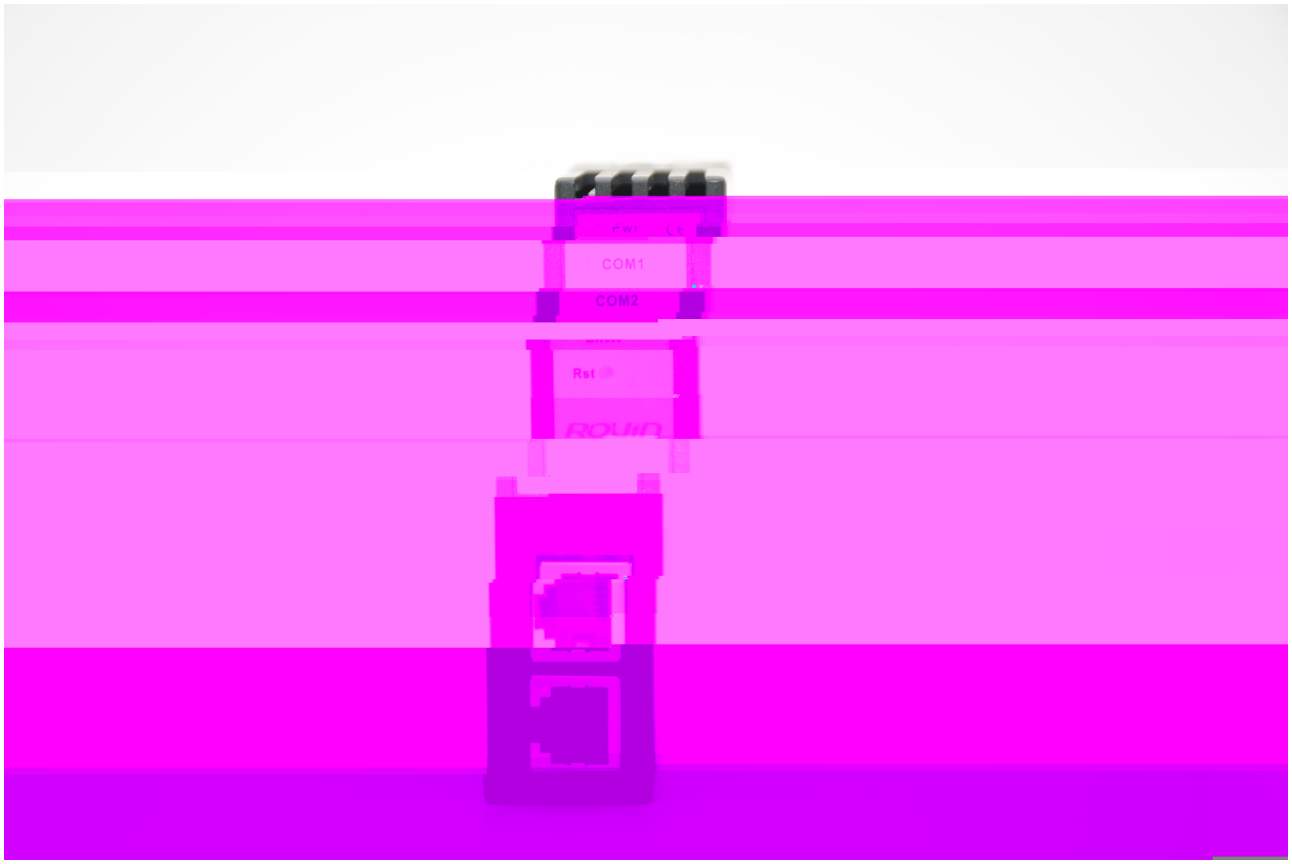
RVNet-KV

KV PLC



RVNet-KV

KV PLC

RVNet-KV PLC / PLC

X2 PLC

1 35mm COM1 KV RS232 COM2

RVNet-KV KV 24VDC

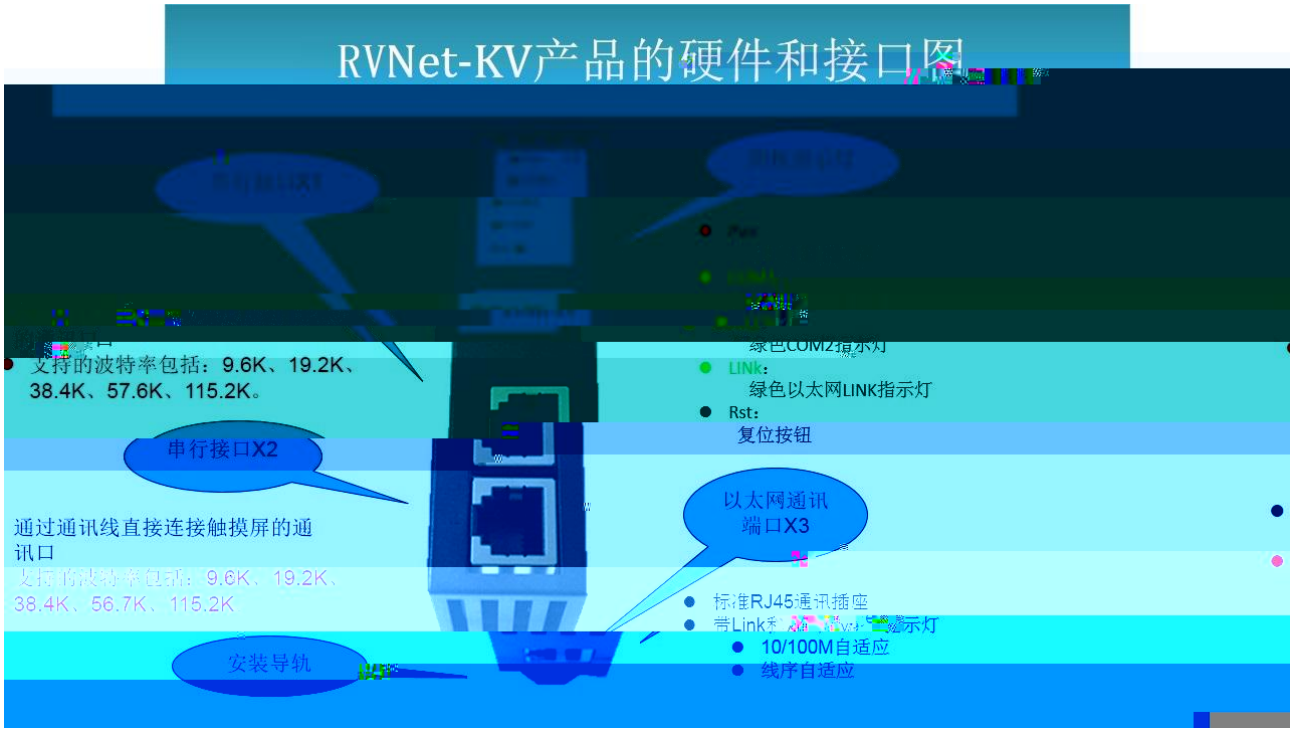
1

2 3 4 5

6 RVNet-KV

Internet RVNet-KV

PLC



RVNet-KV RJ11 X1 RJ11 X2 RJ45 X3 X4

PLC

5V

5V

TXD

SG-0V

RXD

SG-0V

9.6k 19.2k 38.4K 57.6K 115.2k

5V

5V

RXD

SG-0V

TXD

SG-0V

9.6k 19.2k 38.4K 57.6K 115.2k

TX+

TX-

