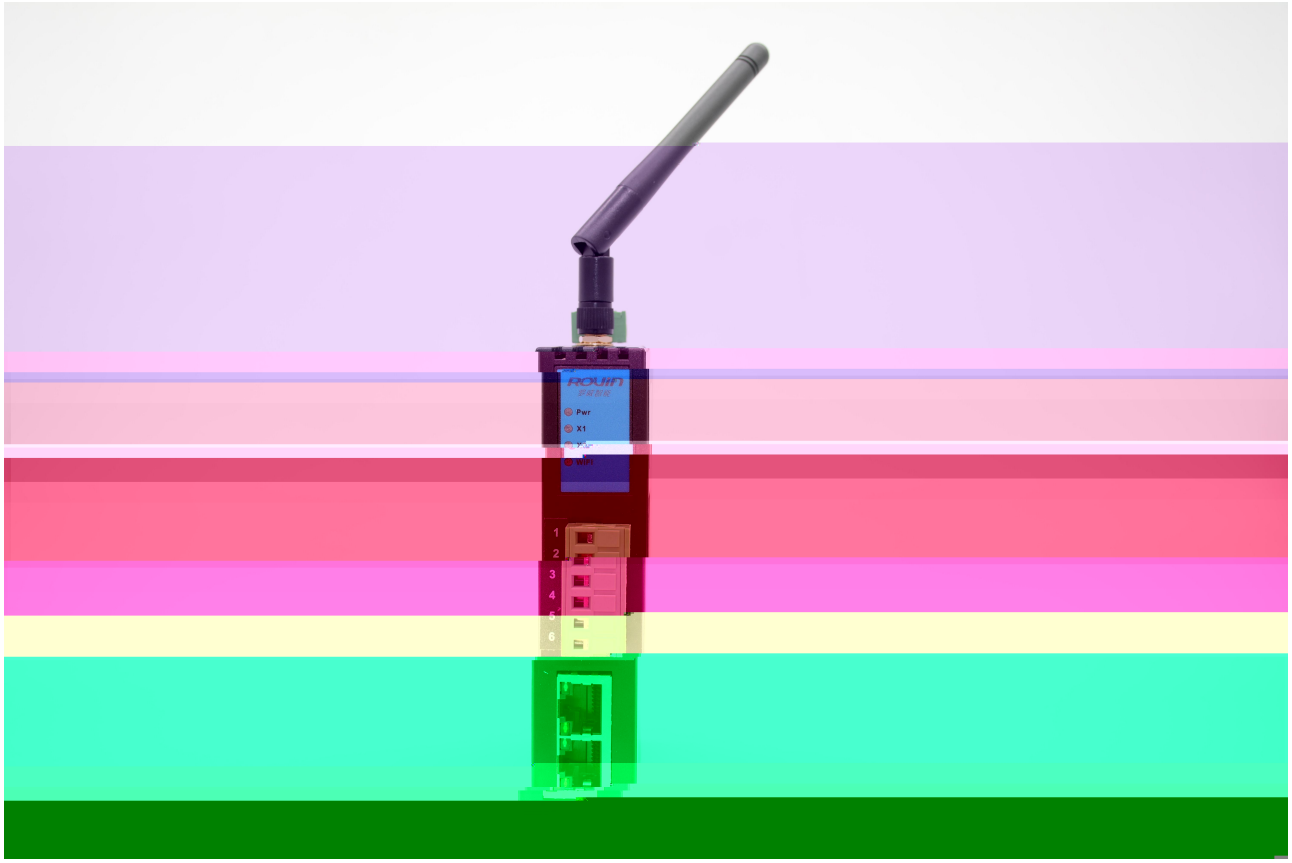
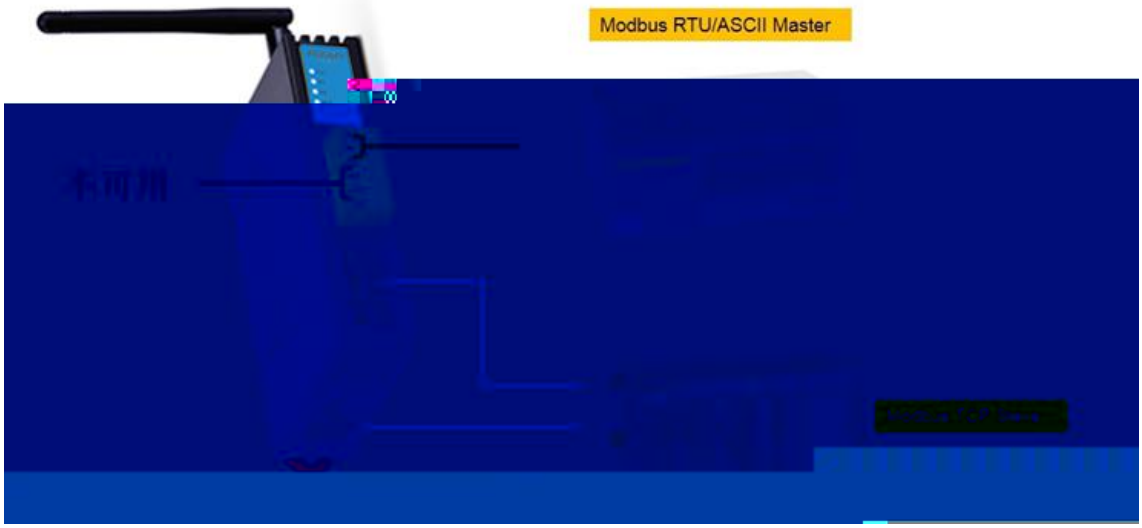
RVNet-MB-S



1.RVNet-MB-S

4



1. Modbus RTU/ASCII Modbus TCP
2. X2

RVNet-MB-S 6 X1 X2 RJ45 X3 RJ45 X4 X5 X6

X1 3 Modbus RTU/ASCII

RS485	
1	Date+
2	Date-
3	GND

RS232	
1	RD
2	SD
3	GND

X1 9.6k~115.2k

X2 3 Modbus RTU/ASCII

RS485	
4	Date+
5	Date-
6	GND

X2 9.

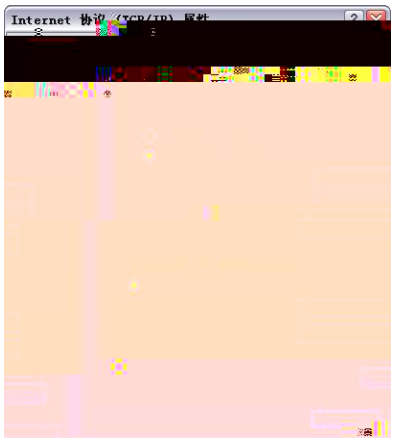
RVNet-MB-S LED Pwr COM1
COM2 LINK

	Pwr	COM1	COM2	WiFi

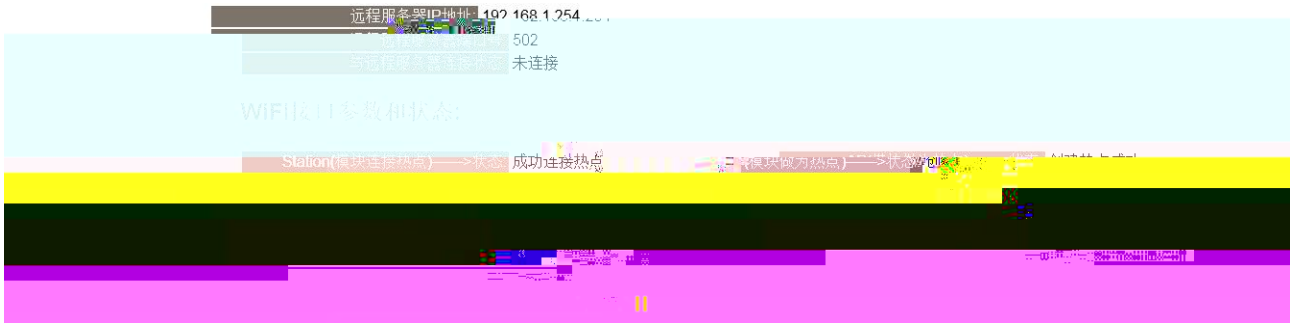
3.

RVNet-MB-S

RVNet-MB-S 24VDC Pwr COM1
WiFi AP WiFi X1
Modbus RTU/ASCII COM1
X2 Modbus RTU/ASCII Modbus RTU/ASCII
COM2



Internet Explorer 192.168.1.188 RVNet-MB-S IP RVNet-MB-S Web .



