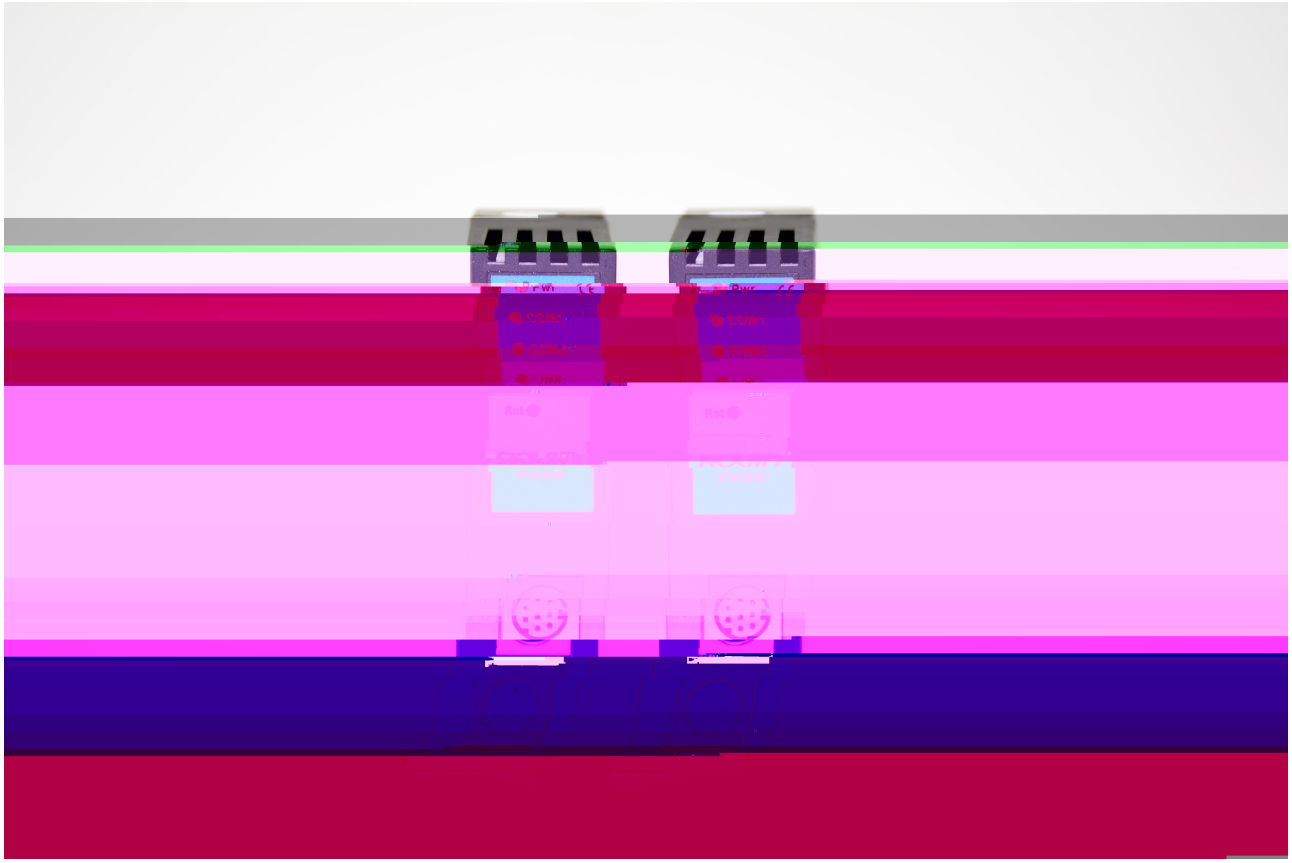
RVNet-FX

FX PLC



1.RVNet-FX

1.1

RVNet-FX

1.2.1

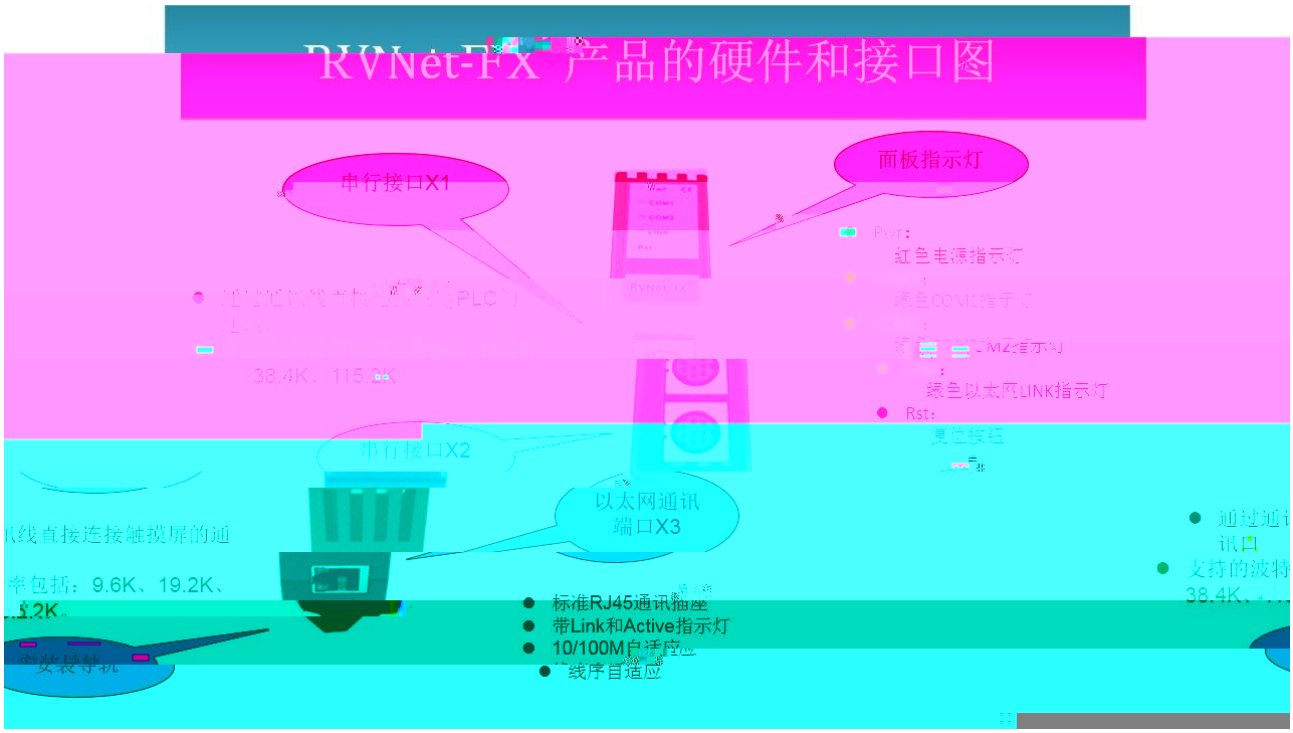
FX PLC PLC

PLC

MCGS RVNet

2.

2.1


RVNet-FX 产品的硬件和接口图
串行接口X1
面板指示灯
串行接口X2
以太网通讯
端口X3
标准RJ45通讯插座
带Link和Active指示灯
10/100M自适应
线序自适应

2.2


MITSUBISHI
MELSEC
PLC3
POWER
RUN
BATT
ERROR
Pwr
COM1
COM2
LINK
Rst

2.3

RVNet-FX MD8 X1 MD8 X2 RJ45 X3 X4

2.3.1 X1

X1 MD8 PLC

1 —— TXD-
2 —— GND
4 —— RXD-
5 —— 5V
7 —— RXD+

X1 9.6k 19.2k 38.4K 115.2k

2.3.2 X2

X2 MD8

1 —— RXD-
2 —— RXD+
3 —— GND
4 —— TXD-
7 —— TXD+

X2 9.6k 19.2k 38.4K 115.2k

2.3.3 X3

RJ45

1 —— TX+
2 —— TX-
3 —— RX+
6 —— RX-

Link Active 10/100M T568A/ T568B

2.3.4 24VDC X4

X4 RVNet-FX 24VDC 24VDC±20%/100mA

24VDC

2.4

RVNet-FX LED Pwr COM1
COM2 LINK

	Pwr	COM1	COM2	LINK

3.