RX+

RX-

Active 10/100M T568A/

24VDC 24VDC±20%/100mA

24VDC

RVNet-KV LED Pwr COM1
COM2 LINK

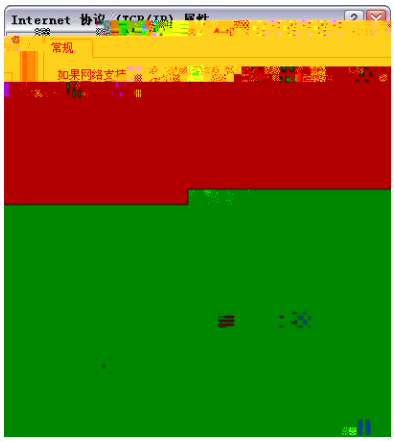
	Pwr	COM1	COM2	LINK

RVNet-KV

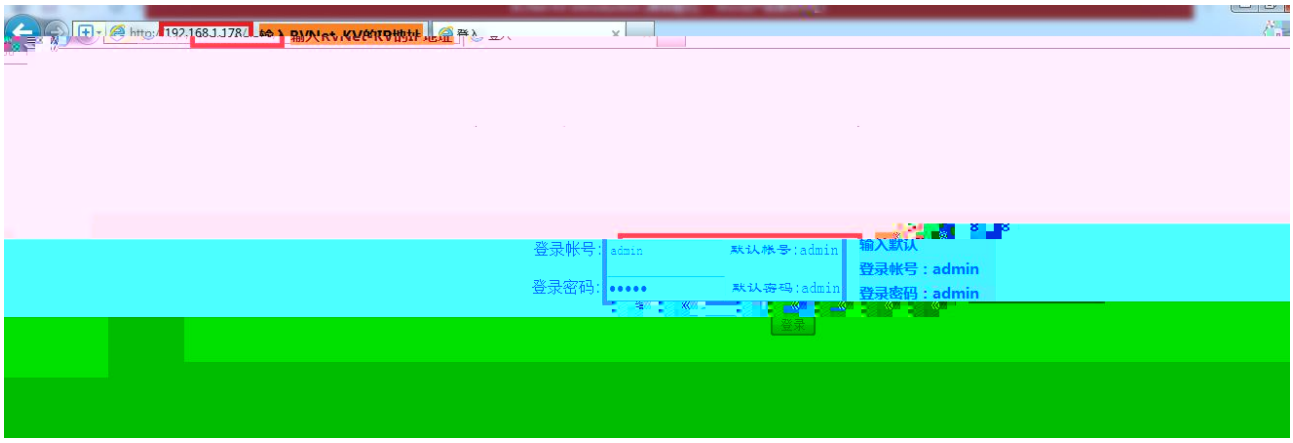
PLC PLC COM1 Pwr
LINK COM1 COM1
COM2 COM2 COM2

RVNet-KV RJ45 RVNet-KV Link
Link RVNet-KV

IP 192.168.1.100

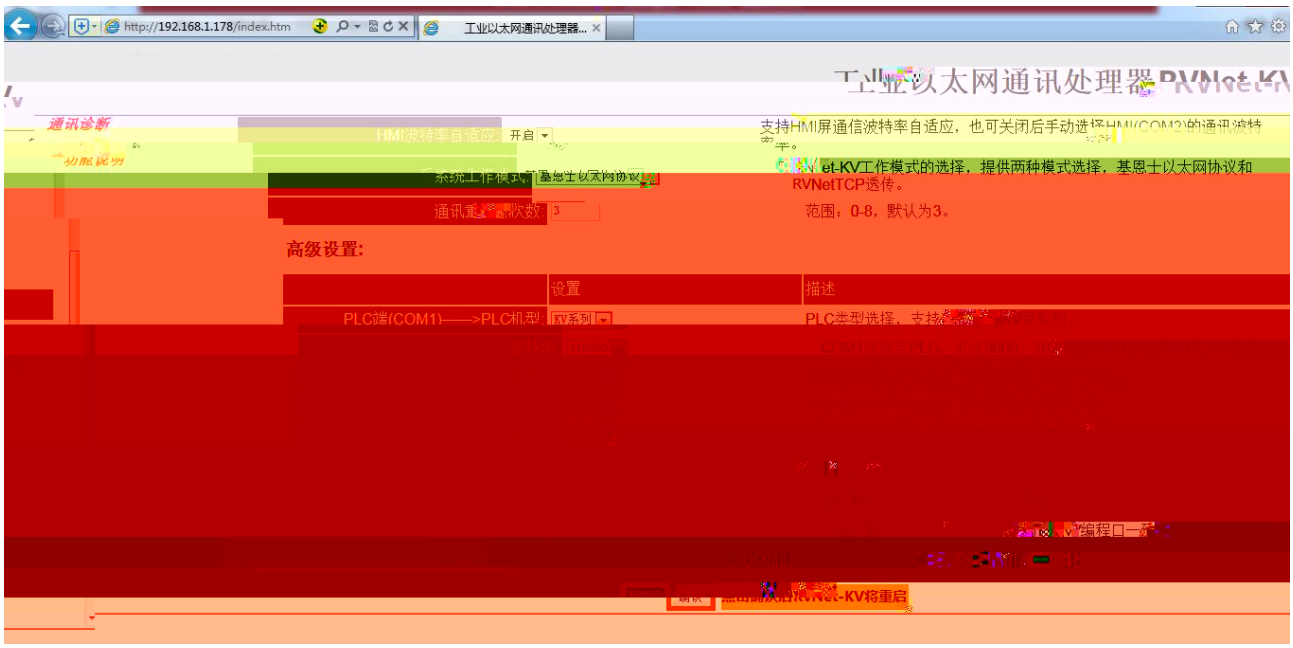


Internet Explorer 192.168.1.178 RVNet-KV IP
RVNet-KV Web .