Modbus RTU/ASCII

COM1 COM2

WiFi WiFi Station AP

Station WiFi

Station Station

SSID AP SSID 32

AP 64

AP WEP WPA WPA2

IP IP IP

IP Station IP 192.168.1.168

Station 255.255.255.0

Station 192.168.1.1

AP WiFi

AP AP

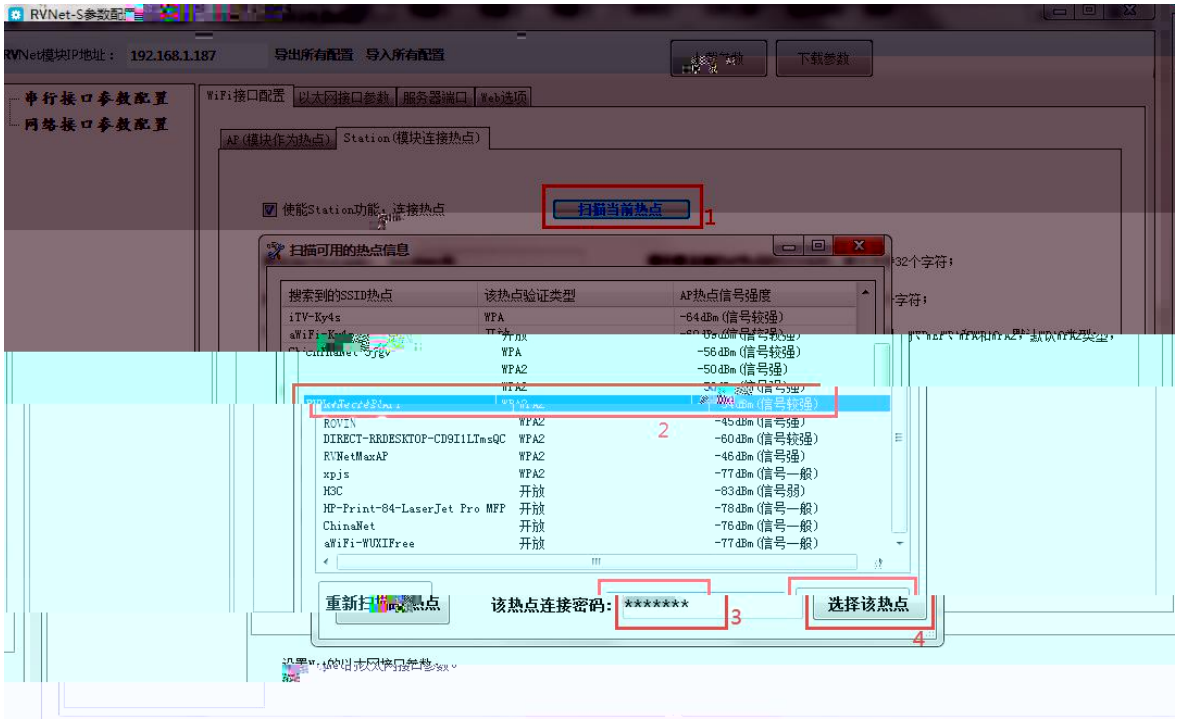
SSID AP SSID 32

AP 64

TCP/IP—

2. “Station( )” “ AP ”

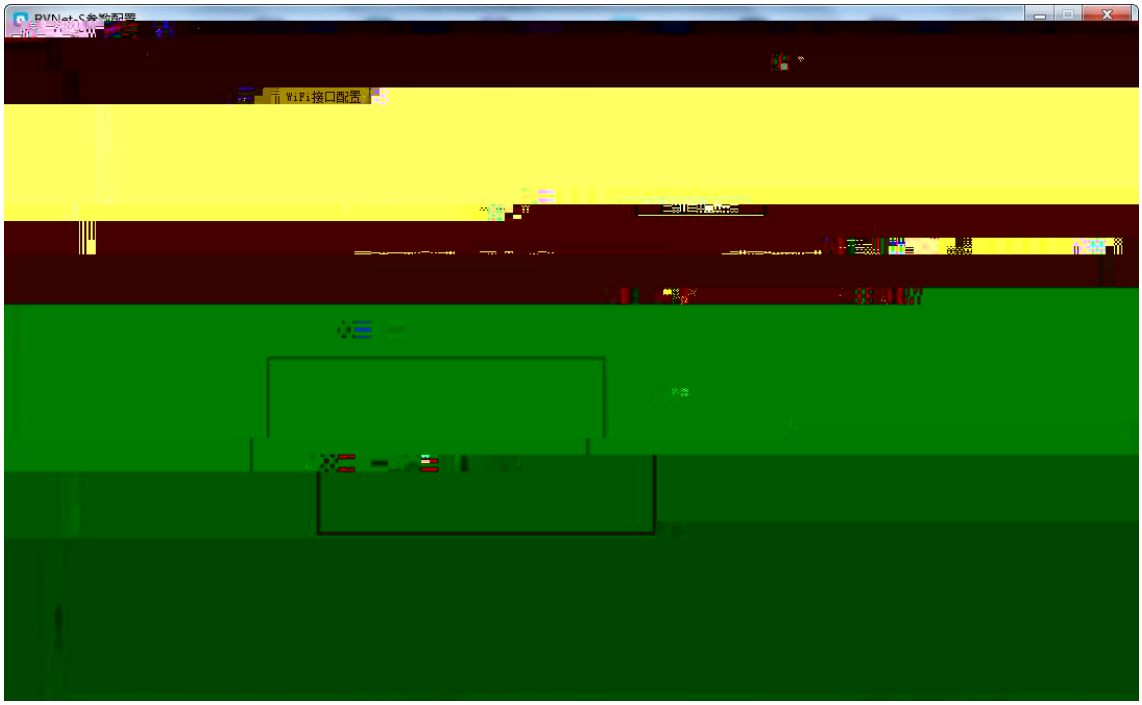
3. “ ” “ ”



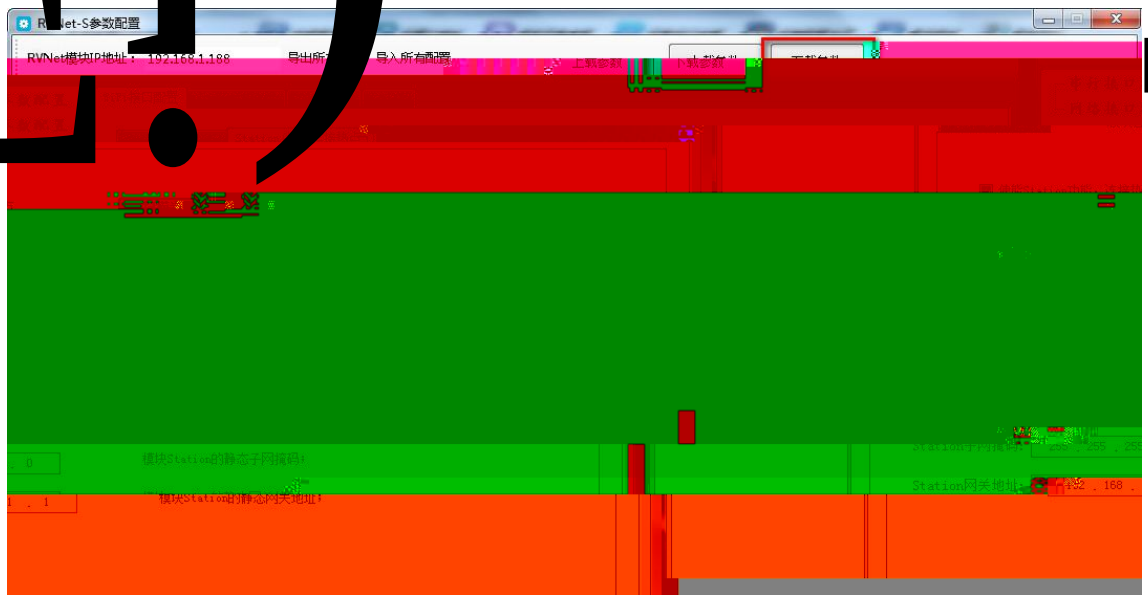
4. “ ” “ ” “ ”

Station IP “ IP ”

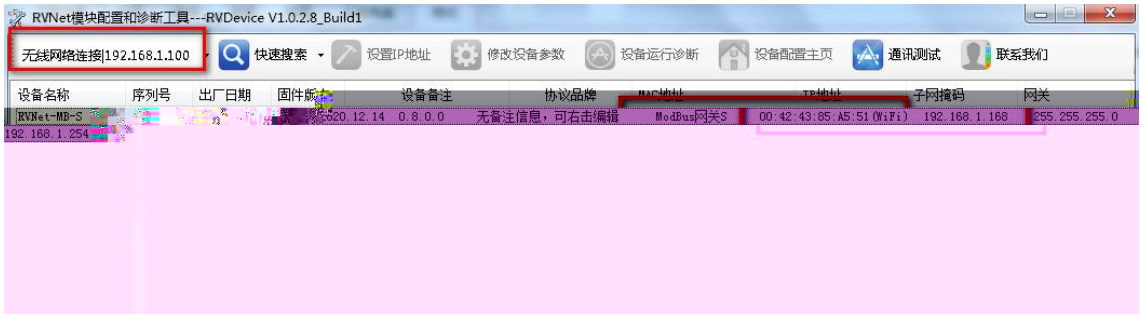
Station DHCP IP “ IP ” IP



5. “ ”