RVNet-FX

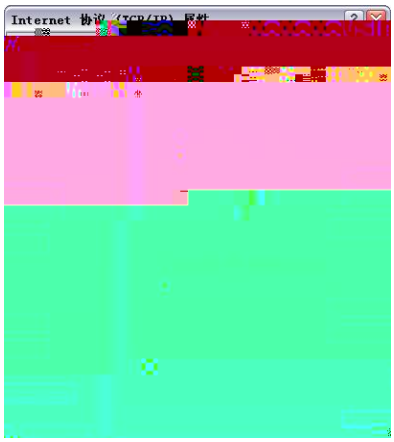
3.1

FX PLC PLC COM1 Pwr
LINK COM1 COM1
COM2 COM2 COM2

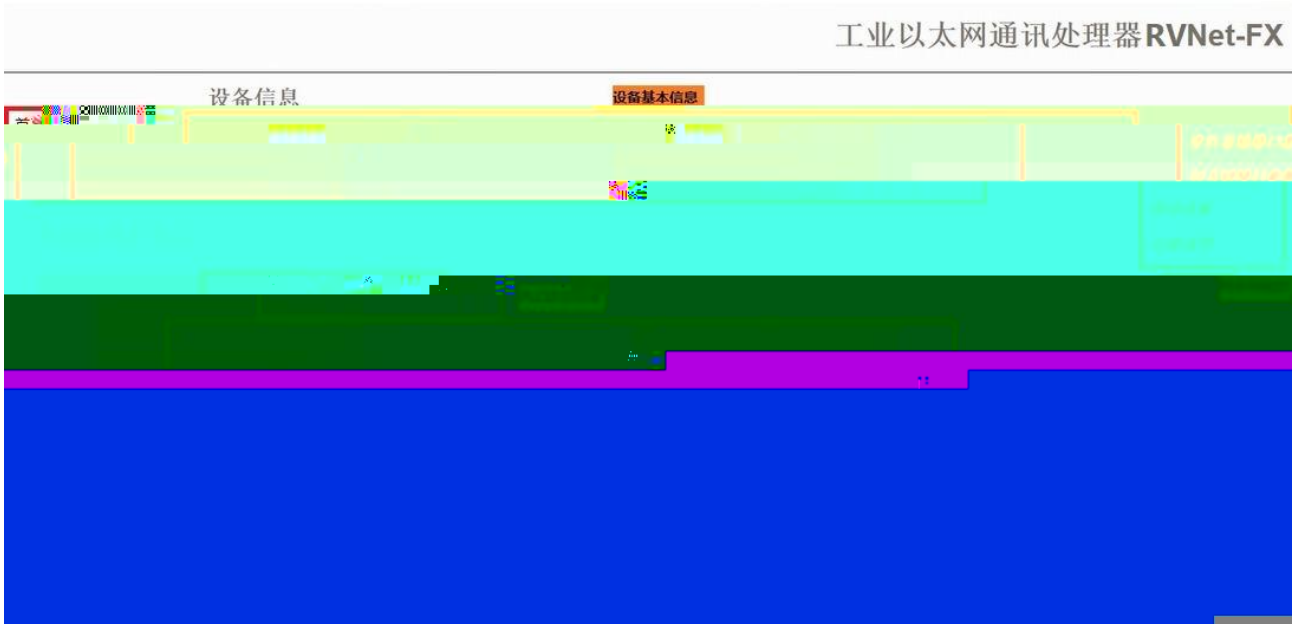
3.2 Web

RVNet-FX RJ45 RVNet-FX Link
Link RVNet-FX

IP 192.168.1.100



Internet Explorer 192.168.1.178 RVNet-FX IP RVNet-FX Web



PLC PLC

COM1 COM2

3.2.1

PLC “ ” “ ” “PLC (COM1)——>PLC ”
PLC

HMI “ ” “ ” “HMI (COM2)——> ”

HMI

RVNet-FX “ ” “RVNetTCP ” “
” “RVNetTCP ” “ ”

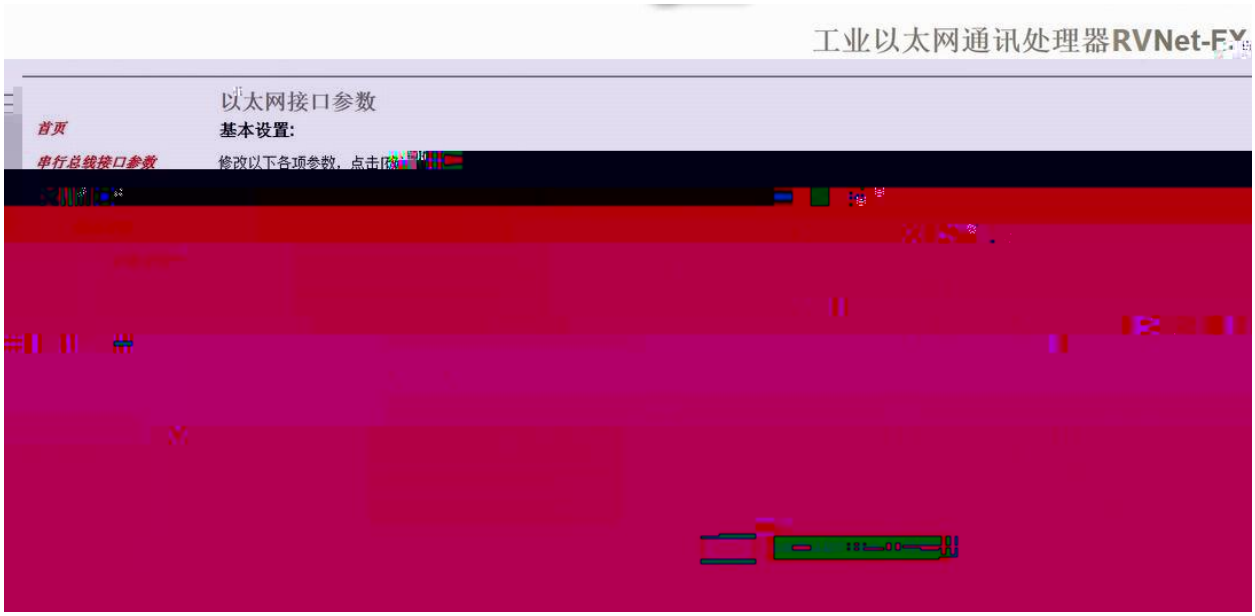
RVNet-FX 3

PLC (COM1)——>PLC PLC FX1S FX1N/FX2N FX3U/FX3G “
PLC ” “ ”

PLC (COM1)——> PLC PLC
“FX1N/FX2N” [38400 19200 PLC

HMI (COM2)——> “HMI ” “ ” HMI
“HMI ” “ ”

3.2.2



RVNet-FX IP

[ ] RVNet-FX IP

5551 “RVNetTCP ”
“ ”

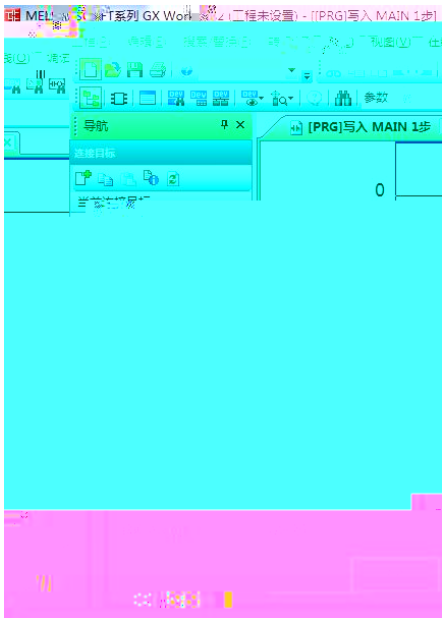
3.2.3

PLC

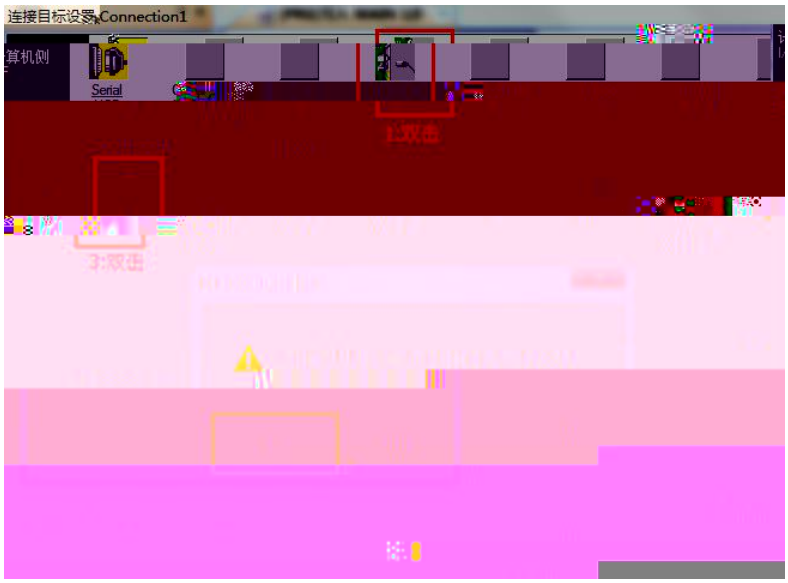
4.1.1 FX3G/3GC FX3S FX3U/3UC

FX3G/3GC FX3S FX3U/FX3UC 3 FX RVNet-FX GX Works2
FX3UC

1. FX3U/FX3UC Connection

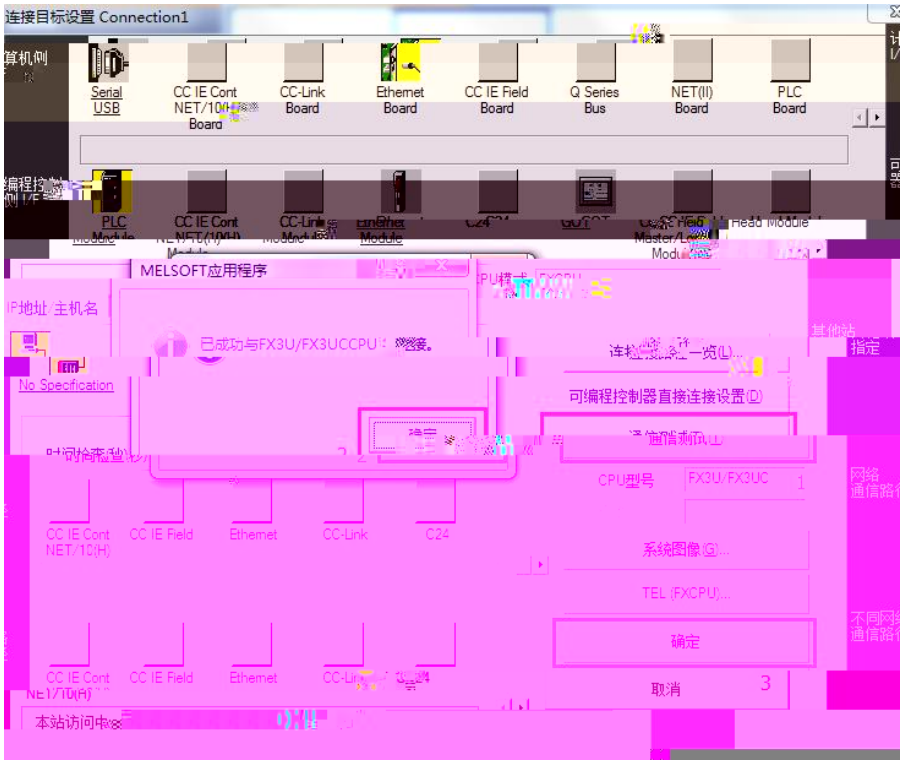


2. “ EthernetBoard ” “ ”
“ PLC Module ”