PLC PLC

COM1 COM2



HMI “ ” “ ” “HMI (COM2)——> ”
HMI

RVNet-KV “ ” “RVNetTCP ” “
” “RVNetTCP ”

RVNet-KV 3

PLC (COM1)——> COM1 115200

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

RVNet-KV IP

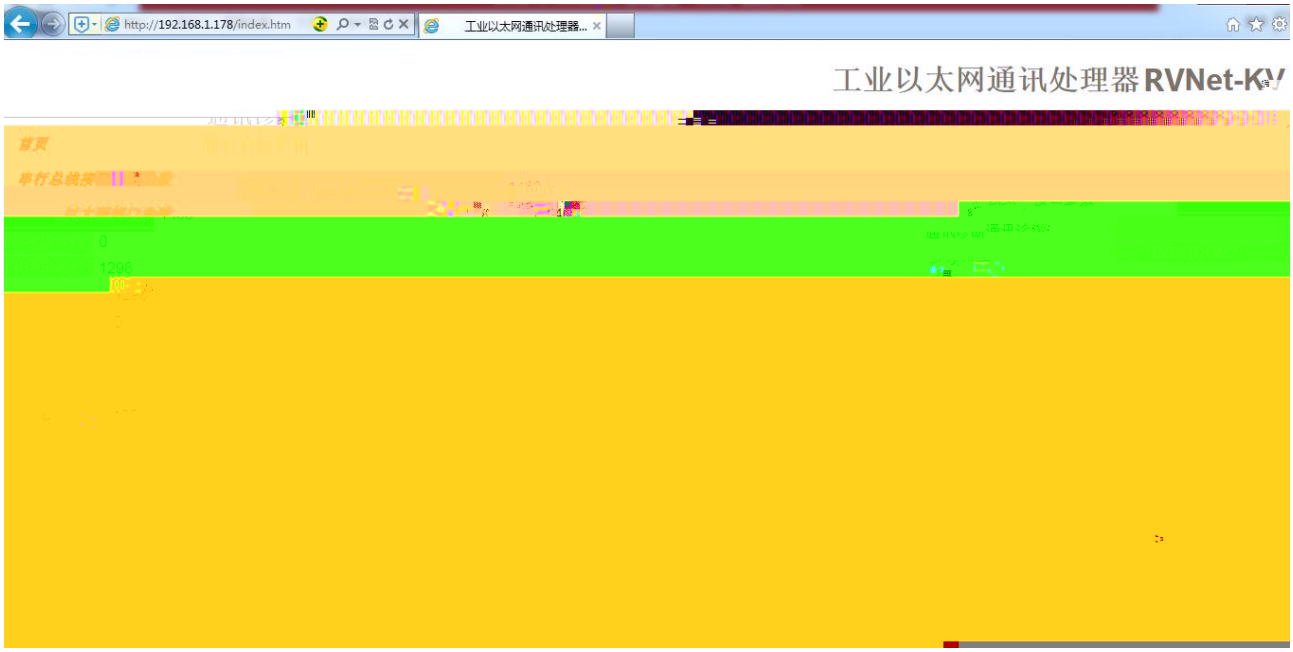
[ ] RVNet-KV IP

8501 “RVNetTCP ”

“ ”

ModbusTCP 1 ModbusTCP

[ ] RVNet-KV



COM1— PLC

PLC

PLC

COM2—

TCP/IP—

TCP S7TCP TCP/IP

RVNet-KV

RVNet-KV

RVNet-KV SCADA

ModbusTCP

RVNet-KV ModbusTCP ModbusTCP ModbusTCP

OPC PLC ModbusTCP KV

PLC Modbus RVNet KV PLC

FC1 FC3 FC5 FC6 FC16

ModbusTCP

0x0	0x0	0x0	0x0	0x0							

1

Modbus	KV PLC				
000001	R00000		Rm = 000001+(m/100)*16+m%100	FC1( ) FC5( )	FC1:512 FC5:1
016385	MR00000		MRm = 016385+(m/100)*16+m%100		
032769	LR00000		LRm = 032769+(m/100)*16+m%100		
049153	CR00000		CRm = 049153+(m/100)*16+m%100		
400001	DM0		DMm = 400001+m	FC3( ) FC16( ) FC6( )	FC3:125 FC16:125 FC6:1

m/100 100 m%100 100 ;

PLC 16

R00015 R00100;

2 ModScan32

\ \ modscan2_cr.rar

1. ModScan32

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

1

3. “ModSca1” Device ID PLC 1 03:HOLDING REGISTER Address = 0001 Length = 100

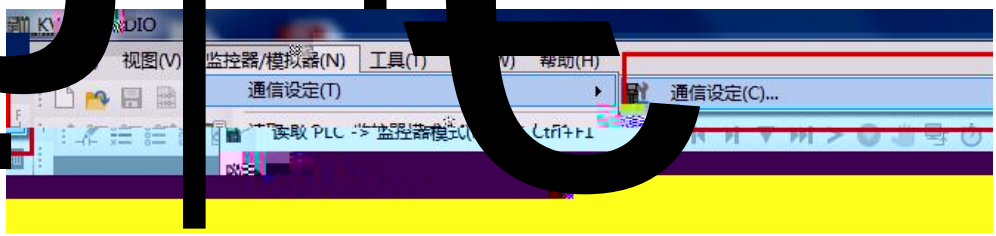
4. 400001 400100 16 KV PLC DM0 DM100

2

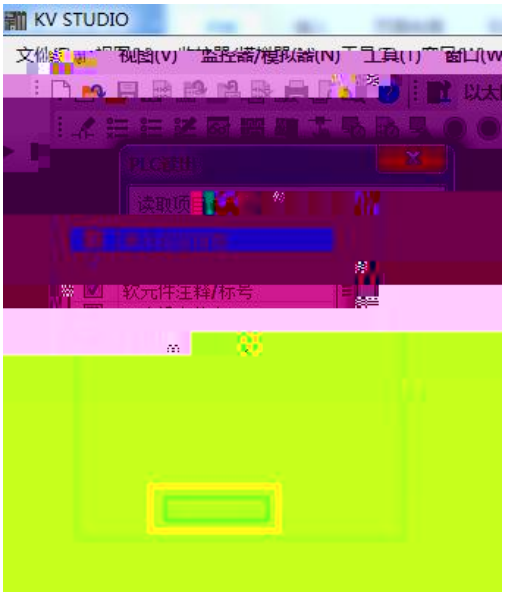
2

5.

