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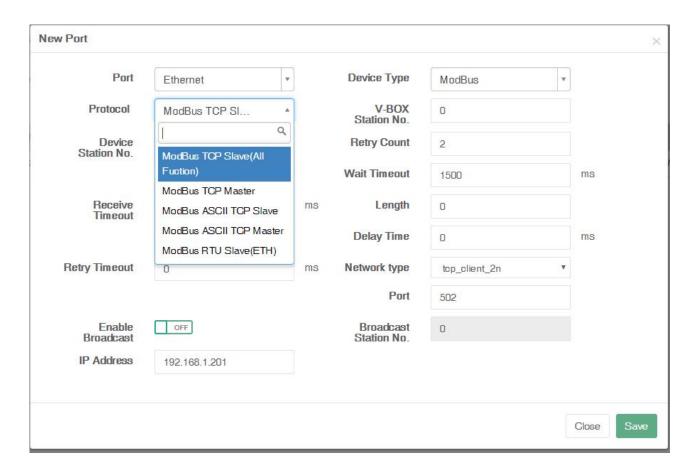
1. General

V-BOX and HMI support MODBUS TCP/IP protocol.

Modbus TCP Slave(ALII function):this protocol means V-BOX as master

Modbus TCP Master:this protocol means V_BOX as slave

Modbus ASCII TCP is same rule with Modbus TCP



2. Parameter Settings

First demo shows V-BOX as master communicate with HMI as slave.

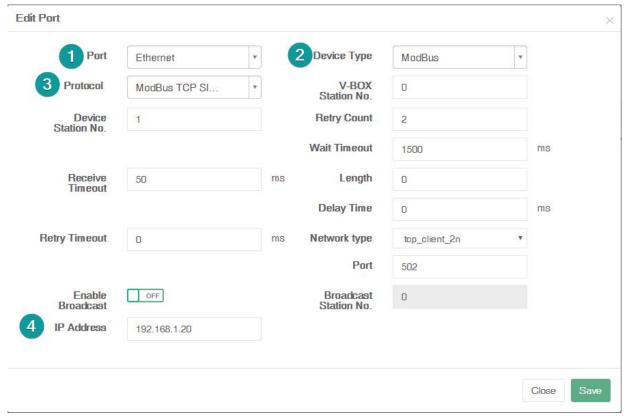
2.1 Operation Procedure (V-BOX as Master)

- Click [Configuration] in menu;
- 2) Click [Communication], and add one new communication;
- 3) Select[Ethernet]-->[Modbus] -->[Modbus TCP Slave(All function)].This protocol means V-BOX as



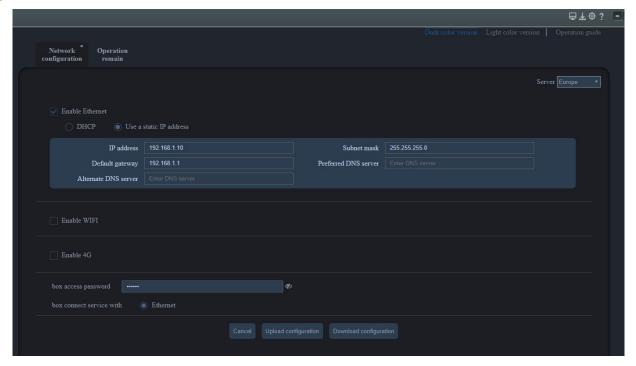
master;

4) Set a IP address(slave IP): for example 192.168.1.20



5) Set V-BOX IP in network configuration. For example 192.168.1.10

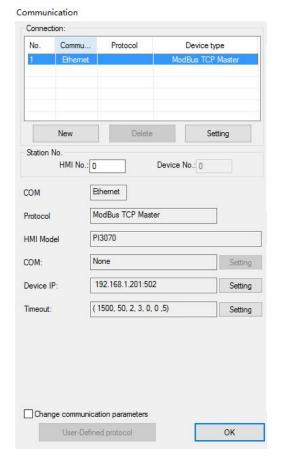
Note: if V-BOX connect with internet by static IP. This static IP must set a DNS. Different country has different DNS.



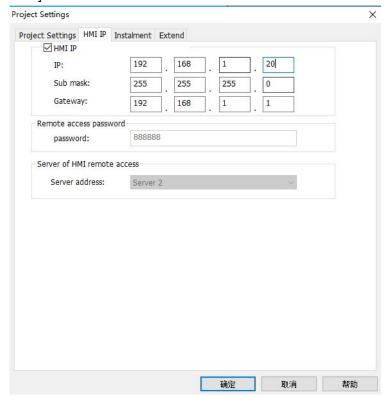


2.2 Operation Procedure (HMI as Slave)

1) Click [Communication] in menu and add a new protocol "Modbus TCP Master"



2) Select[Project]-->[HMI IP]:192.168.1.20

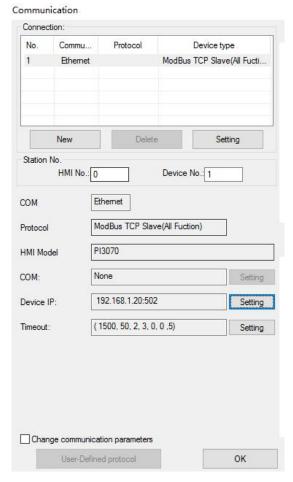




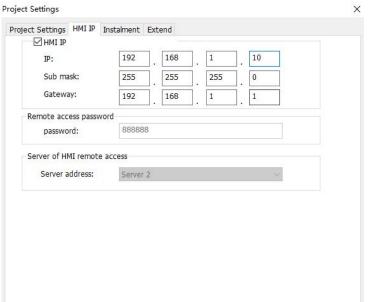
Second demo shows V-BOX as slave communicate with HMI as master.

2.3 Operation Procedure (HMI as Master)

- Click [communication] and add a new protocol "Modbus TCP Slave(All function);
- 2) Set a slave IP:192.168.1.20



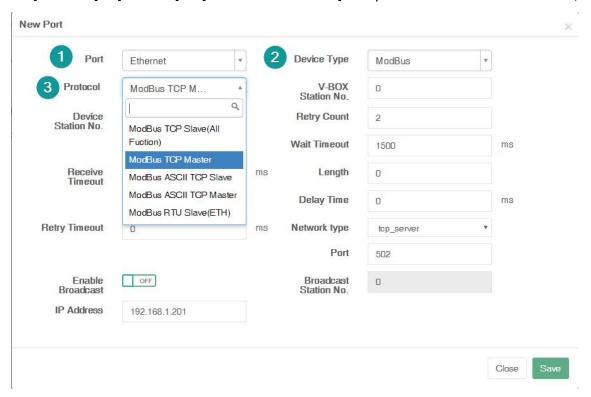
3) Set HMI IP:192.168.1.10





2.4 Operation Procedure (V-BOX as Slave)

- 1) Click [Configuration] in menu;
- 2) Click [Communication], and add one new communication;
- 3) Select[Ethernet]-->[Modbus] -->[Modbus TCP Master]. This protocol means V-BOX as slave;



- 4) Select[Ethernet]-->[Modbus] -->[Modbus TCP Master]. This protocol means V-BOX as slave;
- 5) Set V-BOX IP in network configuration. For example 192.168.1.20