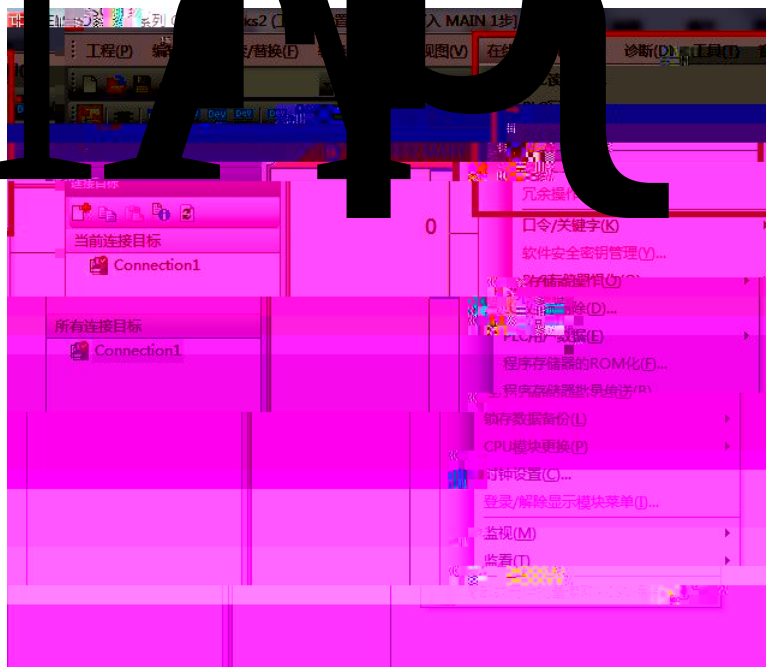


3. “ FXCPU(S) ” RVNet-FX FX3UC

4. IP “ ” FX3UCCPU



5. “ ” PLC



4.1.2 FX1N/1NC FX2N/2NC FX1S

FXCPU FX1N FX2N FX1S FXPLC

RVNet-FX GX W2N ىn X

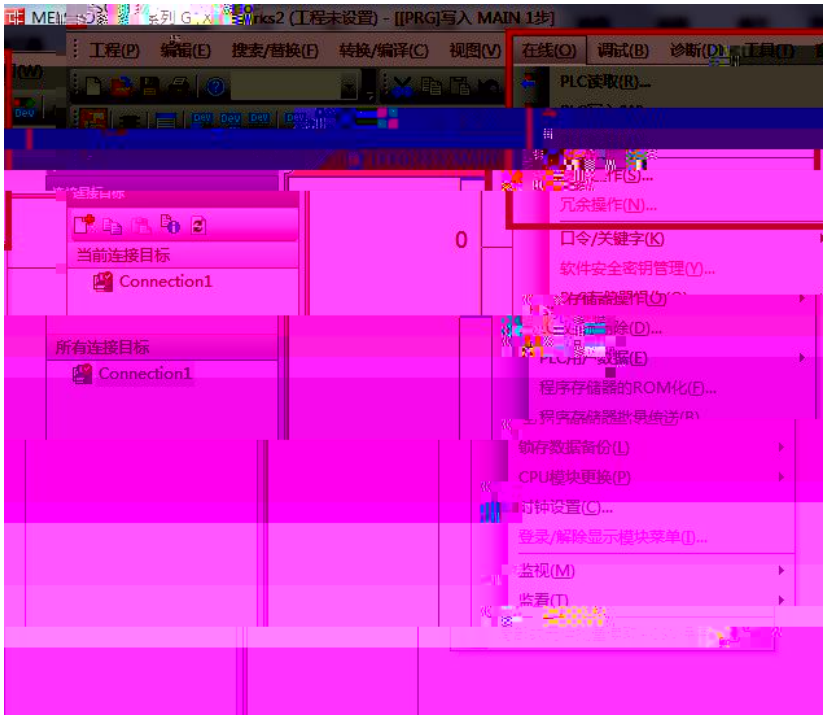
“ GOT ”

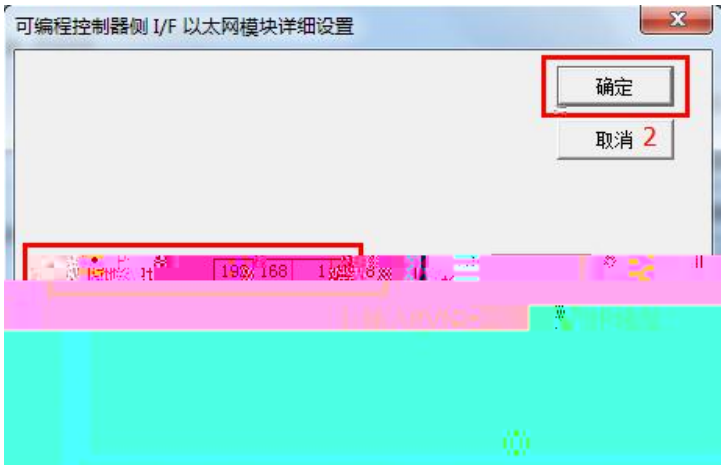

连接目标设置 Connecti
计算机侧
I/F
Serial
USB
COM
Ethernet
Board
CC IE Field
Board
Q Series
Bus
NET
Boa
No Sp
确定吗？
连接路
其他站
指定
可编程控制器
通信
否(N)
CPU型号