1. KV STUDIO Ver.9G_Trial “ / ” “ ”



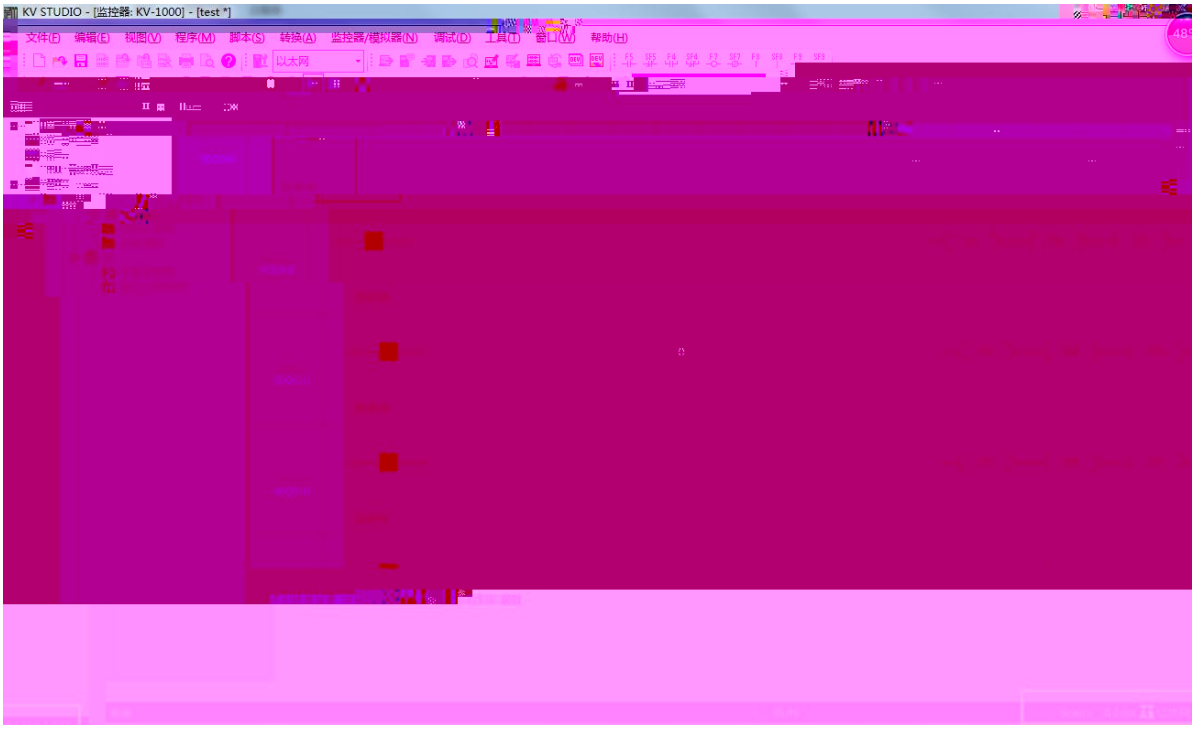
2. RVNet-KV IP 8500 €


KV STUDIO
软元件注释/标号

5.

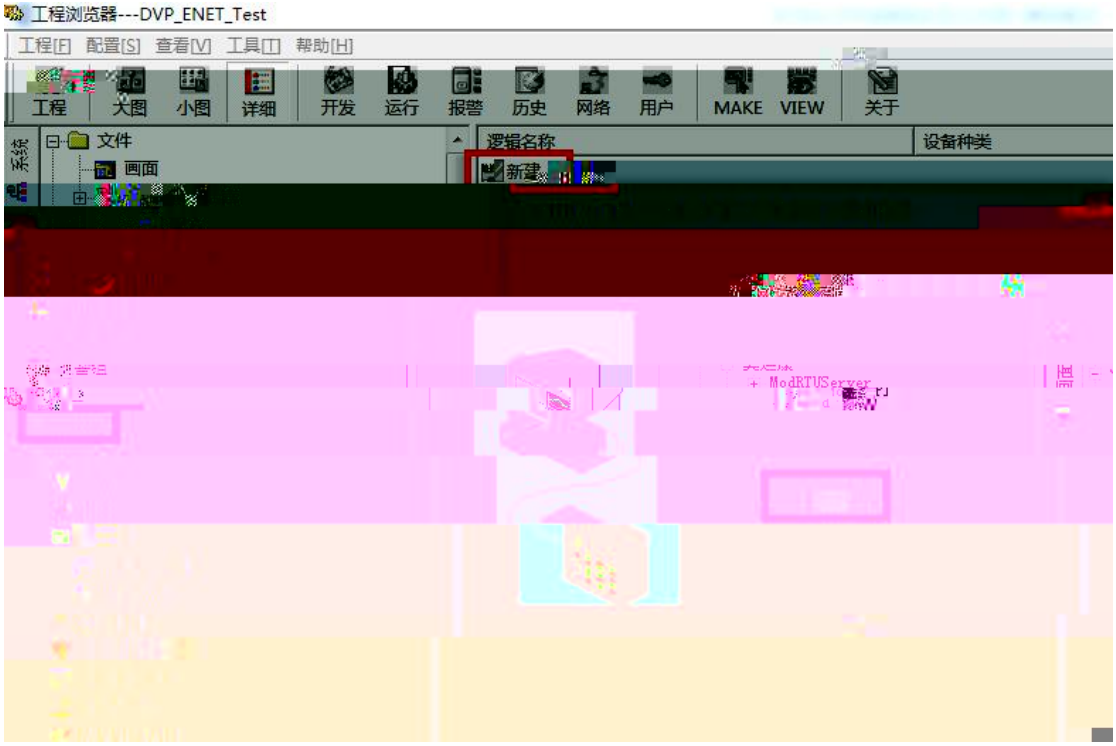
KV STUDIO
文件(F)
视图(V)
以太网
软元件注释/标号 [数据接收]
软元件注释/标号正在读取。请稍等。

6.

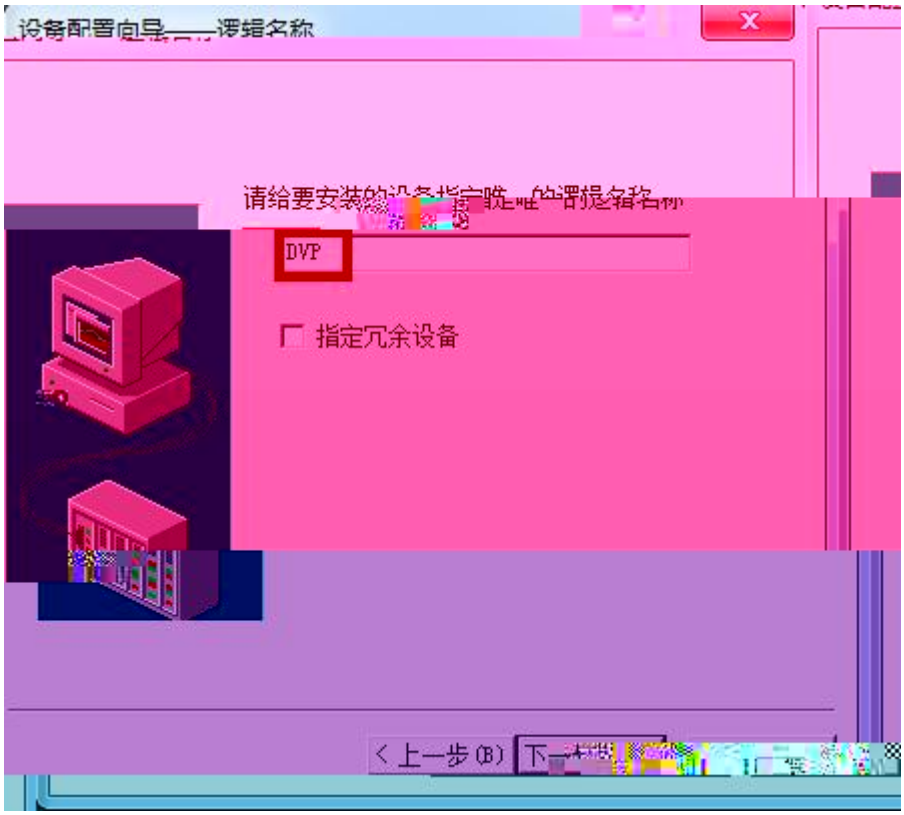

KV STUDIO - [监控器: KV-1000] - [test *]
文件(F) 编辑(E) 视图(V) 程序(M) 脚本(S) 转换(A) 监控器/模拟器(N) 调试(D) 工具(T) 窗口(W) 帮助(H)
以太网

1.