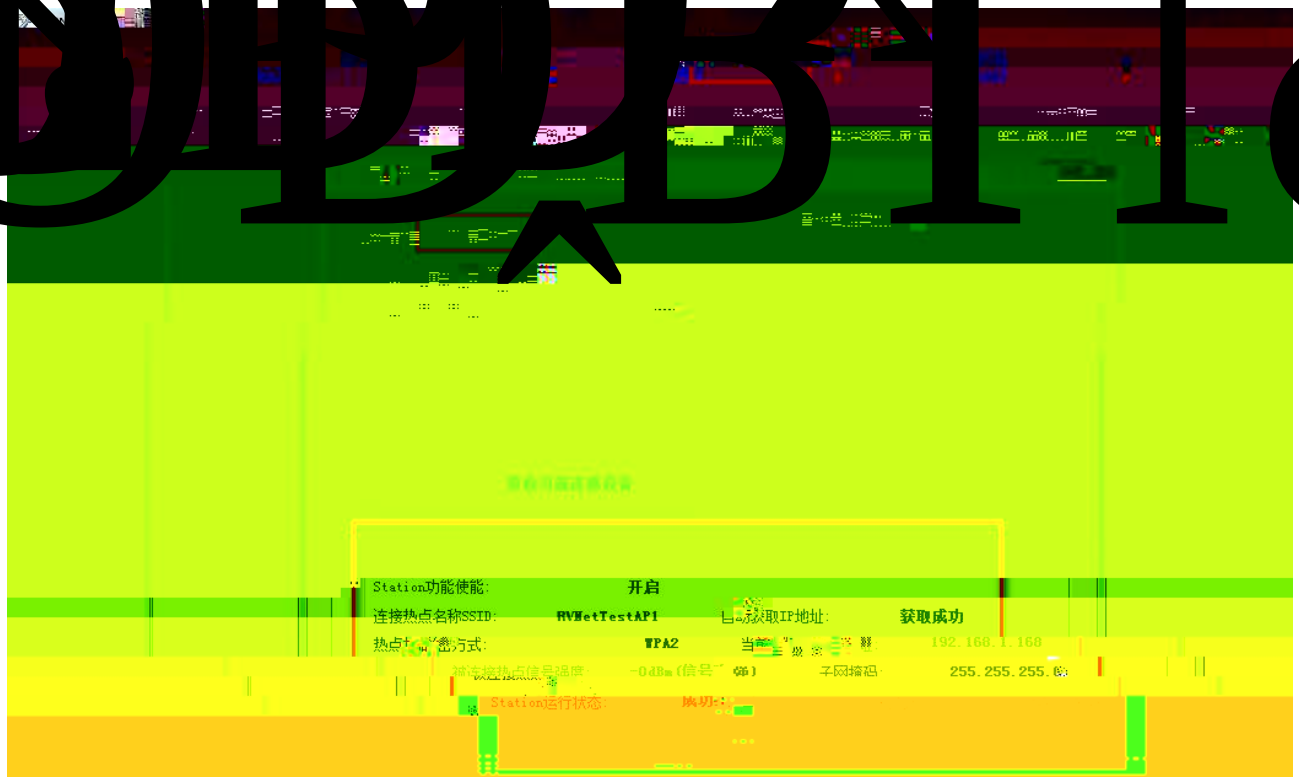
1. AP AP NetDevice



(WiFi) (WiFi) Station AP

IP IP PLC

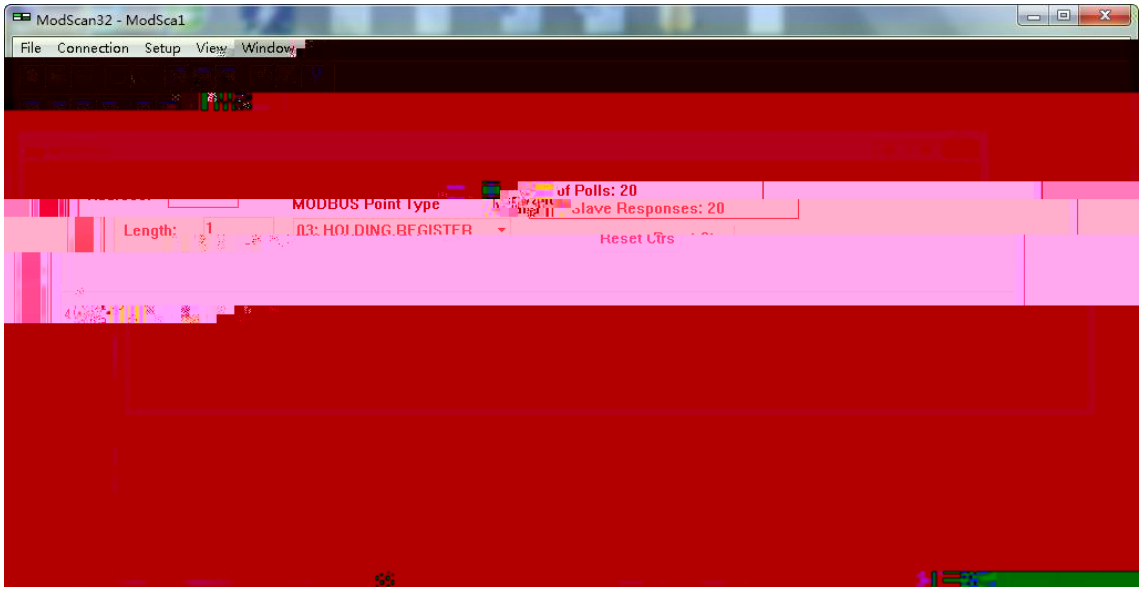
2. Station



NetDevice “ ” “WiFi >>“Station( )” Station “ ” -0dBm( )” IP “192.168.1.168”

B) MODBUS TCP

RVNet-MB-S COM1



C)

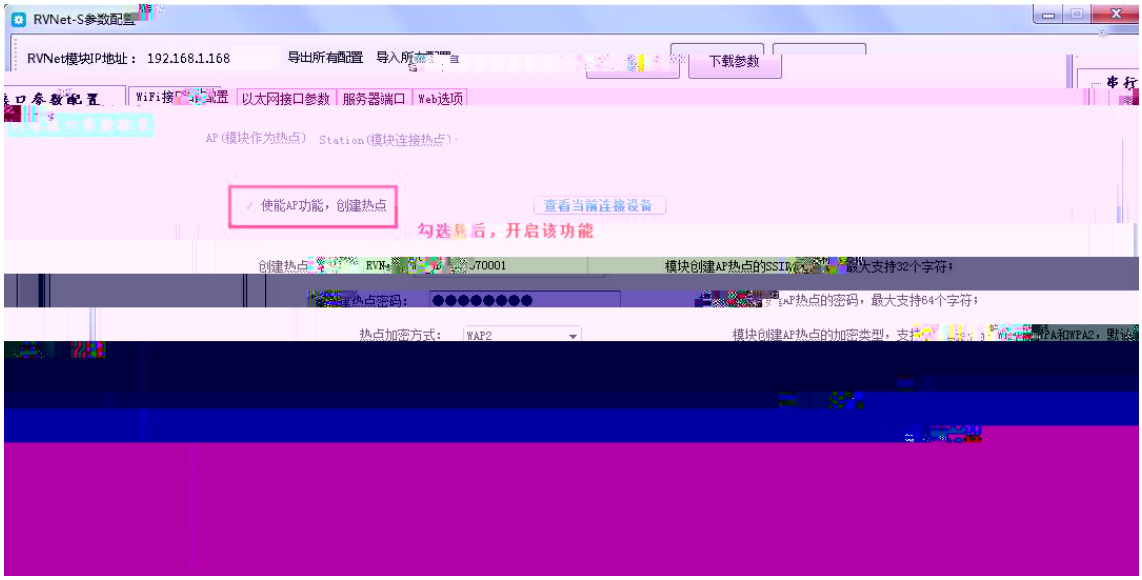
“5.SCADA ” IP Station IP

RVNet-MB-S AP WiFi Station PLC

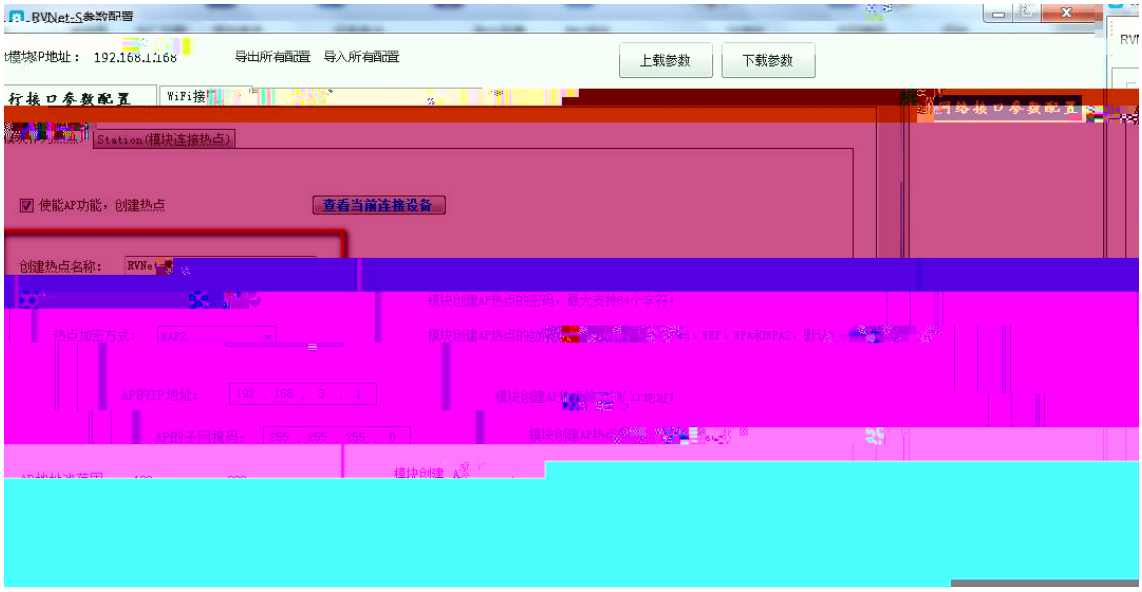
1. NetDevice


AP的IP地址：
192 . 168 . 3 . 1
AP的子网掩码：
255 . 255 . 255
AP地址池范围：
100
—
200
模块创建AP热点的子网掩码；