3. IP

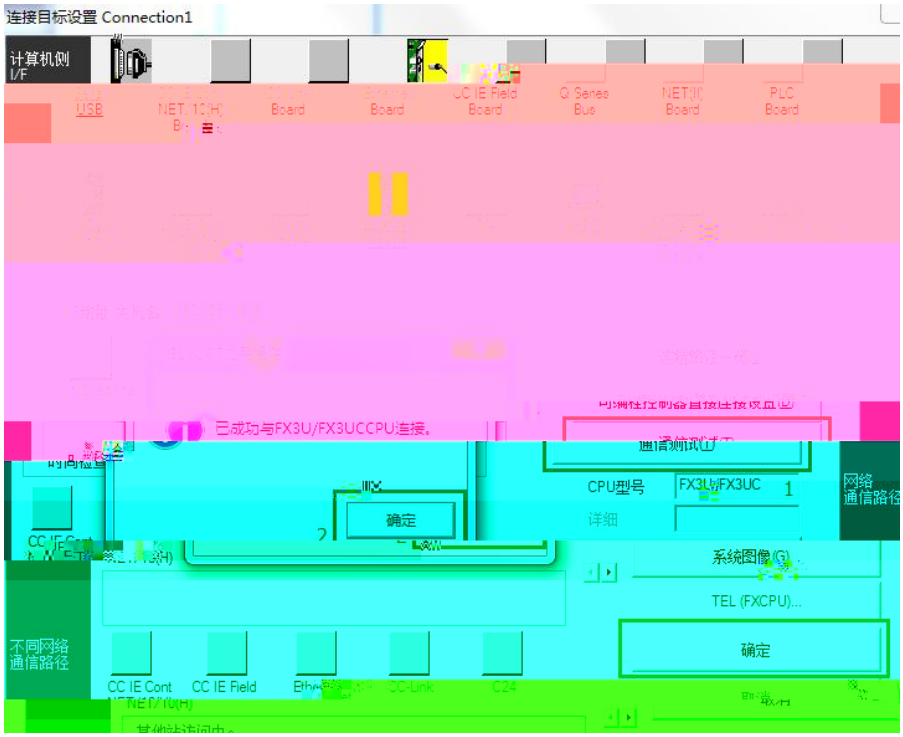
4. IP “ ” FX2NCCPU

5. “ ” PLC

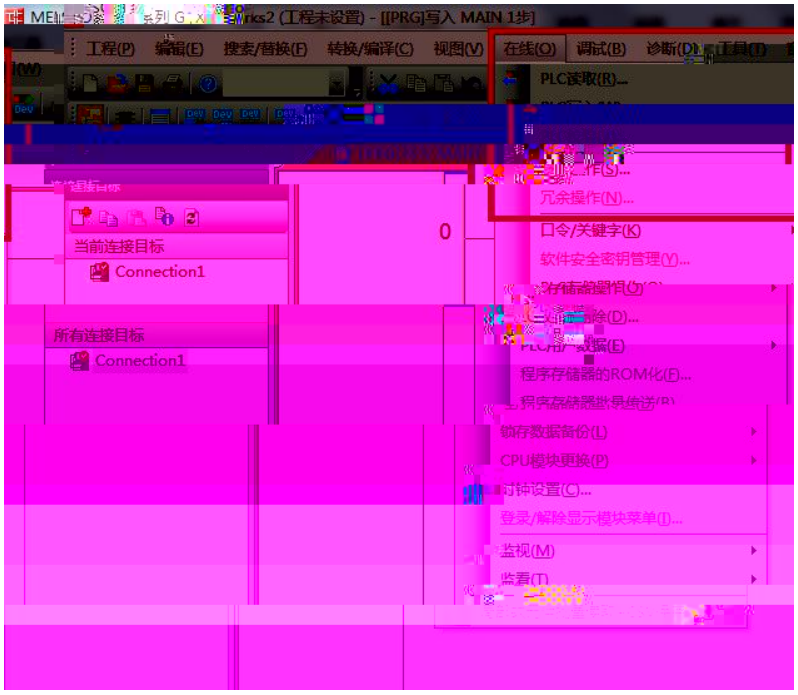




4. IP “ ” FX3UCCPU



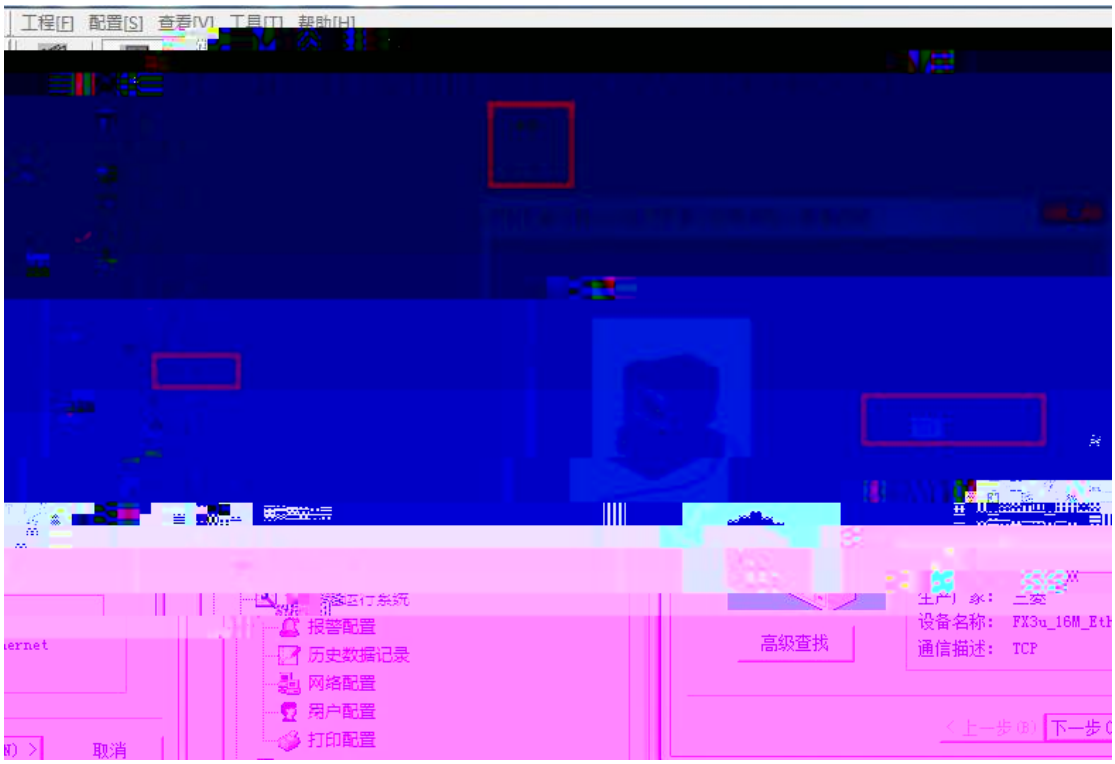
5. “ ” PLC



4.2 RVNet-FX

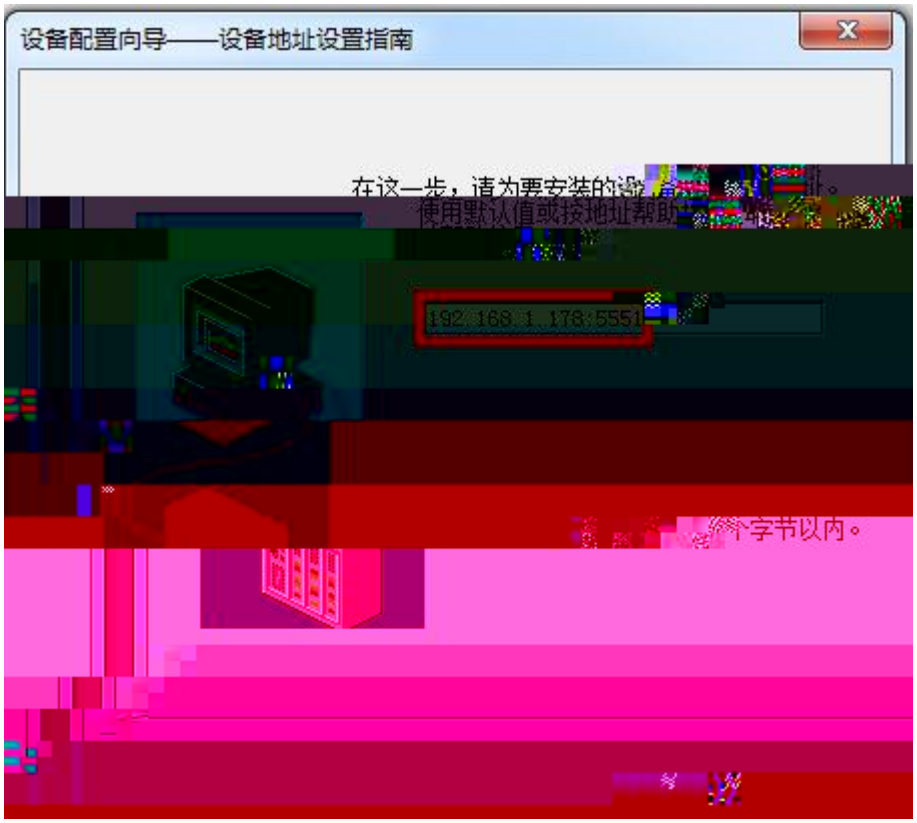
1.

2. “COM1” “ ” “FX3u_16M_Ethernet----TCP” “ ”

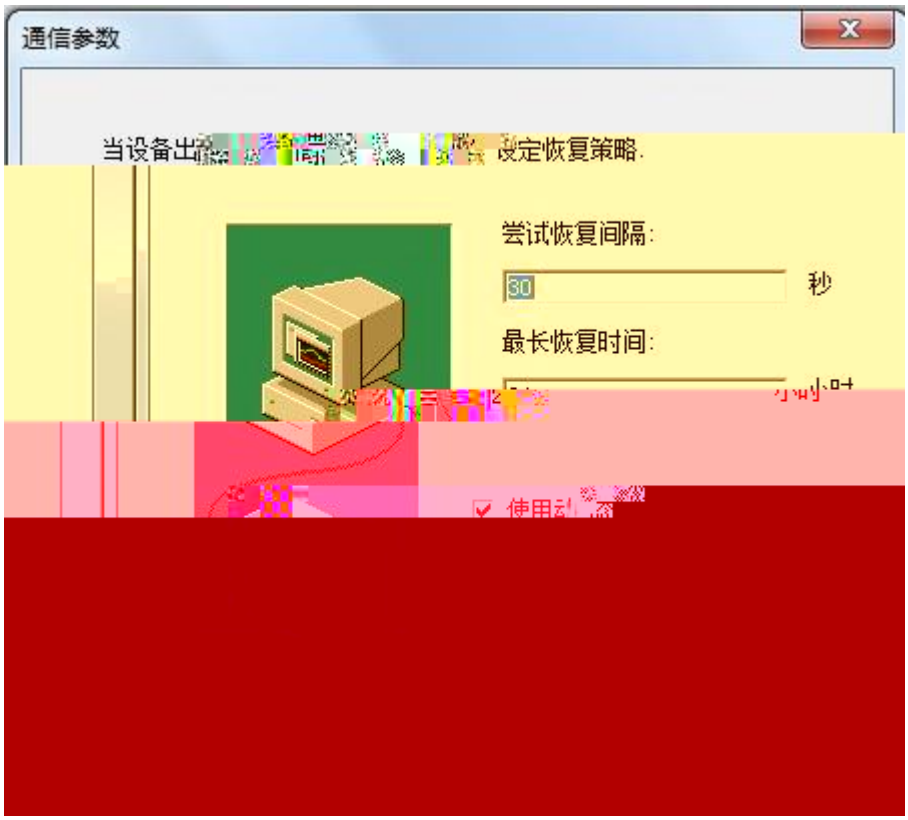


3. “ ”