2. “COM1” “ ” “ModbusTCP—TCP” “ ”

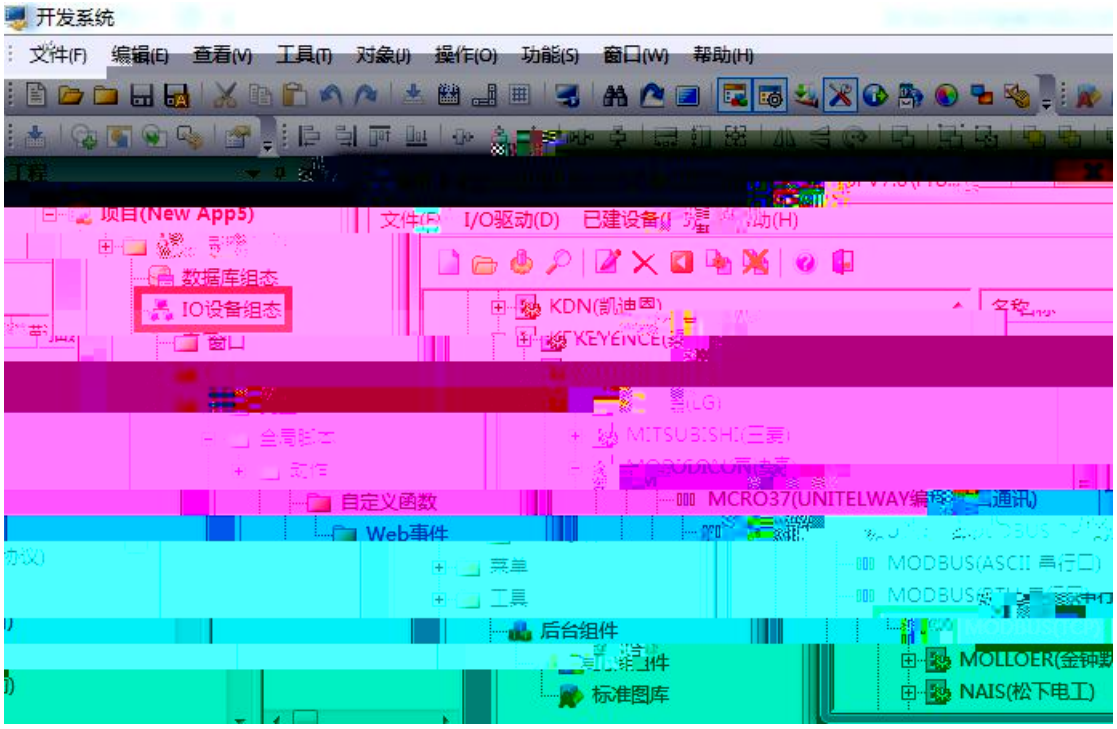


3. “ ”



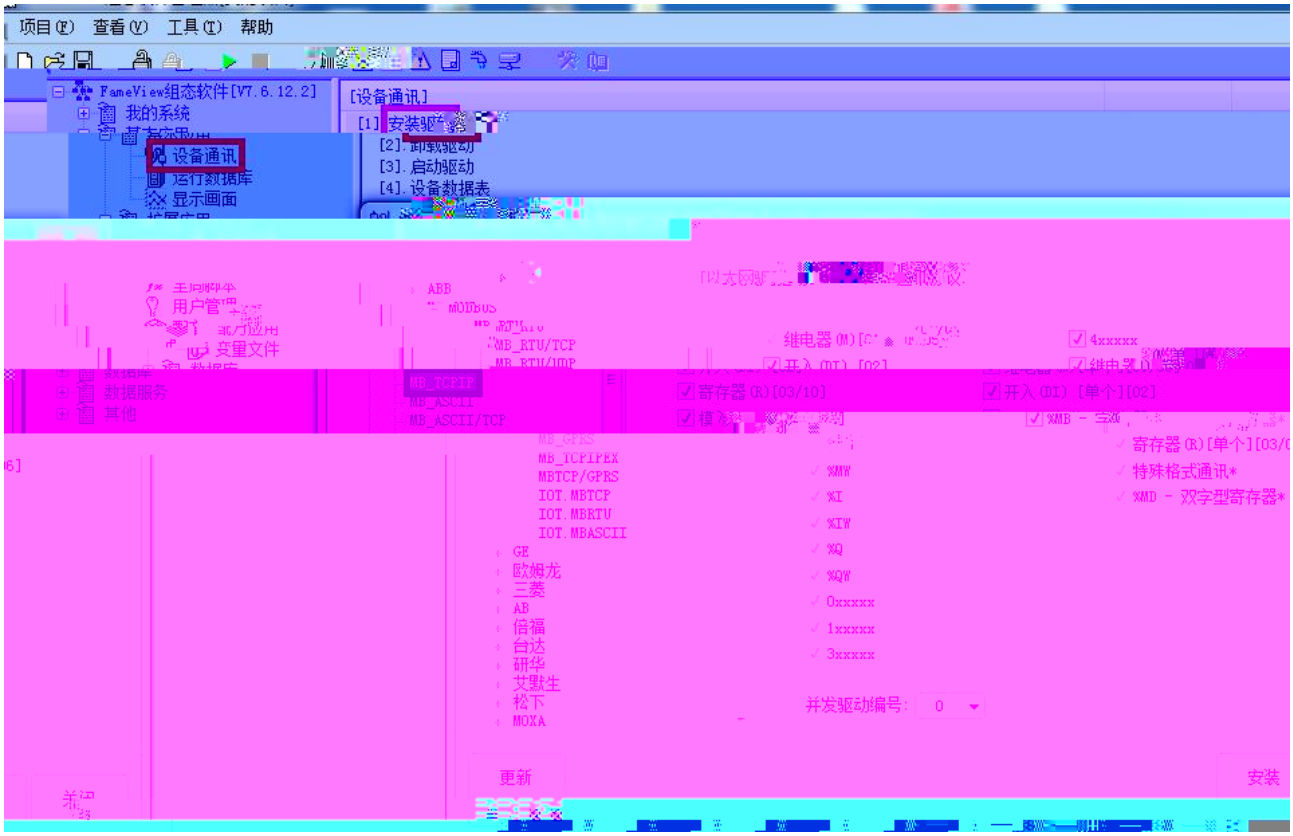
4. RVNet-KV אq

1. “IO ” PLC “MODICON -MODBUS TCP ”