2. “AP( )” “ AP ”


RVNet-S参数配置
RVNet模块IP地址： 192.168.1.168
导出所有配置
导入所
下载参数
以太网接口参数
服务器端口
Web选项
AP(模块作为热点)
Station(模块连接热点)
使能AP功能，创建热点
查看当前连接设备
勾选
后，开启该功能
创建热点
模块创建AP热点的SSID
最大支持32个字符；
AP热点的密码，最大支持64个字符；
热点加密方式：
WAP2

2. AP



A “ ” “RVNet-MB-S:XXXXXX” “XXXXXX”

B “ ” “12345678” 8

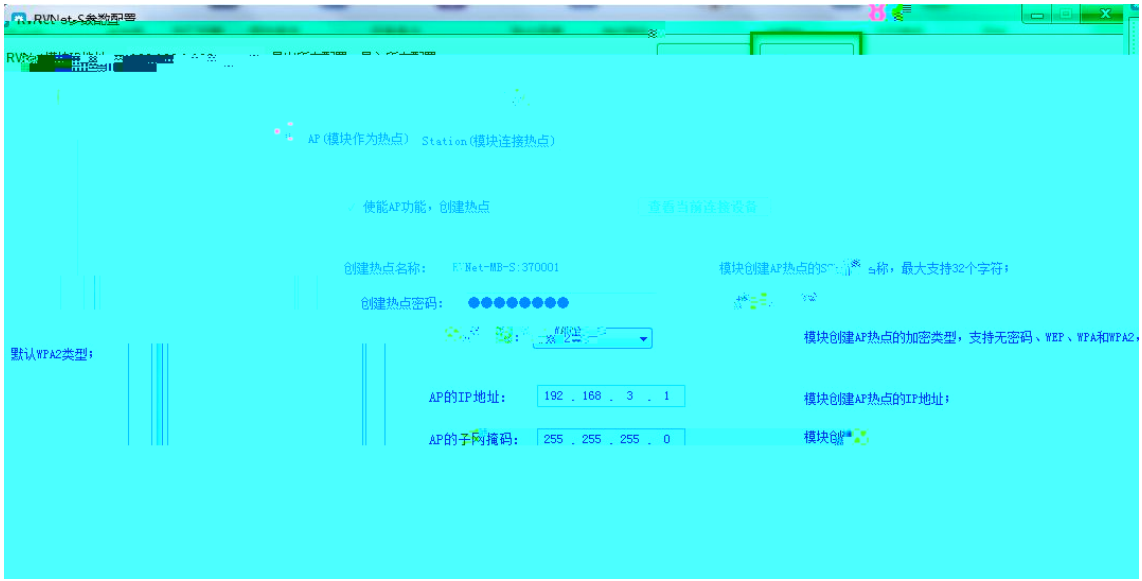
C “ ” WEP WPA WPA2 WAP2

D “AP IP ” AP IP 192.168.3.1 255.255.255.0

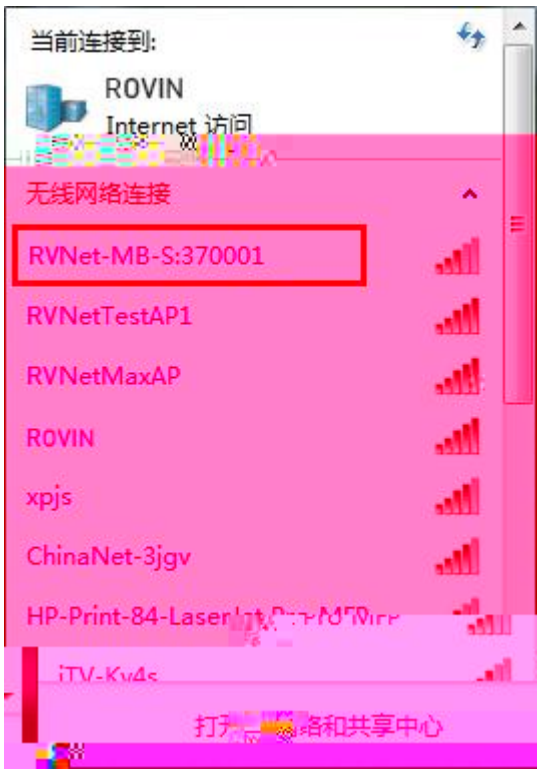
AP IP C

E “AP ” DHCP 100—200

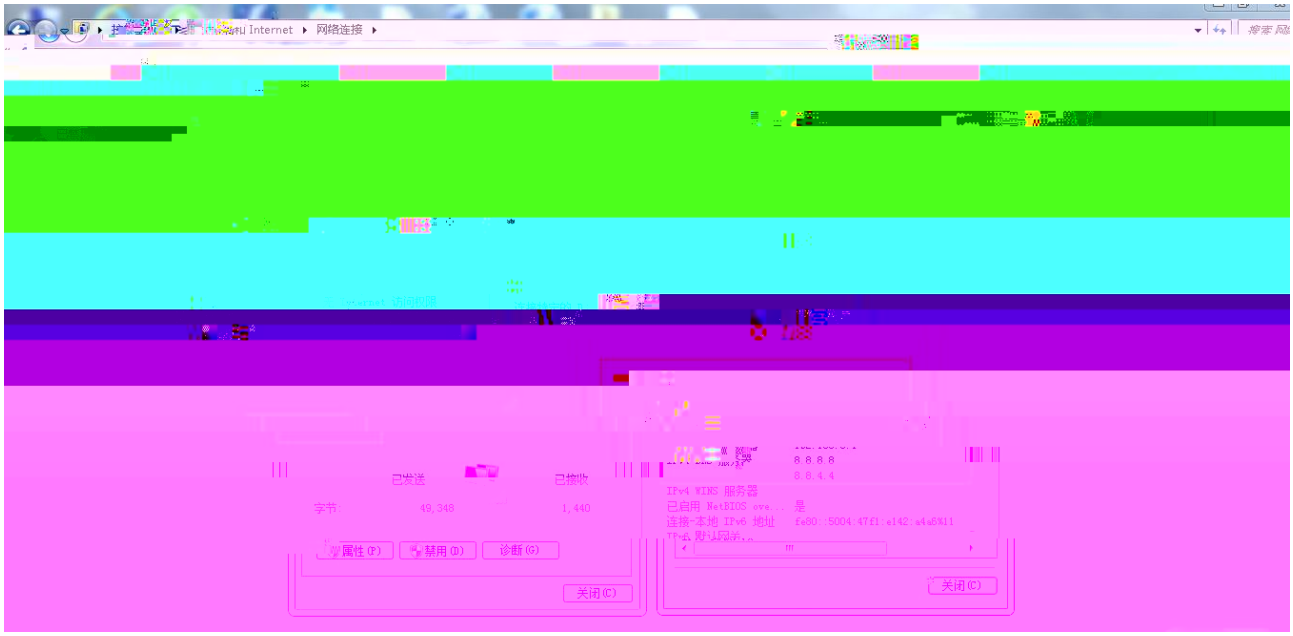
3. “ ”



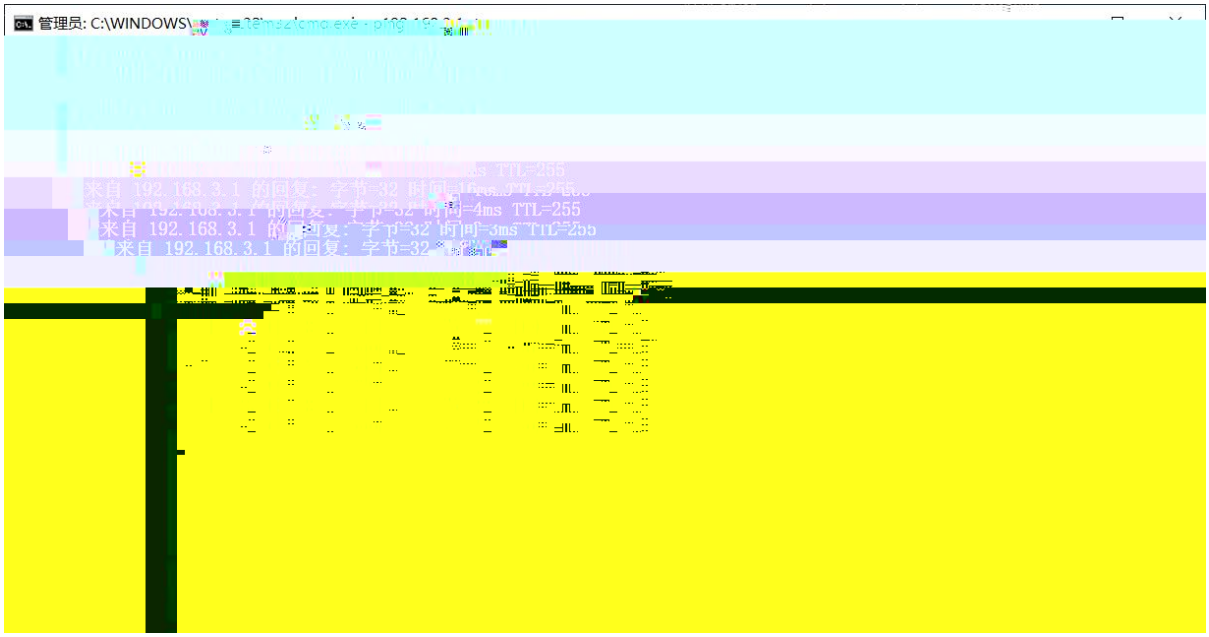
1. “RVNet-MB-S:XXXXXX”