4. RVNet-FX IP PLC 5551

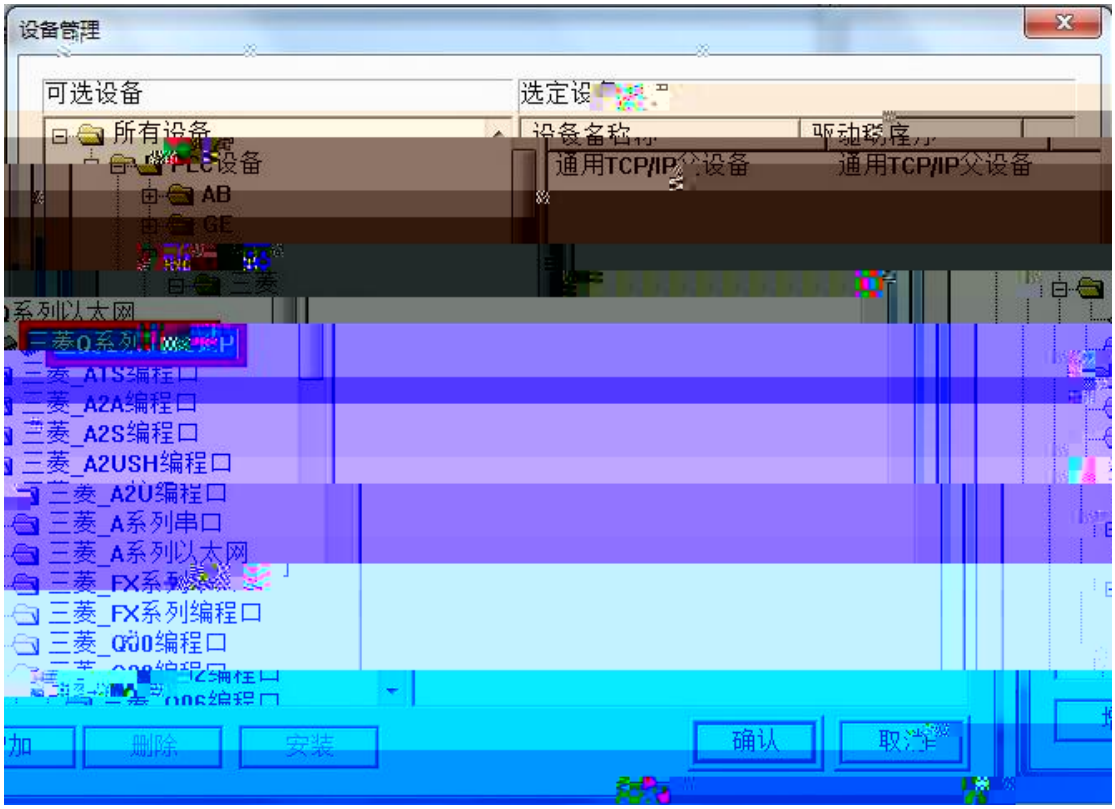


5. “ ”

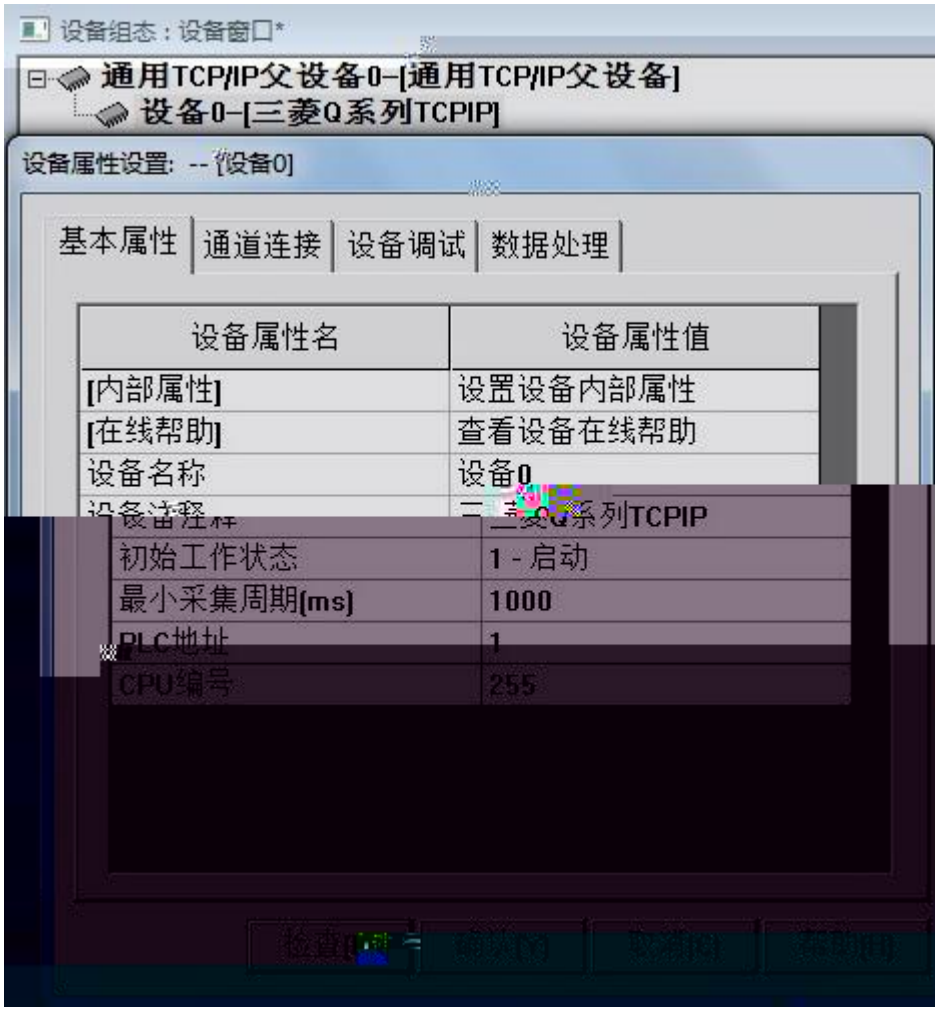


4.3 RVNet-FX MCGS

1. MCGS -- “ TCP/IP ” “ Q TCPIP ”

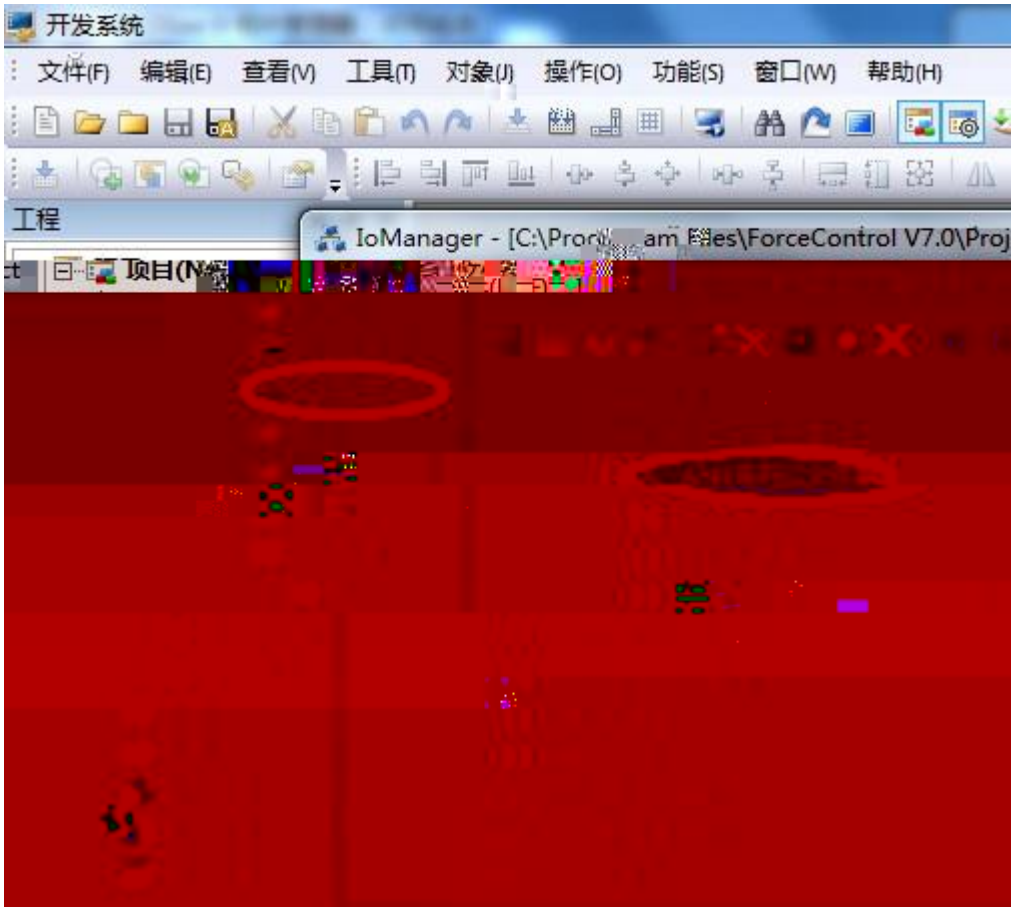


2. “ TCP/IP 0- TCP/IP ” “ ” “ 1-TCP ” “ IP ” IP “ IP ” RVNet-FX IP “ ” 5551 “ ”