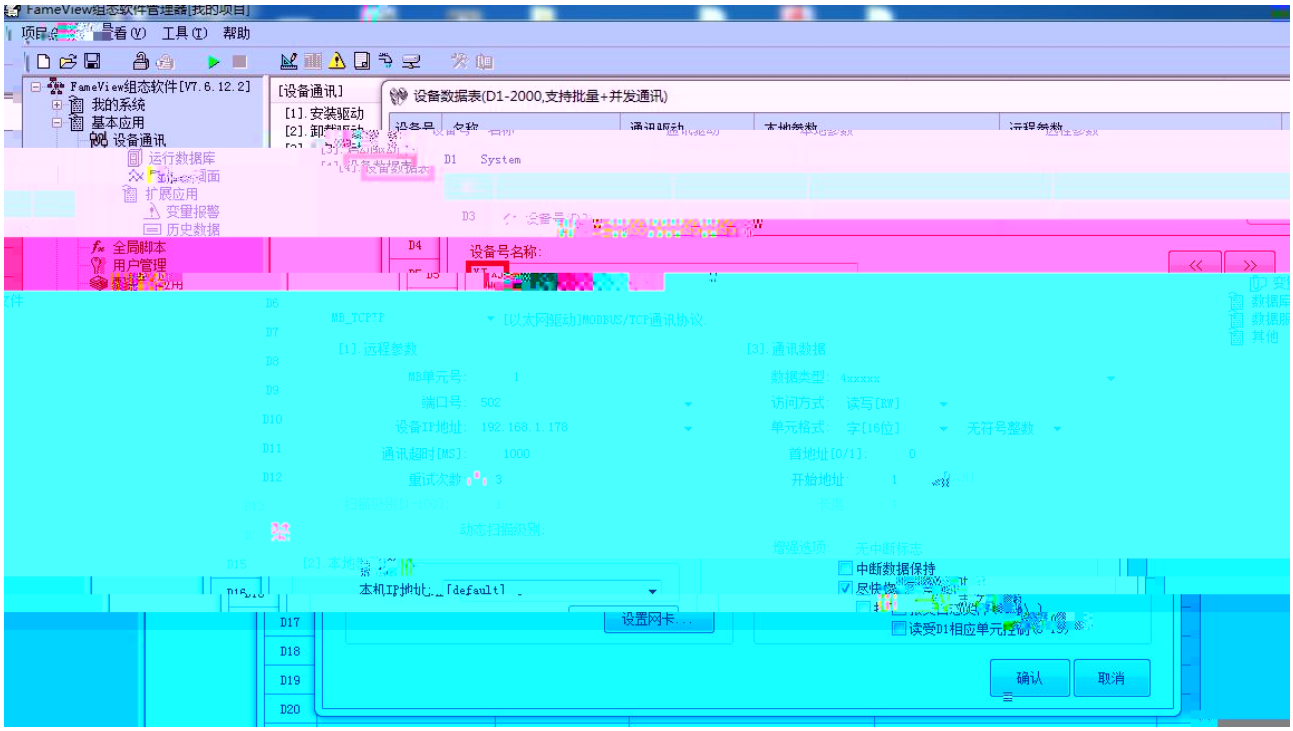


2. “ ” DVP “ ” 1 “ ”

3. “ IP ” RVNet-KV IP 192.168.1.178 “ ” 502

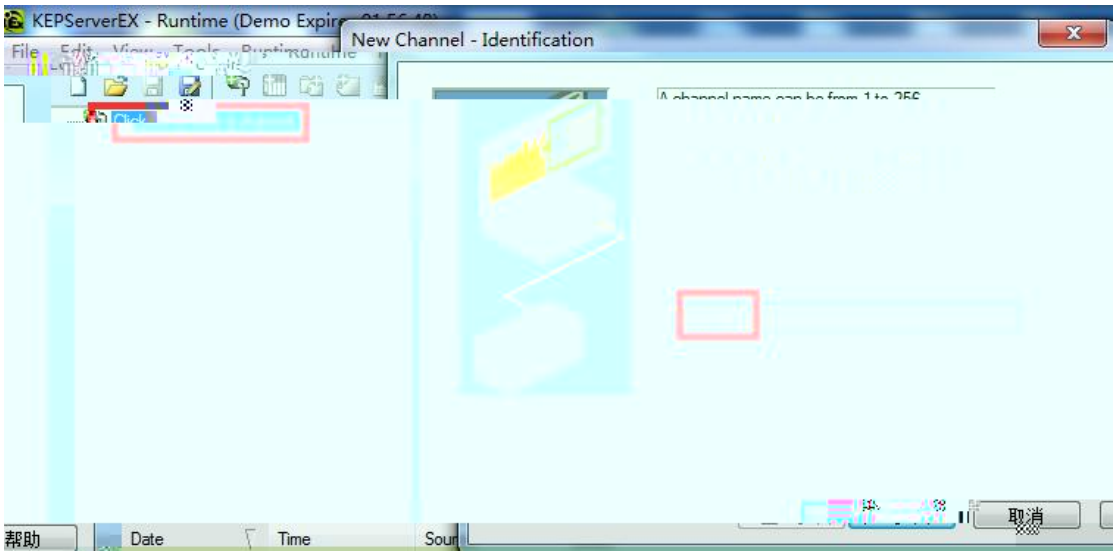


2. “ ” “ ” XJ “ ” 502 “ IP ” RVNet-KV IP 192.168.1.178 “ ”



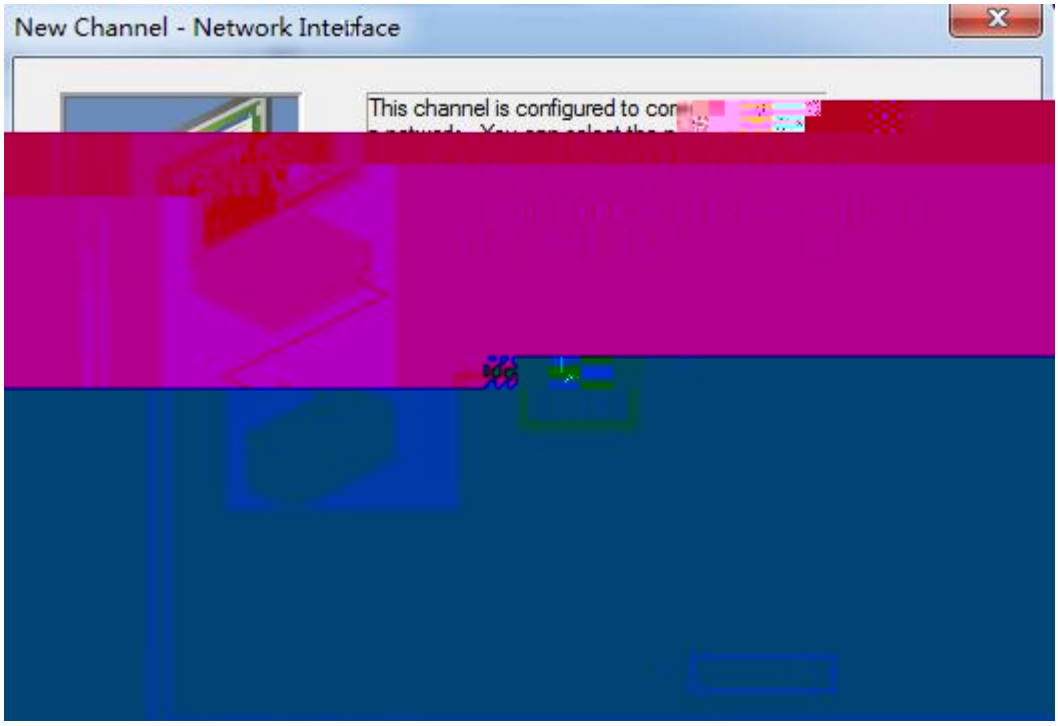
1. KEPServerEX “Click to add a channel ” “