2. “RVNet-MB-S:XXXXXX” RVNet 192.168.3.100 IP IP 192.168.3.1

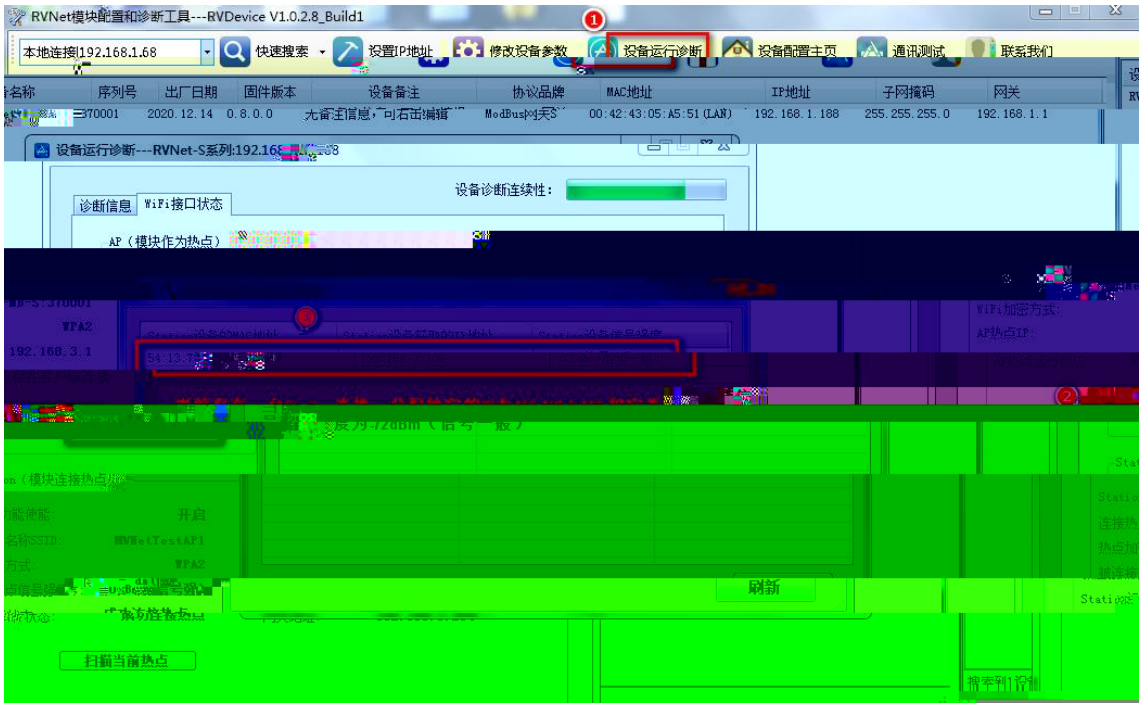


3. IP PING ping 192.168.3.1 RVNet-MB-S



4. 192.168.3.1 IP PLC WiFi IP

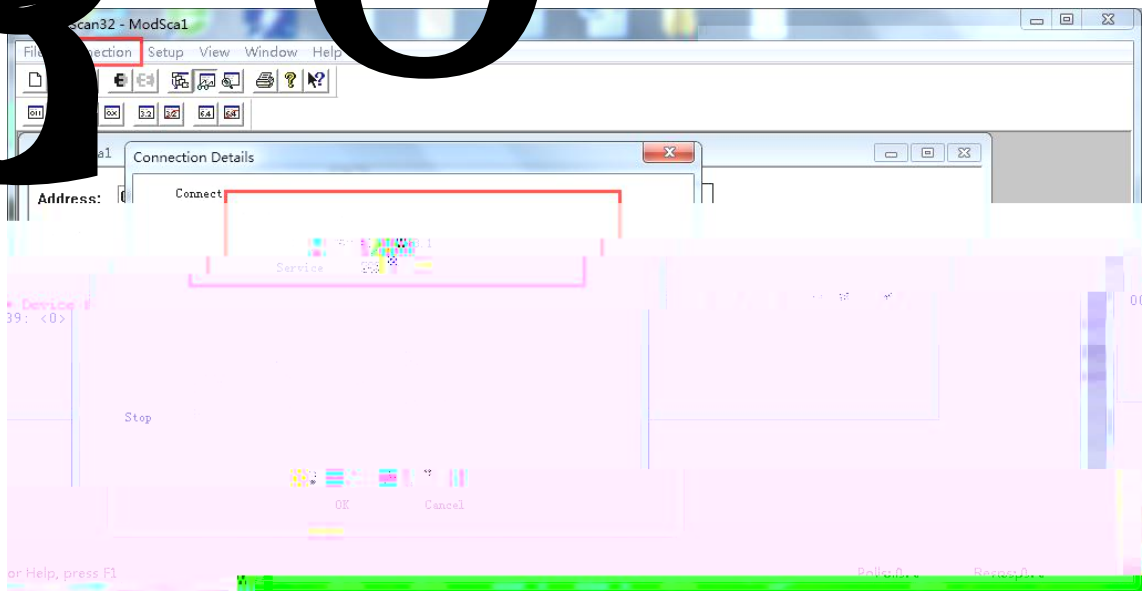
A NetDevice



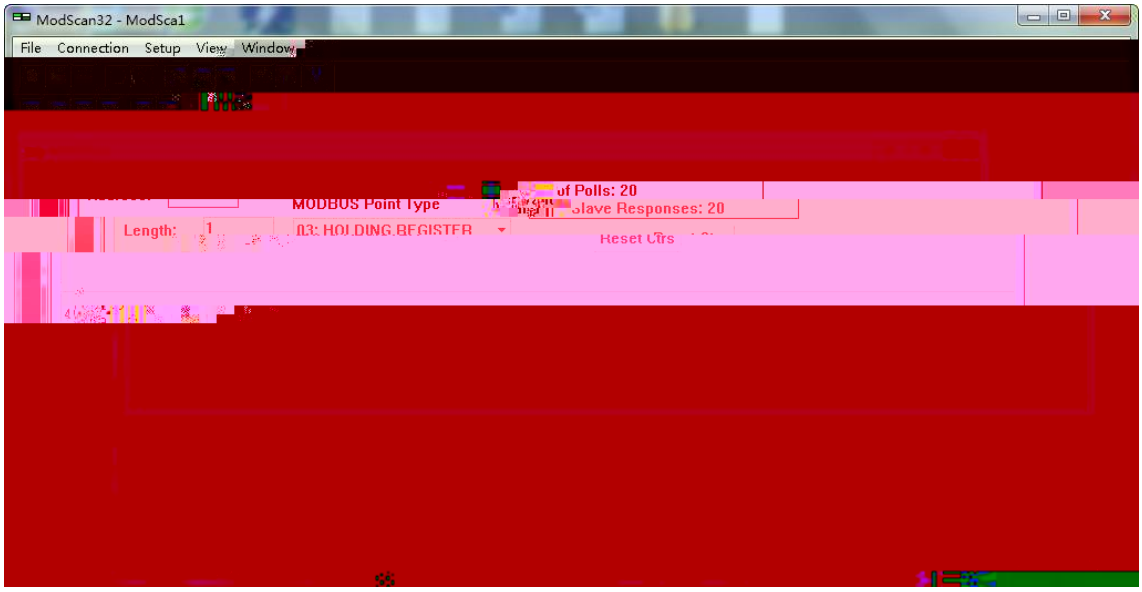
NetDevice “ ” “ ” Station IP 192.168.3.100 Station -72dBm