4.4 RVNet-FX

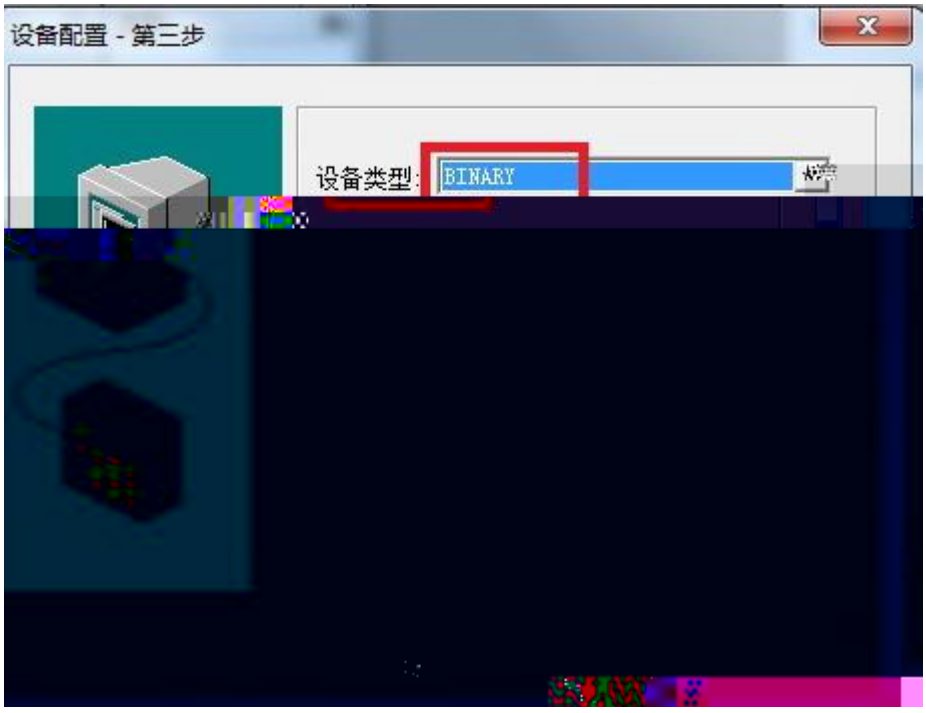
1. “IO”PLC“MITSUBISHI-A ANA”



2. “ ” “ ”

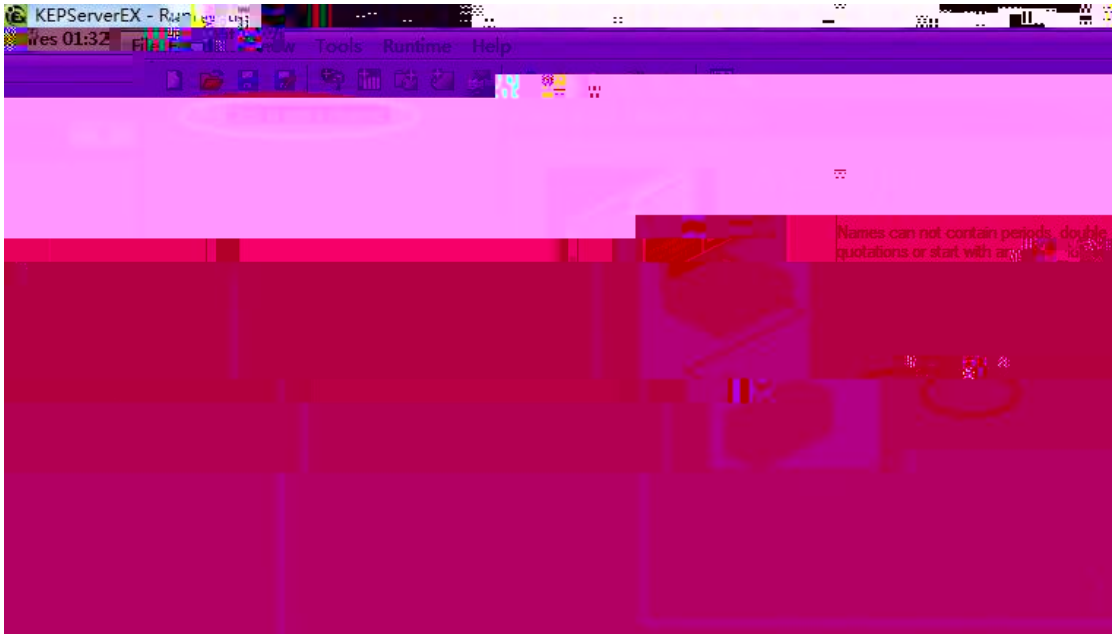
3. “ IP ” RVNet-FX IP “

4. “ ” “ BINARY ”

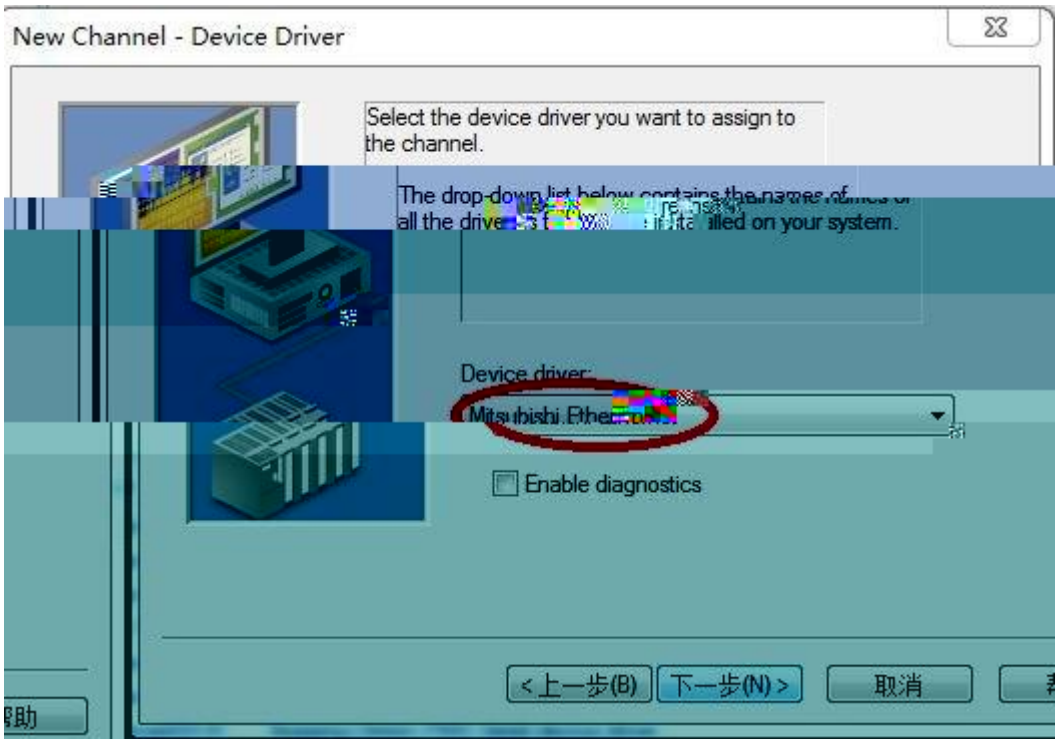


4.5 RVNet-FX Kepware opc

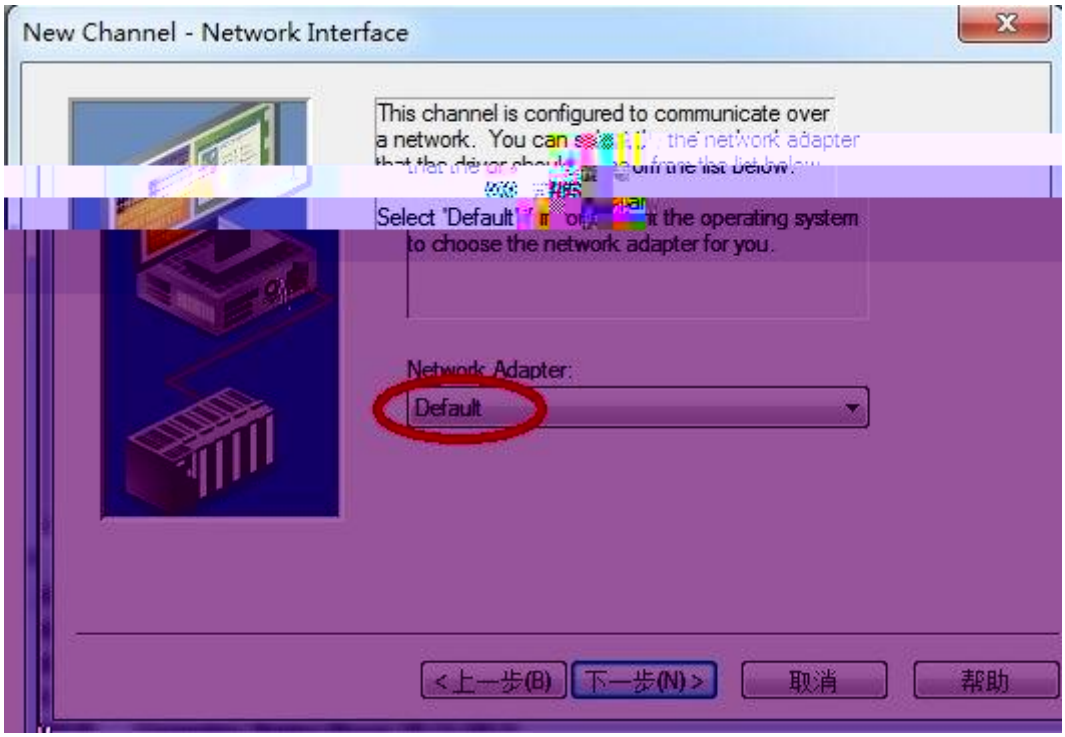
1. KEPServerEX “ Click to add a channel ” “ ”