”



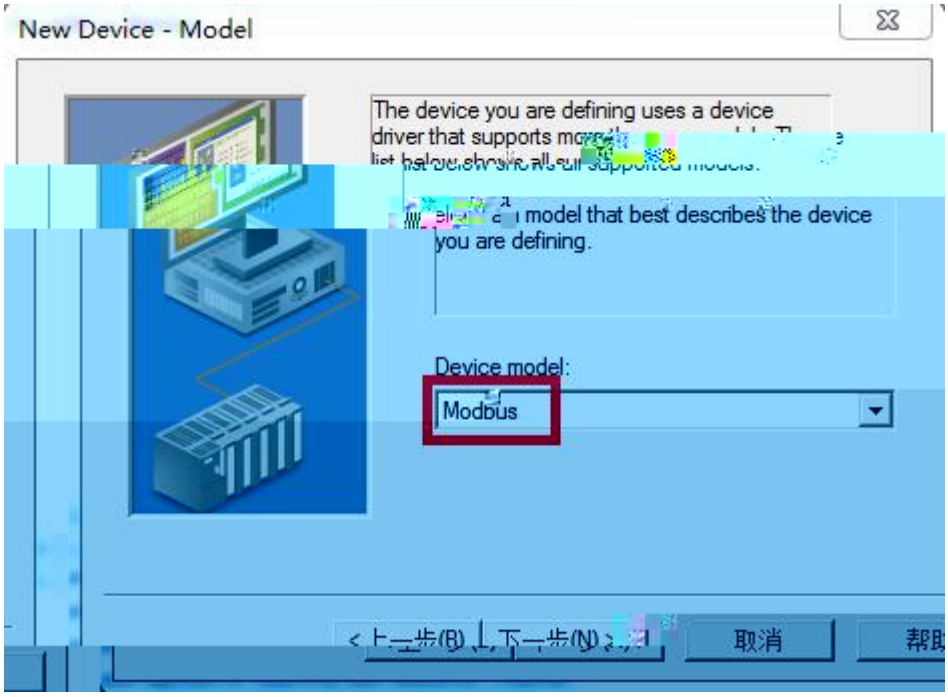
2. “Modbus TCP/IP Ethernet” “ ”

3. “Default”

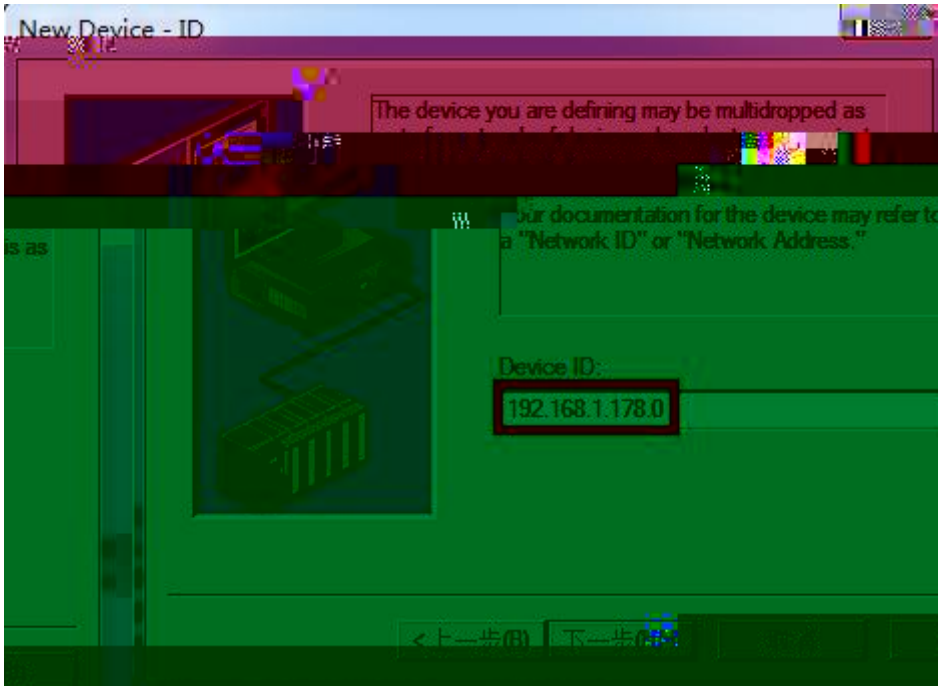


4. “click to add a device”, “ ”

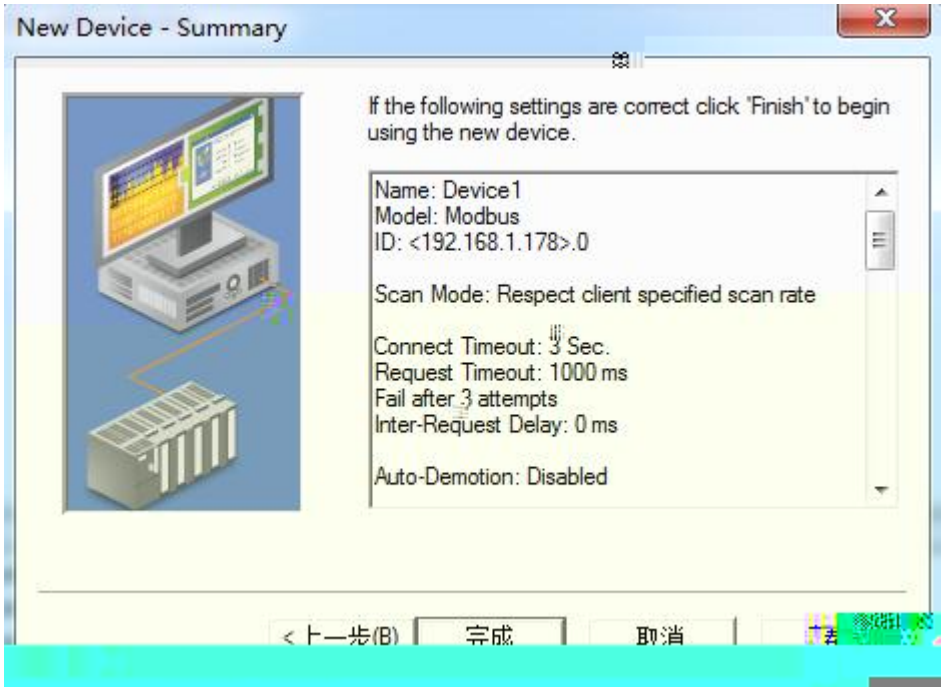
5.“Device Model” “Modbus”