B MODBUS TCP

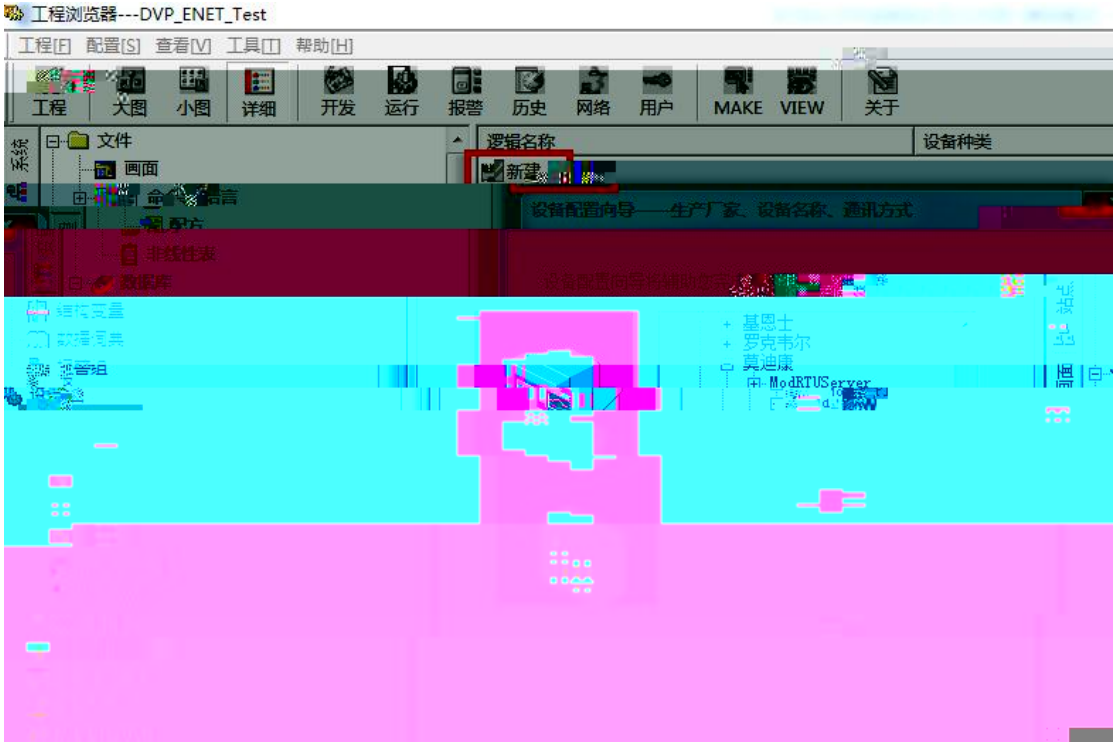
RVNet-MB-S COM1 3 MODBUS RTU Modscan

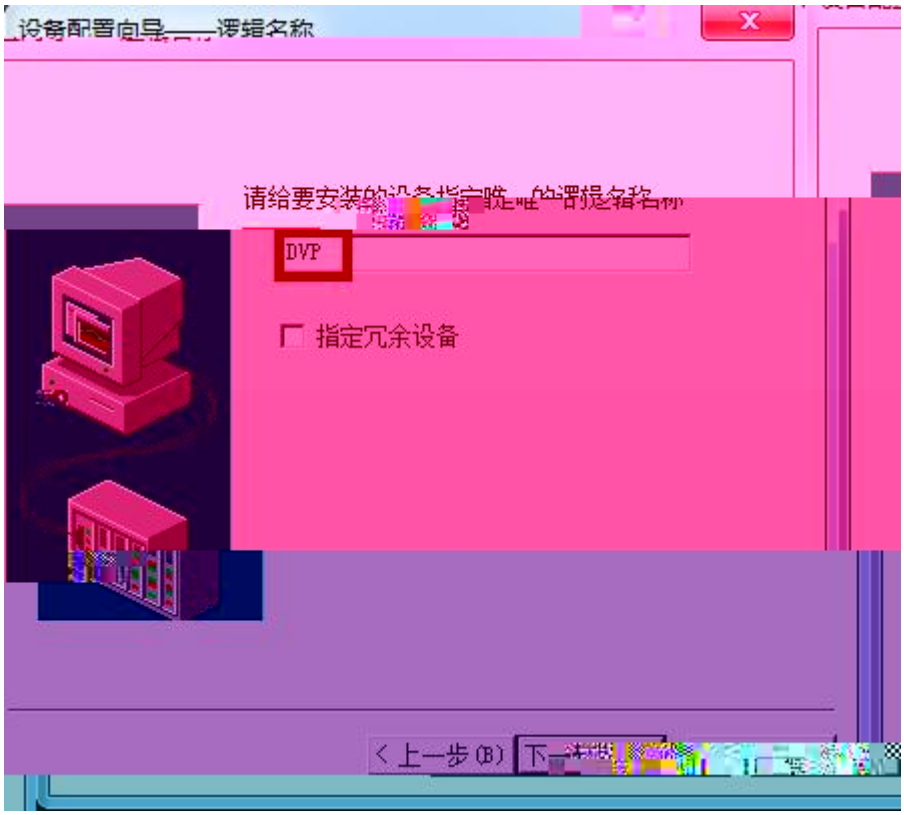


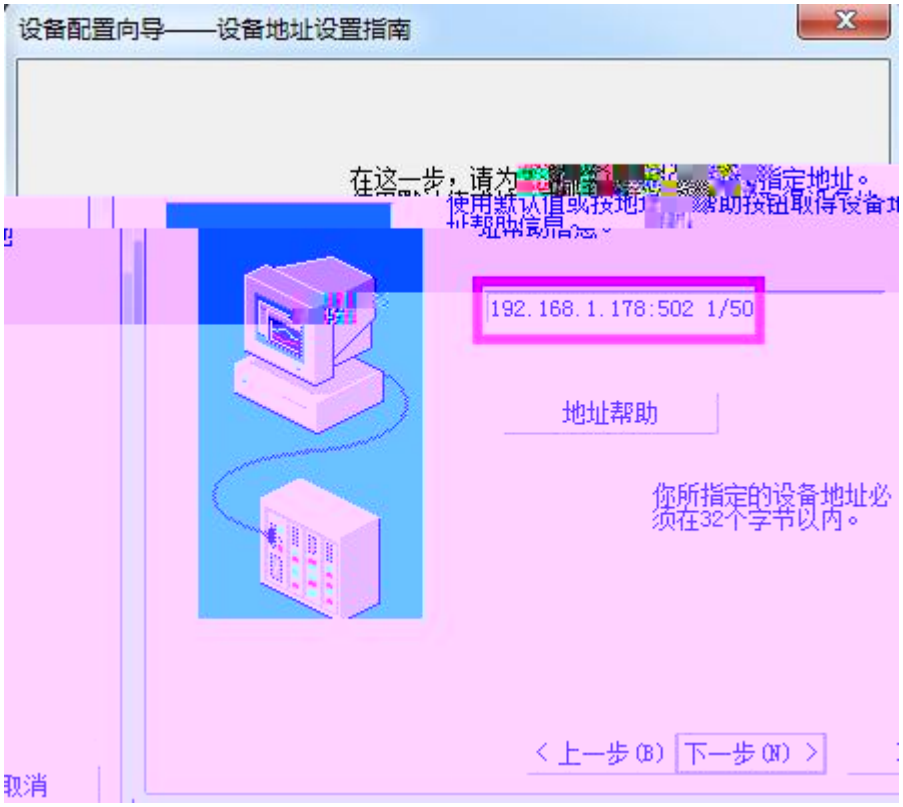
IP 192.168.3.1 AP IP

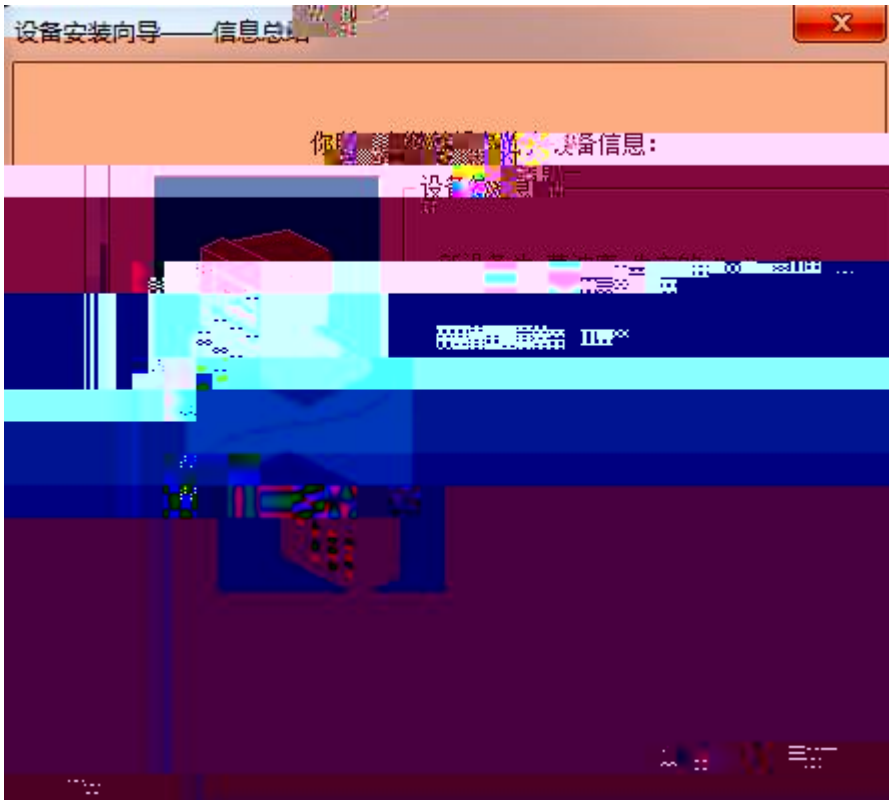


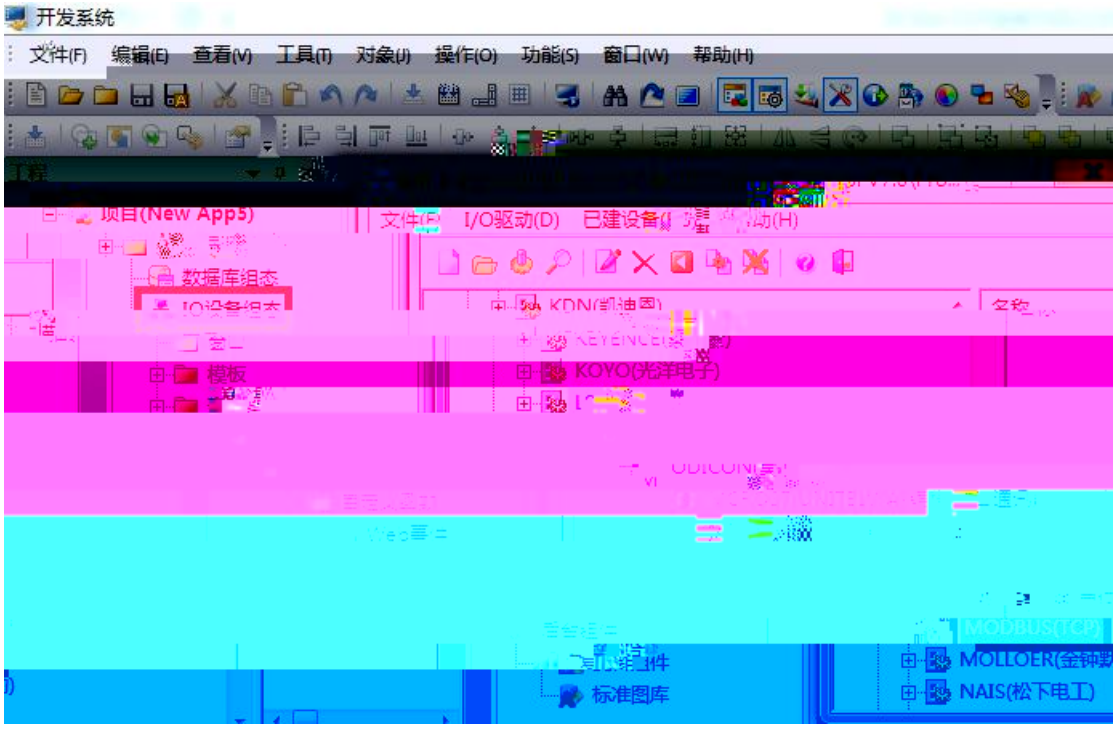
C


工程浏览器---DVP_ENET_Test
工程[F] 配置[S] 查看[V] 工具[T] 帮助[H]
工程
大图
小图
详细
开发
运行
报警
历史
网络
用户
MAKE
VIEW
关于
文件
画面
逻辑名称
新建
设备种类
设备配置向导——生产厂家、设备名称、通讯方式
基恩士
罗克韦尔
