

Delta DVP Ethernet





**Website:** <http://www.we-con.com.cn/en>

**Technical Support:** [support@we-con.com.cn](mailto:support@we-con.com.cn)

**Skype:** fcwkkj

**Phone:** 86-591-87868869 EXT 88

# 1.Communication settings

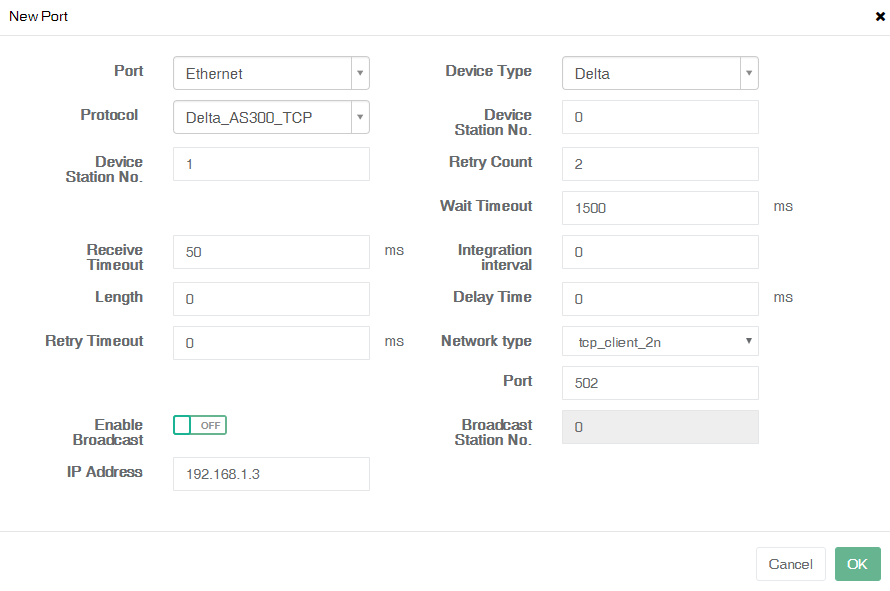
**VBOX Setting:**

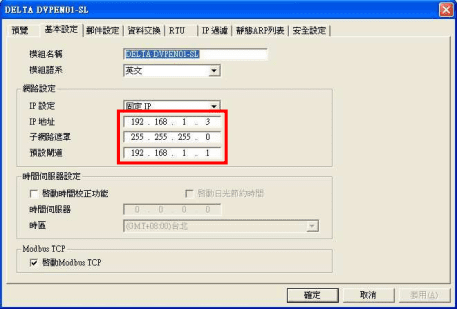
Configuration>>Communication>>Add new port>>Set the communication parameter as below:

Select:Port--->”Ethernet”

Device Type--->”Delta”

Protocol--->”Delta\_AS300\_TCP”

Set IP Address as PLC’s IP, such as “192.168.1.3”  
**Note:** Ensure that PLC IP and V-box IP are in the same network segment “192.168.1.xx” **PLC setting:**

Basic settings>>Network settings>>IP set as 192.168.1.3

# 2.Operation Steps

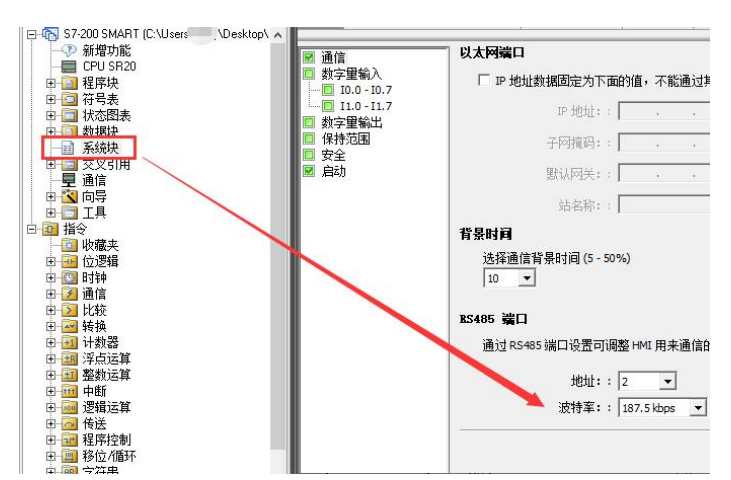
## 2.1 RS485 serial port communication

### 2.1.1 VBOX communication settings

Configuration>>Communication>>Add new port>>Set the communication parameter as below:

### 2.1.2 PLC communication settings

STEP 7-MicroWIN SMART:

Main>>system block>>RS485 port, change the baud rate to 187.5kbps

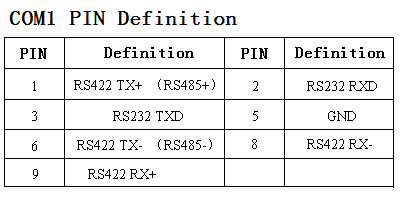
### 2.1.3 Establish connection

The VBOX uses the COM1 port, and the PLC uses the RS485 port

COM1 port pin 1 is connected to RS485 port pin 3

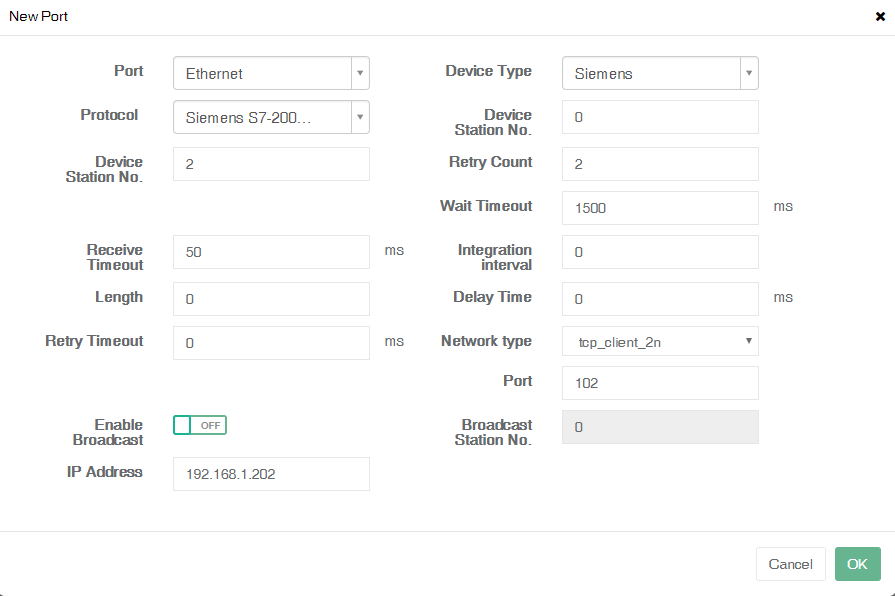
COM1 port pin 6 is connected to RS485 port pin 8

The pin connections are as follows:

H series VBOX COM1 Pin Definition

## 2.2 Ethernet port communication

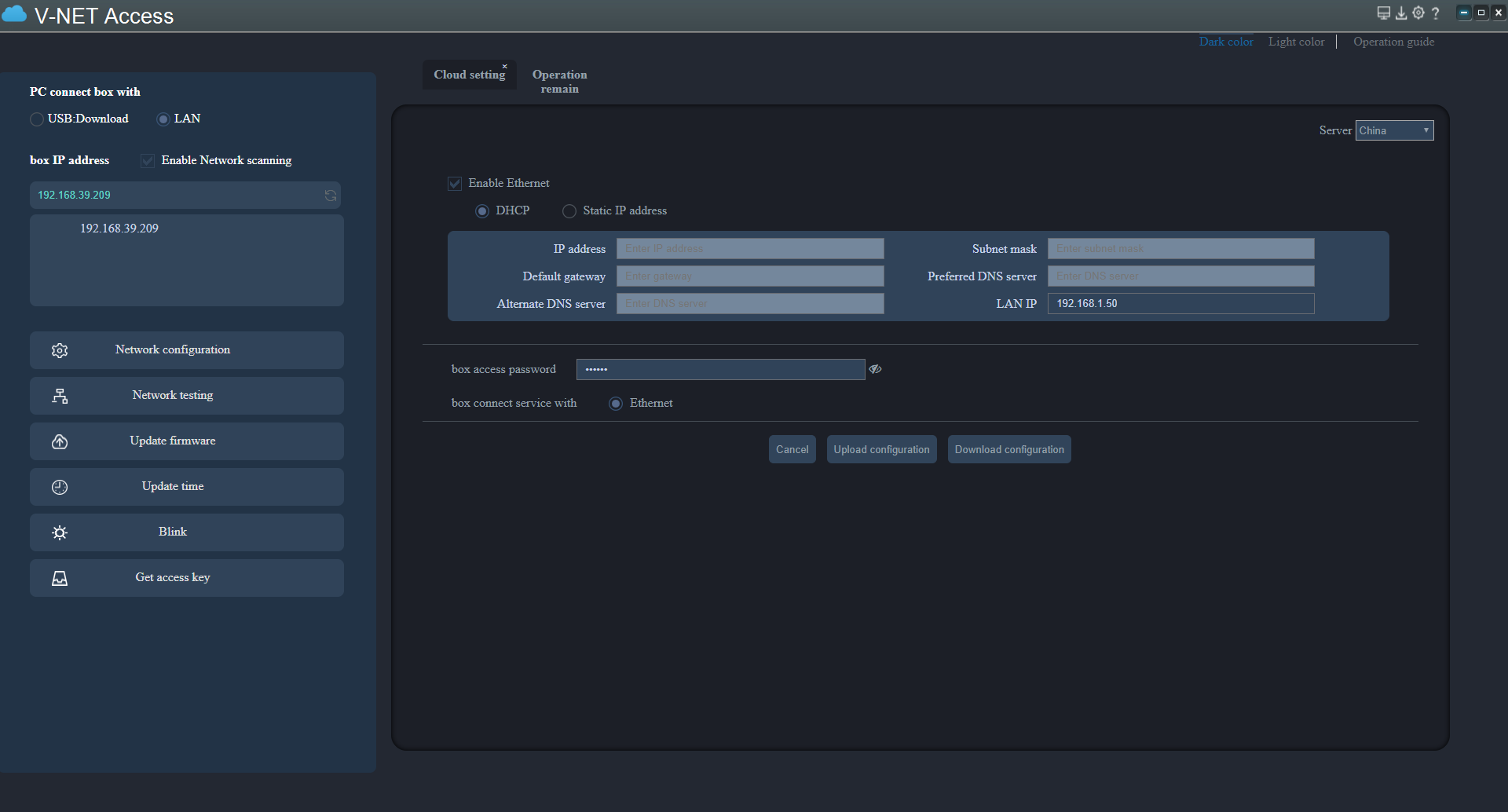
### 2.2.1 VBOX communication settings

Configuration>>Communication>>Add new port>>Set the communication parameter as below:

IP Address ”192.168.1.202” is PLC IP address, need to be the same network segment as VBOX.

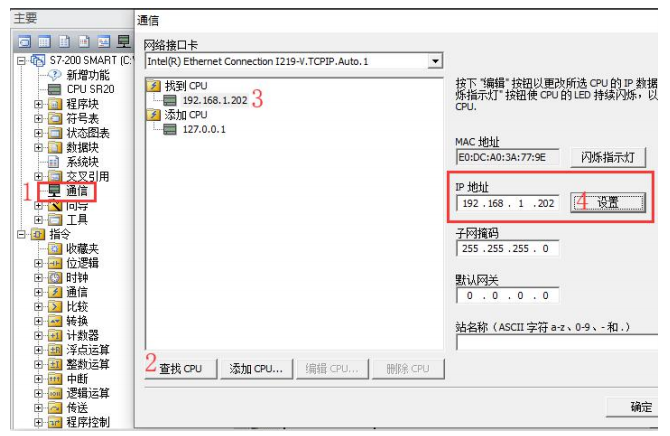
### 2.2.2 IP settings

VBOX: Networking configuration>>LAN IP set as”192.168.1.xx”(make sure there is no IP conflic)



STEP 7-MicroWIN SMART:

Main\_Communication\_Search CPU, find CPU (if you need to change IP, click edit, modify IP, click set), click OK

Note: The IP of the PLC must be consistent with the IP set on the HMI(communication>>TCP/IP parameters)

### 2.2.3 Establish connection

Use a ethernet cable to connect the VBOX and PLC on the same Local Area Network, or connect the VBOX to PLC directly with ethernet cable. Both methods can be connected.