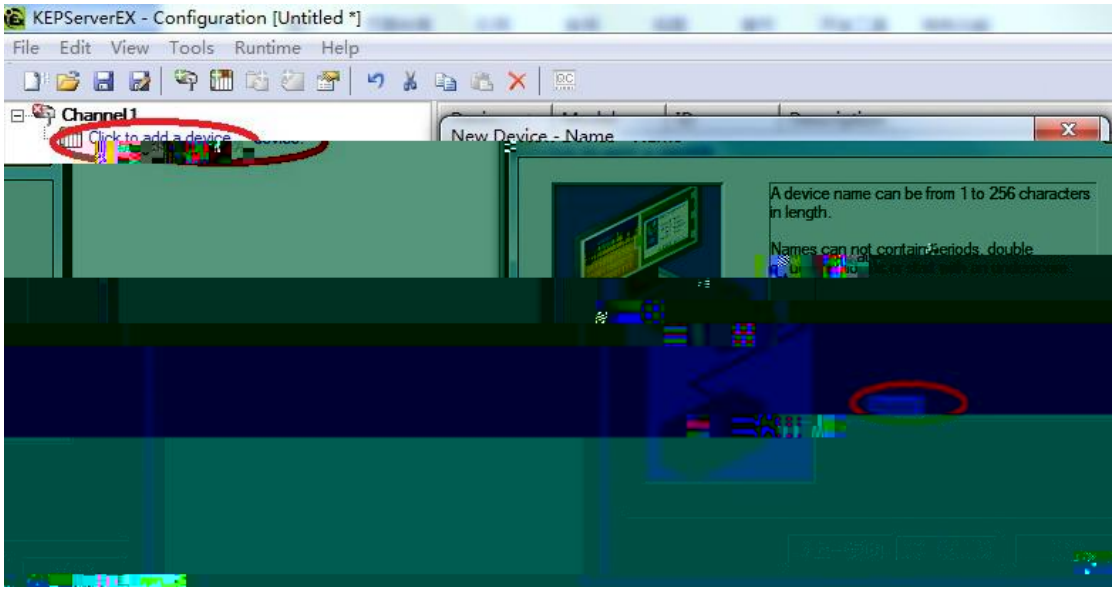
2. “ Mitsubishi Ethernet ” “ ”



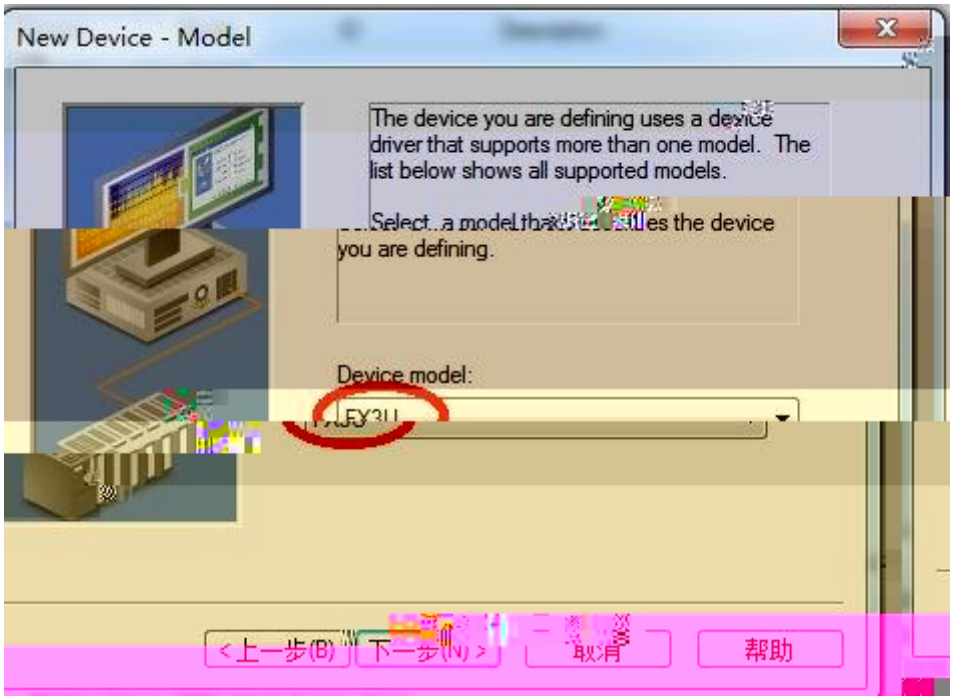
3. “Default”



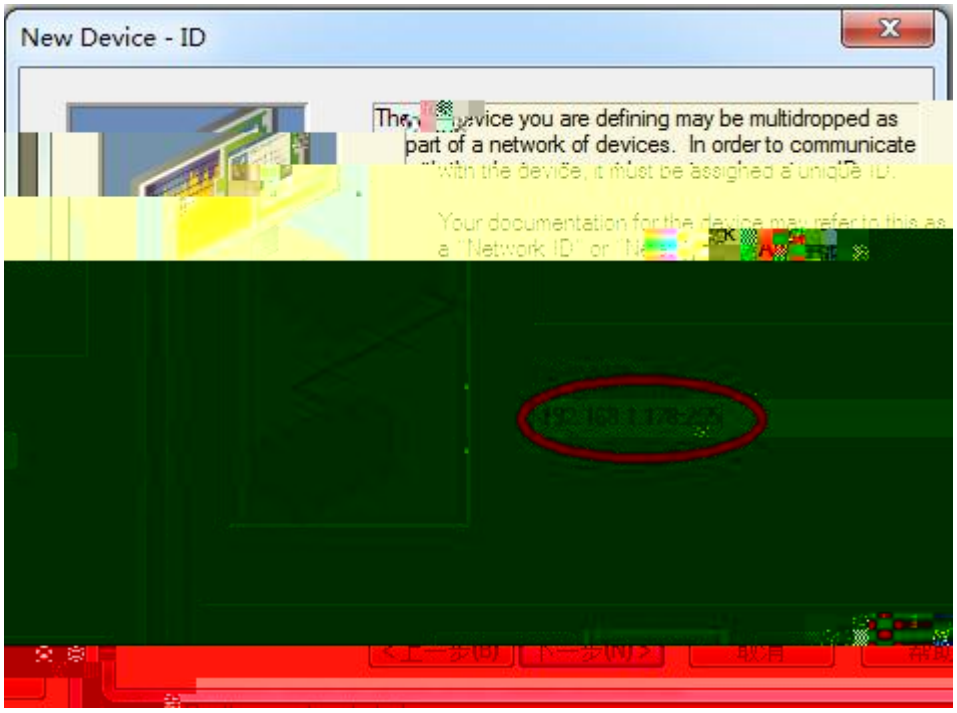
4. “ click to add a device ”, “ ”



