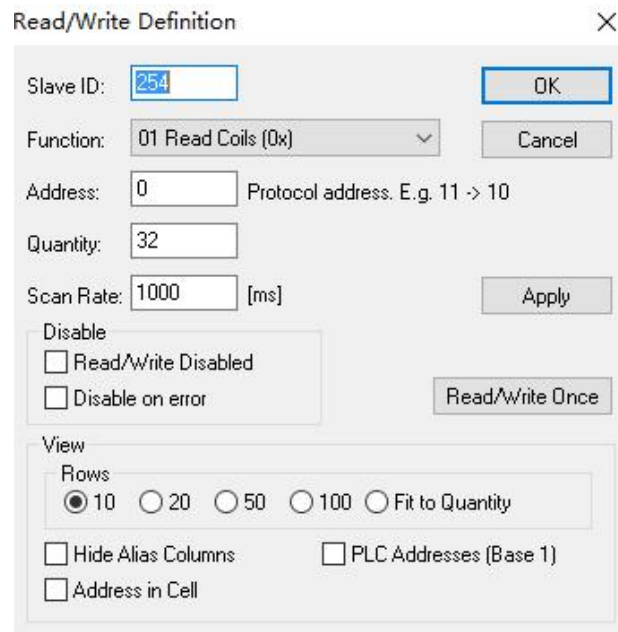
2. Steps

(1) Power on the device.

(2) Plug in cable, connect to the PC or PLC in a locol network.

(3) Open "Modbus Poll" software.

(4) Select "Modbus TCP/IP" in "Connection",write in the device IP and Server Port is 502,other is default.

(5) Set the "Read/Write Definition" in "Setup", "Salve ID" is

254,select '01'(Read Coil) in Fucntion,Address is 0,Qunatity is 8,other
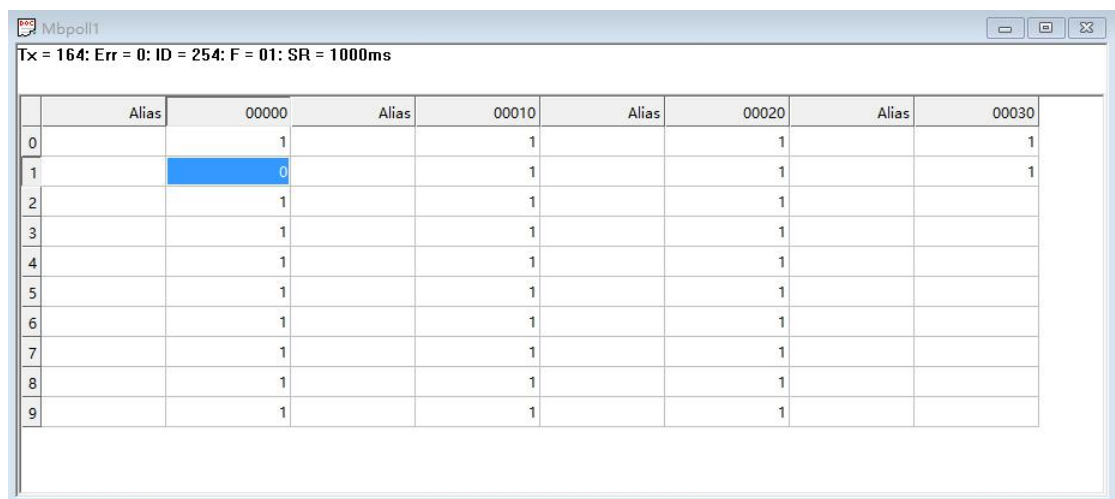
is default.Settings as below.

(6) Control relay output

All state of relay show in below figure.'05' fucntion command

control single relay,and '15' control multiple relays.

Write Single Coil ✕

Slave ID: 254   Send

Address: 0   Cancel

Value
○ On   ● Off

Result
N/A
☐ Close dialog on "Response ok"

Use Function
● 05: Write single coil
○ 15: Write multiple coils

15: Write Multiple Coils ✕

Slave ID: 254

Address: 0

Quantity: 32

☑ Coil 0
☑ Coil 1
☑ Coil 2
☑ Coil 3
☑ Coil 4
☑ Coil 5
☑ Coil 6
☑ Coil 7
☑ Coil 8
☑ Coil 9
☑ Coil 10
☑ Coil 11
☑ Coil 12
☑ Coil 13

Send

Cancel

Open

Save