黄迪康
ModRTUServer


设备配置向导——逻辑名称
请给要安装的设备指定唯一的逻辑名称
DVP
指定冗余设备
< 上一步(B)

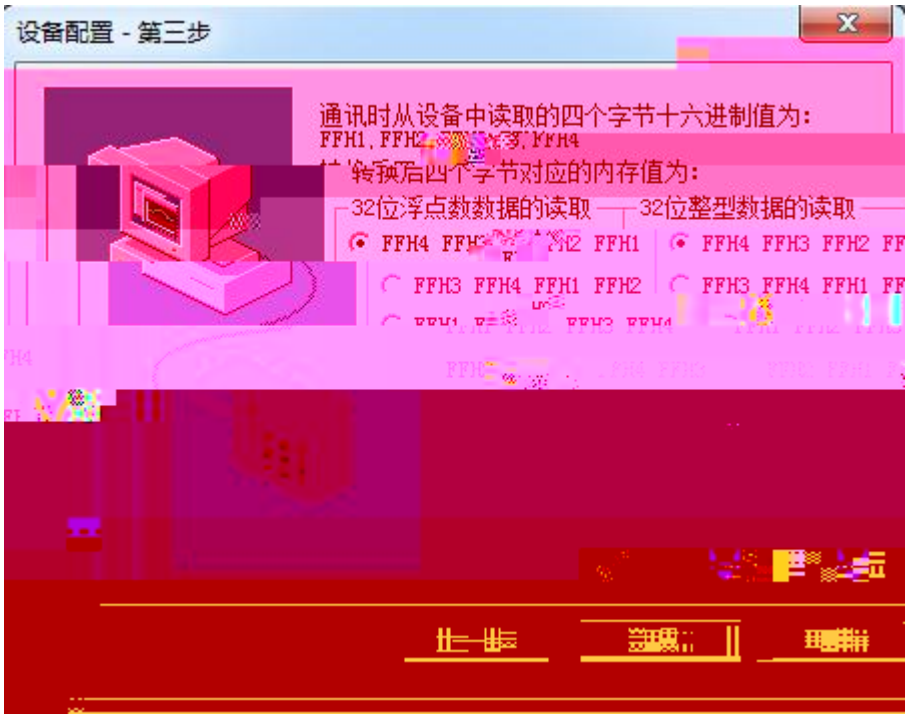

设备配置向导——设备地址设置指南
192.168.1.178:502 1/50
地址帮助
你所指定的设备地址必须在32个字节以内。
< 上一步(B)
下一步(N) >

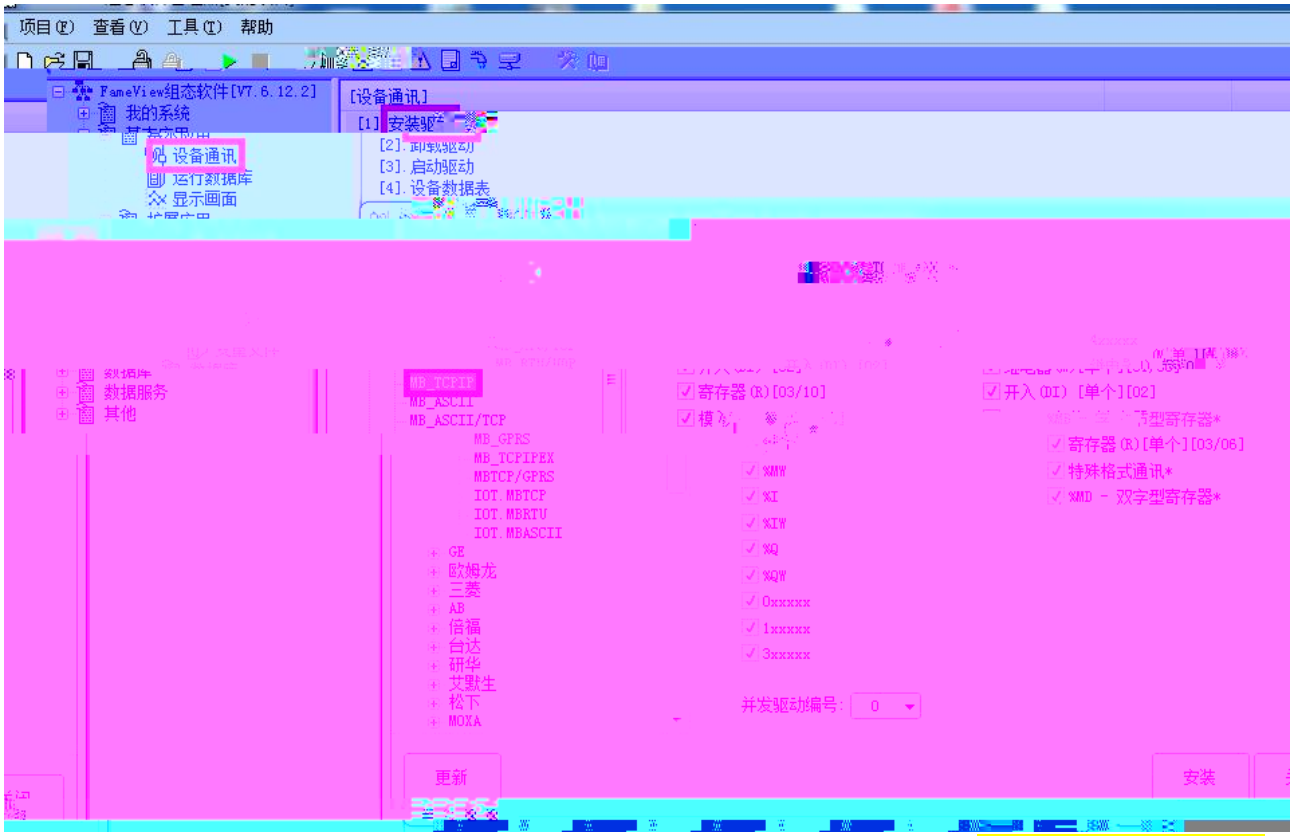

设备安装向导——信息总览

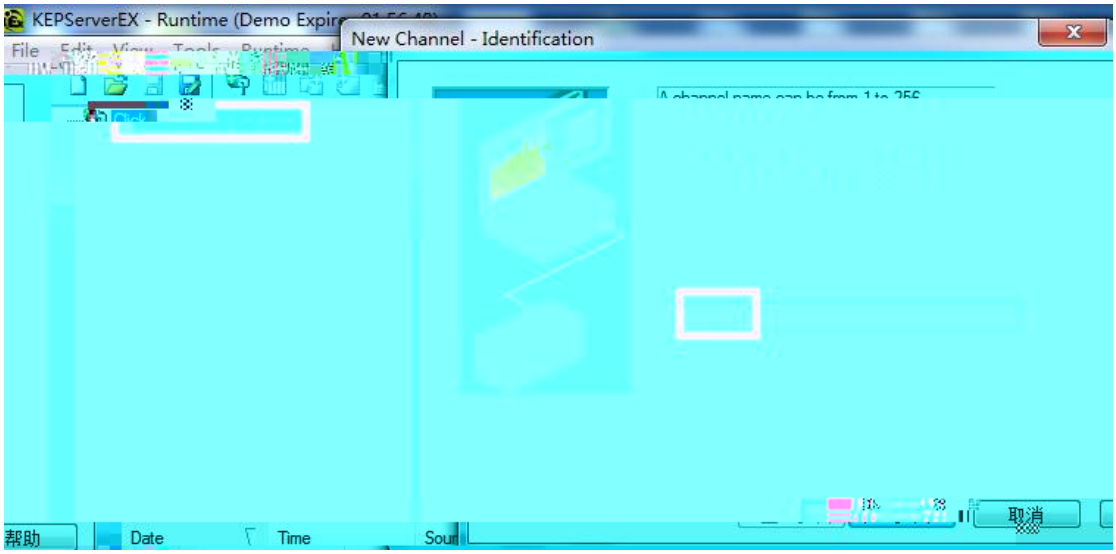

开发系统
文件(F)
编辑(E)
查看(V)
工具(T)
对象(J)
操作(O)
功能(S)
窗口(W)
帮助(H)
项目(New App5)
数据库组态
模板
KOYO(光洋电子)
MODBUS(TCP)
MOLLOER(金钟默
NAIS(松下电工)
标准图库