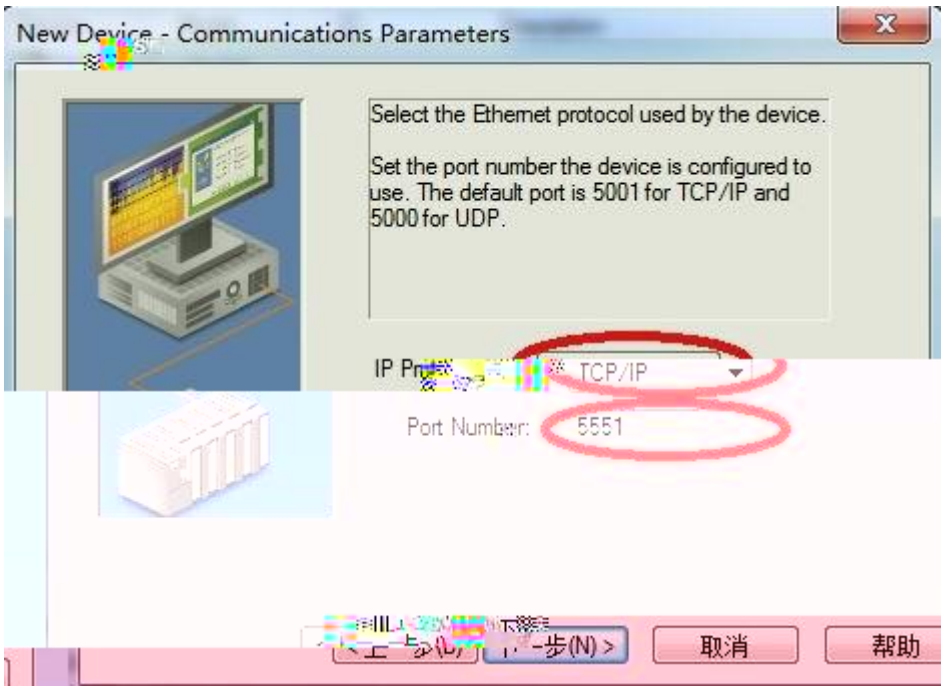
5. PLC

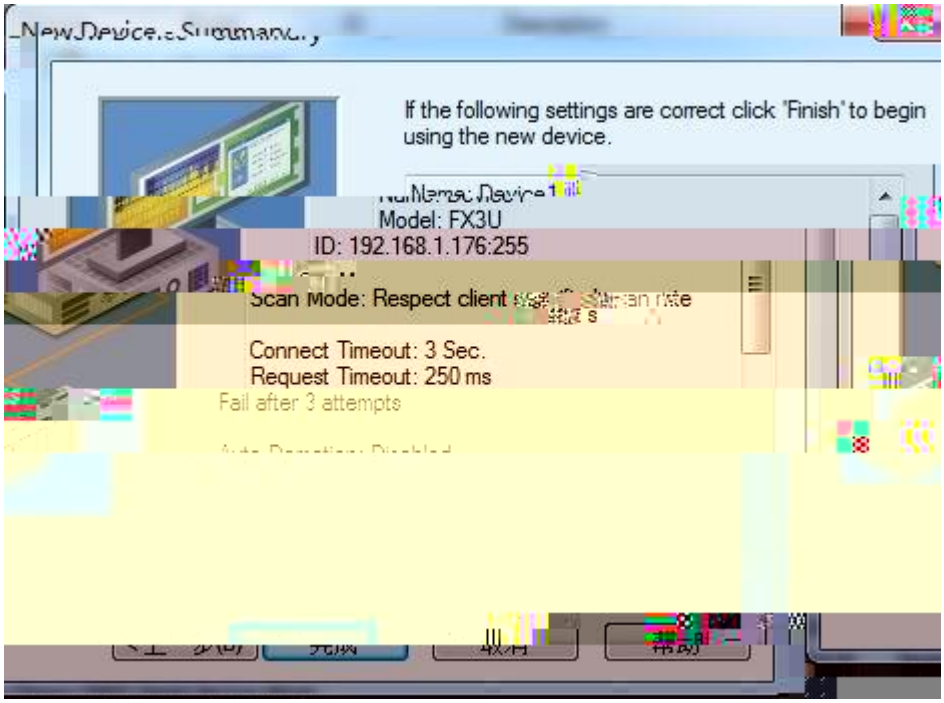


6. IP 255 255



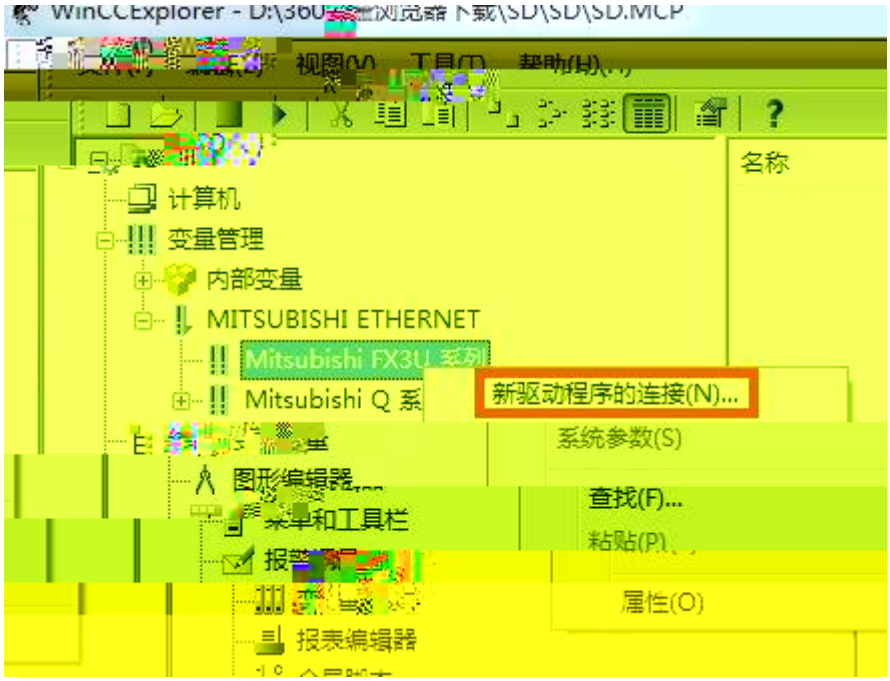
7.IP “TCP/IP” 5551



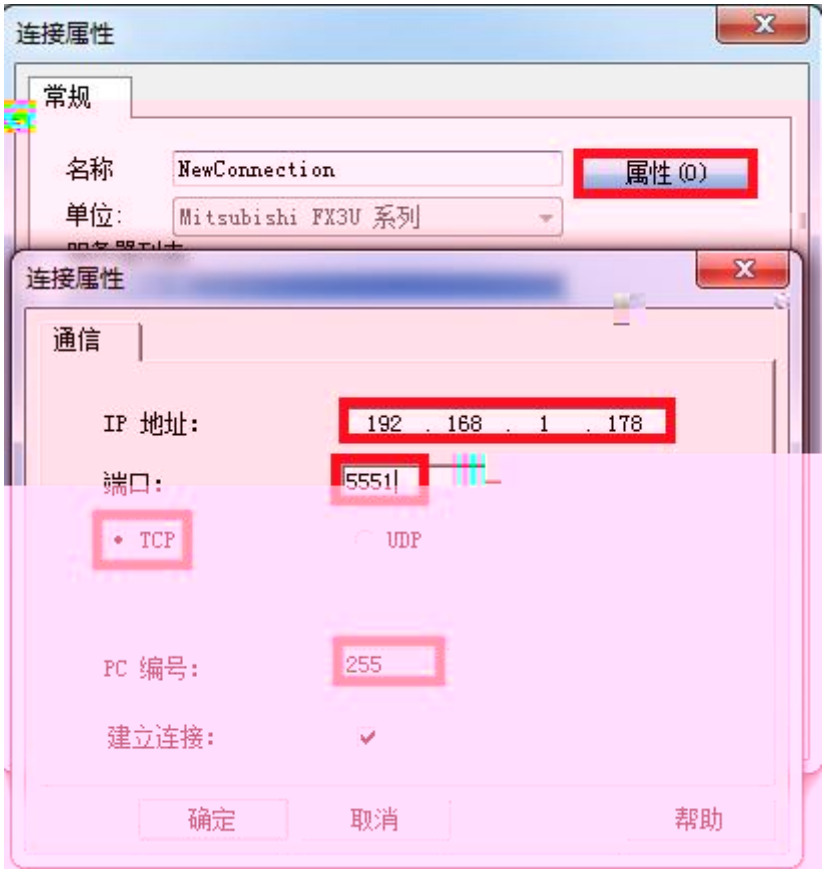


4.6 RVNet-FX WINCC

1. “ ” “ ”



4. “ ” IP “5551” “TCP” PC “255” “ ”



5.ModbusTCP

RVNet-FX ModbusTCP ModbusTCP ModbusTCP
OPC PLC ModbusTCP FX PLC
Modbus RVNet FX PLC
FC1 FC2 FC3 FC5 FC6 FC16

ModbusTCP

0x0	0x0	0x0	0x0	0x0							

1

Modbus	FX PLC				
000001	Y0		Ymn = 000001+m*8+n		
005001	M8000		M8m = 005001+m		
006001	T0		Tm = 006001+m	FC1( )	FC1:512
007001	C0		Cm = 007001+m	FC5( )	FC5:1
010001	M0		Mm = 010001+m		
030001	S0		Sm = 030001+m		
100001	X0		Xmn = 100001+m*8+n	FC2( )	512
400001	T0		Tm = 400001+m		
401001	C0		Cm = 401001+m	FC3( )	FC3:125
401301	D8000		D8m = 401301+m	FC16( )	FC16:125
402001	D0		Dm = 402001+m	FC6( )	FC6:1
420001	R0		Rm=420001+m		

m Y n Y Y37 m=3,n=7;Y112 m=11,n=2;
m M 8000 M8212 m=212;
m X n Y X37:m=3,n=7;X111:m=11,n=7;
m D 8000 M8120 m=120;
R FX3U R PLC Modubs 6

2 ModScan32

\ \ modscan2_cr.rar

1. ModScan32

2. Connection/Connect Remote TCP/IP Server RVNet-FX IP Service 502 [OK] 1

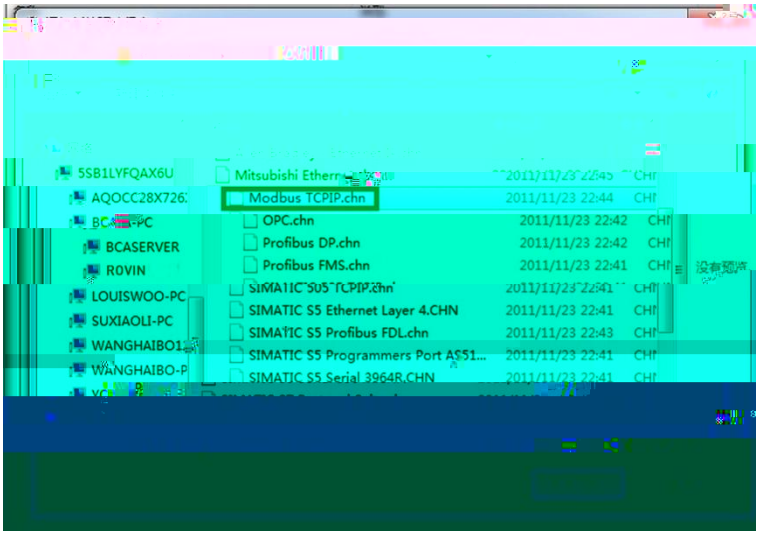
1

3. “ ModSca1 ” Device ID PLC 1 03:HOLDING REGISTER Address = 1301 Length = 100

4. 401301 401400 16 FX PLC D8000 D8100 Ů א’

5.1 WINCC ModbusTCP RVNet-FX

1. Wincc “ ” “ ”
“Modbus TCPIP.chn” “ ”



2. “Modbus TCPIP/IP #1” “ ” “ ”
“ CPU ” “ 984 ” “ ” RVNet-FX IP ,

3. “ ” D0 “ ”
“ ” “4x ” “4x”

>0 ş ğ

7.

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0531-88689022

0531-88689022

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266107

0532-68894021 83029299

0532-83029299

18753243991 garywei@dingtalk.com

www.roviniot.com