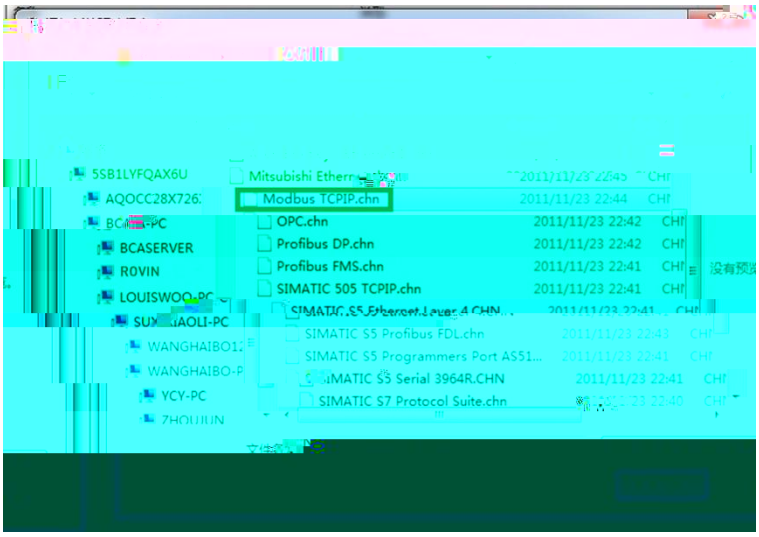
6.“Device ID” IP .0 192.168.1.178.0 .



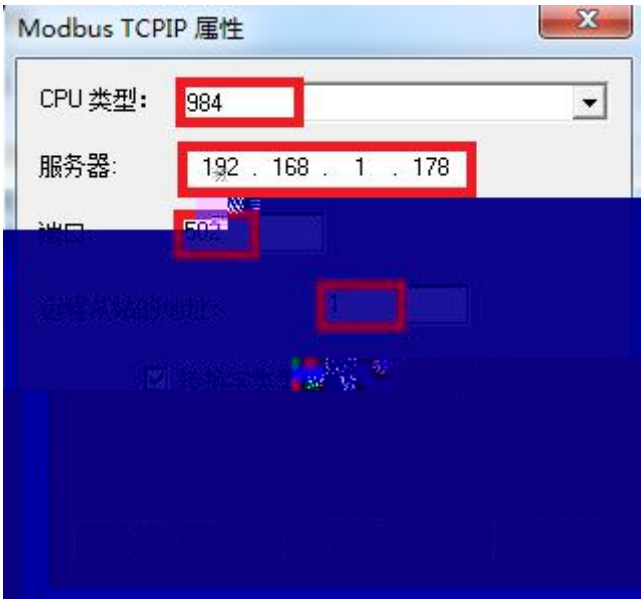
7.



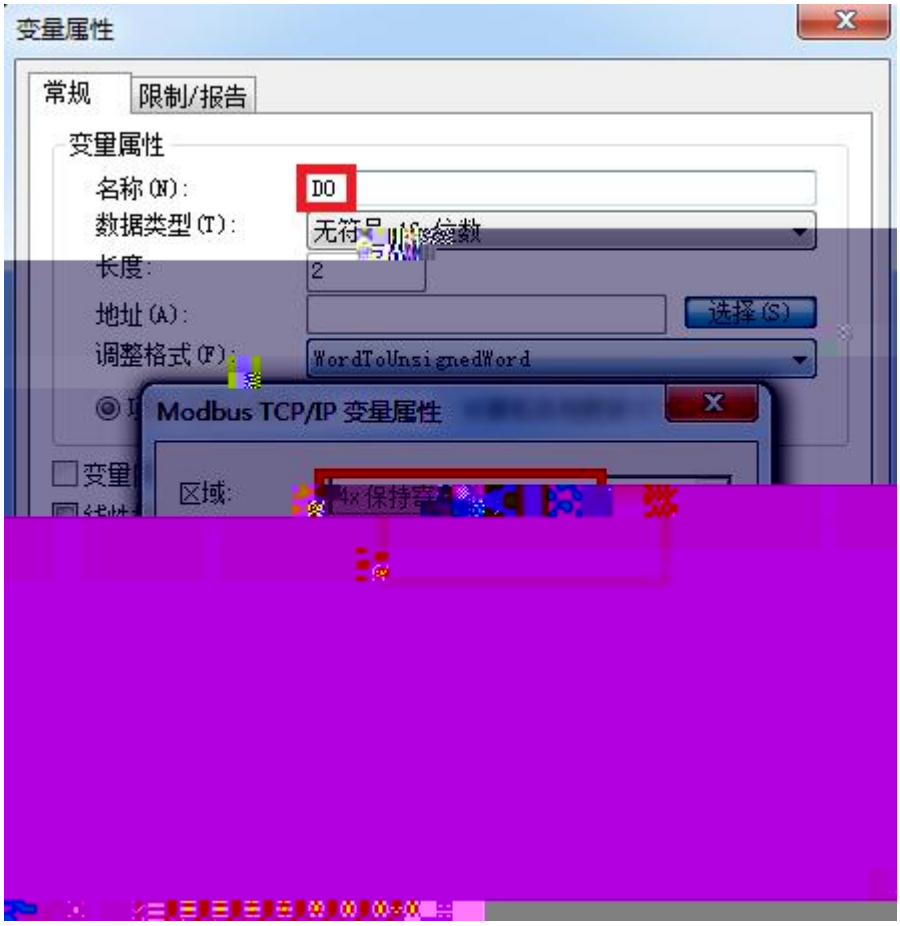
1. Wincc “ ” “ ”
“Modbus TCPIP.chn” “ ”



2. “Modbus TCPIP/IP #1” “ ” “ ”
“ CPU ” “ 984 ” “ ” RVNet-KV IP “ ” 502 “
” PLC 1



3. “ ” D0 “ ”
“ ” “4x ” “4x” “400001”, plc D0



	KV PLC
	Pwr COM1 COM2 Link
TCP	IEEE 802.3 Link/Active Auto-MDIX RJ45 10/100Mbps KV STUDIO ModbusTCP RVNetTCP 6
X1 PLC	RS232 RJ11 9.6K 19.2K 38.4K 57.6K 115.2Kbps KV
X2 HMI	RS232 RJ11 9.6K 19.2K 38.4K 57.6K 115.2Kbps KV
OPC	KV STUDIO KepWare OPC
	IE 192.168.1.178
	KV 24VDC 24VDC/100mA
	0~60
	90%
	35mm
	2014/30/EU
RoSH	
	4.5mm/30Hz/10Min
ESD	6KV
	60 168 50000
	30 PLC 1 3 0
	CE
L*W*H	90*24*65mm
	120g

2755

250101

0531-88689022

0531-88689022

111

266107

0532-68894021 83029299

0532-83029299

18753243991 garywei@dingtalk.com

www.roviniot.com