设备配置 - 第一步
设备名称: DVP
设备描述:
更新周期: 100
毫秒
超时时间:
秒
设备地址: 1
通信方式: TCP/IP网络
故障后恢复查询
周期: 300
秒
最大时限: 60
分钟
独占通道
高级
< 上一步(B)
下一步(N) >
取消

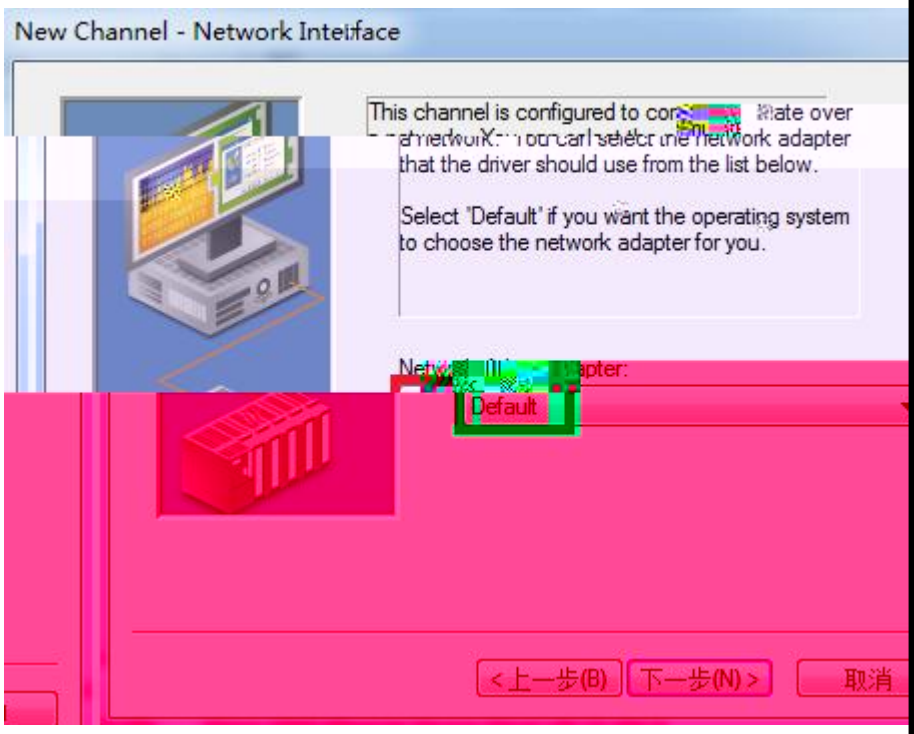

设备配置 - 第二步
设备IP地址:
192.168.1.178
端口:
502
启用备用通道


设备配置 - 第三步
通讯时从设备中读取的四个字节十六进制值为:
转换后四个字节对应的内存值为:
32位浮点数数据的读取
32位整型数据的读取
FFH4 FFH3 FFH2 FFH1
FFH3 FFH4 FFH1 FFH2
FFH4 FFH3 FFH2 FF
FFH3 FFH4 FFH1 FF

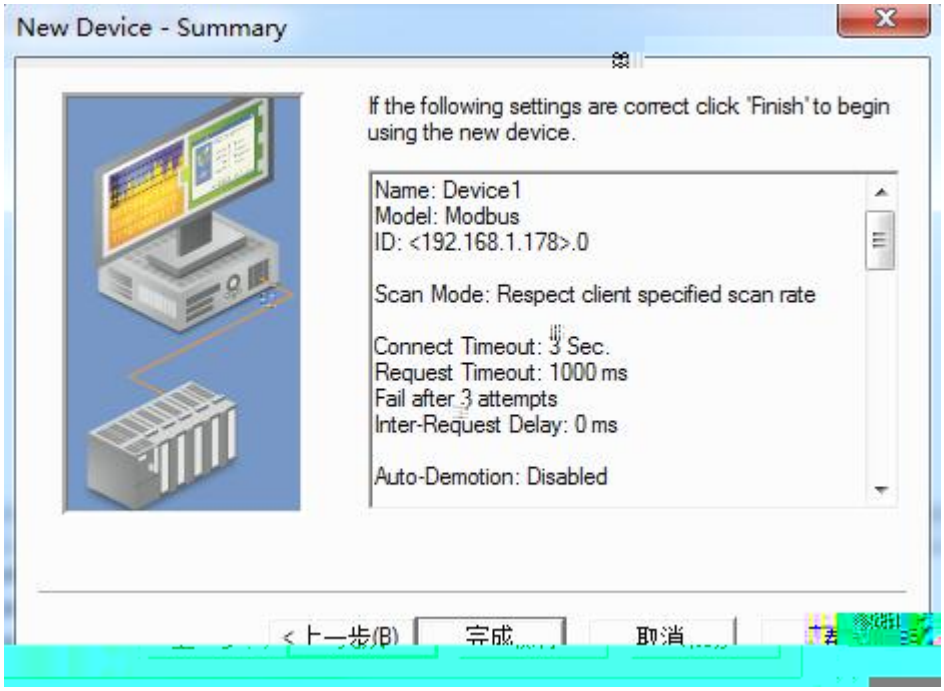

项目(F) 查看(V) 工具(T) 帮助
FameView组态软件[V7.6.12.2]
我的系统
设备通讯
运行数据库
显示画面
[设备通讯]
[1].安装驱动
[2].卸载驱动
[3].启动驱动
[4].设备数据表
数据库
数据服务
其他
MB_TCPIP
MB_ASCII
MB_ASCII/TCP
MB_GPRS
MB_TCPIPEX
MBTCP/GPRS
IOT.MBTCP
IOT.MBRTU
IOT.MBASCII
GE
欧姆龙
三菱
AB
信福
台达
研华
艾默生
松下
MOXA
寄存器(R)[03/10]
%MW
%I
%IW
%Q
%QW
0xxxxx
1xxxxx
3xxxxx
并发驱动编号: 0
开入(DI) [单个][02]
寄存器(R)[单个][03/06]
特殊格式通讯*
%MD - 双字型寄存器*
更新
安装


KEPServerEX - Runtime (Demo Expir
File Edit View Tools Runtime
New Channel - Identification
帮助
Date
Time
Sour
取消


New Channel - Device Driver
Modbus TCP/IP Ethernet
Enable diagnostics
< 上一步(B)
下一步(N) >
取消
帮助

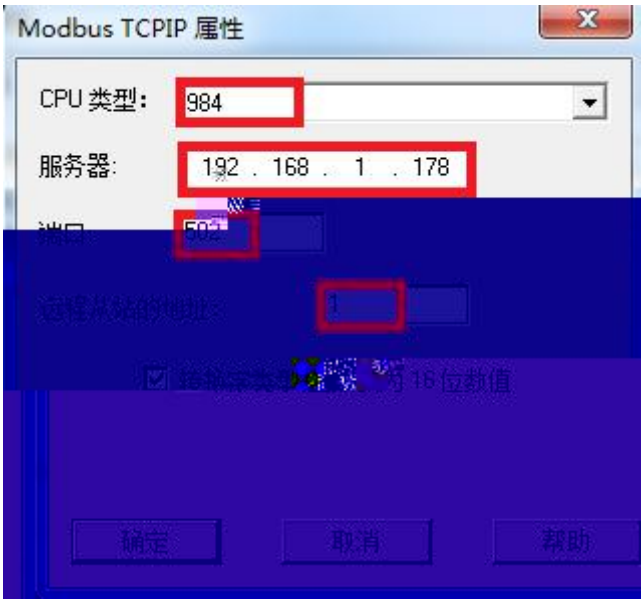

New Channel - Network Inteiface
This channel is configured to co
ate over
that the driver should use from the list below.
Select 'Default' if you want the operating system
to choose the network adapter for you.
Default
<上一步(B)
下一步(N)>
取消

F D DLFN



1. WinCC “ ” “ ”
“Modbus TCPIP.chn” “ ”

2. “Modbus TCPIP/IP #1” “ ” “ ”
CPU 984 “ ” RVNet-MB-S IP 502
Modbus



6.

RVNet-MB-S

Modbus

Pwr Com1 Com2 WiFi

Link/Active

RJ45

10/100Mbps

ModbusTCP ModbusUDP

TCP	32
WiFi	802.11 b/g/n 2.4G-2.5G

+26dBm(MAX,2.4G 802.11b/g/n)

-89dBm(802.11b) -74dBm(802.11g) -72dBm(802.11n)

Station/AP

WPA-PSK/WPA2-PSK/WEP

ModbusTCP ModbusUDP

TCP 32

X1

7.

2766

250101

0531-88689022

0531-88689022

88

266107

0532-68894021 83029299

0532-83029299

18753243991 garywei@dingtalk.com

www.qiyuanauto.cn