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Path through manual

1. Net pass through

1.1 VPN external network connection of HMI and PC

1.1.1 HMI settings

1. Make sure the HMI external network connection is normal.

2.Switch HMI into" System settings" mode, choose "Network Settings", and select" GHCP IP"

EN						>y	ste	em Setti	ngs 🗘				
DHCP	IP]		0	Sta	atio	c IP		-	•			
IP:	192		168		205		142		Server:	China	Server		1
Mask:	255		255		255		0		Setting:				
Gateway:	192		168		0		254		State:	Ready	to Con	nect	
DNS1:	0		0		0		0		Virtual IP:	Θ.	θ.	0 .	0
DNS2:	0		0		0		0						
General			N	() work			D File Manager	Ver	B		() Restart	
rte: 📕U (disk1	U	dis	2	SD								
								Kinco					

3.Turn on the "VPN connection" function and wait for a while to see the status display "VPN connection successful". (Please ensure that the screen has been authorized by the platform administrator)

O DH	CP IP			0	Sta	tic	IP	
IP	192		168		205		142	Server: China Server
Mask	: 255	i .	255		255		0	VPN Setting:
Gateway	: 192		168		0		254	State: UPM Connection Successful
DNS	: 0		0		0		0	Virtual IP: 10 , 8 , 0 , 69
DNS	2: (э.	0		0		0	,
Gene	ral		,	Vet	work			File Manager Version Restart

1.1.2 PC Settings

1.Open EdgeAccessViewer and log in to find the screen you need to operate. This article uses 10.8.0.69 as an example. Click the pass through icon to enter the network transparent transmission setting interface.

•	EdgeAccess Viewer v1.0									
al	abc\zhuwy@kinco.cn Login Time:2020-01-13 13:19:38									
					Successful	Connection				
	IP	Model	Status	Upload	Download	Pass Through	s			
	10.8.0.73	GL070E	Offline	()	A	-1-	06			
	10.8.0.72	GL070E	Offline	(L)		_1-	06			
	10.8.0.69	Default HMI	Online	Ģ	Ģ	_1-	11			
	10.8.0.64	GL070E	Offline	(f)	Ģ	-1-	06			

1.2 Examples of PLC pass through settings

We explain the operation of the following representative PLC downloading programs by HMI pass through. The uploading program and online monitoring operation are similar. (Please refer to Annex 1 for the current PLC series that support Ethernet transparent transmission

PLC	model	Port\protocol	Settings
OMRON	OMRON CP Series	9600\UDP	<u>Setting</u>
Delta	Delta DVP 502\TCP		<u>Setting</u>
Siemens	1200\1500	102\TCP	<u>Setting</u>
Mitsubishi	FX5U	5562\TCP	<u>Setting</u>
Panasonic	Panasonic FP Series	Search port by tool\TCP	<u>Setting</u>

1.2.1 OMRON CP Series

OMRONCP1L PLC for example:

PLC 's ip is 192.168.205.11 (The wired Ethernet IP of the touch screen must be in the same network segment as the IP of the PLC,like192.168.205.XXX), PLC software download default port

is 9600, KDmanager setting :

🔝 KDManager								-			×
Downloa	d Operate	Communicati Communicati	on Set-	NetWork							
Upload C	operate I	IP:	10.8.0.6	9			PORT: 21	845			
System (Operate S	Serial NO.	NULL				Set		∦i-Fi	Set	
Get Vers	ion	Source p	ort(HMI->	PLC)			_		1		1
Decompi	le Operate	PLC IP: 192 . 168 . 205 . 11 Port: 9600									
Pass Thr	ough	PLC	's IP a	and p	ort			ſ	UDP)		
Net Pas	s Througth	chose corresponding protocol Start pass through communication					9				
Virtual C	ОМ										
]				
					< <b< td=""><td>ACK</td><td>NEXT></td><td>></td><td></td><td>Exit</td><td></td></b<>	ACK	NEXT>	>		Exit	

Click"start pass through communication", the screen will enter a white screen state, as shown in the figure

	a destruction of the	State of the second state of	
STRAIGHT MODE			
and the second se			
			and the second

PLC software VPN pass through setting:

Open CX-programmer PLC programming software, input VPN IP (10.8.0.69) for Online IP

	Ľ	新PLC	1.新程	
	45	0		[程序
	修改(<u>G</u>)			「段余
·····································	插入程序())		•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
小 内存	A 在线工作(W)			
白… 🎇 程序	── 启动PLC-PT整体模拟(E)			

变更PLC		\times	. TWD	
设备名称————————————————————————————————————				
设备类型 CPIL 1	▼	Ê(S)		÷
- 网络类型	1	定(g)	2	
网络设置 [Ethernet]				×
网络 驱动				_
工作场所节点号		-		1
35 <u>*</u> 3	☑ 自动检测(A)	Input	HMI's VPN IP	
·IP地址		一端口号		
10 . 8 .	0.69	9600		
		-		

After downloading the PLC project, chose "stop pass through" to exit and the screen will resume working status.

🔯 KDManager	×
Download Operate	Communication Set Communication Type NetWork
Upload Operate	IP: 10.8.0.69 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	Source port(HMI->PLC)
Decompile Operate	PLC IP: 192 . 168 . 205 . 11 Port: 9600 O TCP
Pass Through	
Net Pass Througt	
Virtual COM	
	Start pass through communication Stop pass through communication

1.2.2 OMRON CJ Series

1. First change the IP of the PLC to be the same as the network segment of the computer, for example 192.168.205.9, download to the PLC and restart the PLC

■ CF - CA-Programmer - [#IPECF-I#IE#F-I#F I [#IV24]]								
9 文件(E) 編輯(E) 视图(V) 插入(I) PL <u>C</u> 编程(P) 模拟(S) 工具(E) 窗口(W) 帮助(H)								
D 🖻 🖬 🎝 🚳 🖪 d	x 🖻 🖻 🛢 🗅 오 오 🛛 🗛 🋱 😘 🕼 🕕 💡 😽] & & 4 5 5 5 L						
< X Q Q ₿⊞	CJ1W-EIP21 [編辑参数]							
<u>r</u> 🔊 🖓 🖓 🖓 😭 🚳	瞬 昭 日 留 砧 TCP/IP 以太网 FINS/UDP FINS/TCP FTP 自动调整时间 状态区 SNMP SNMP Trap							
朝朝 国隆 本% 9	- IP地址	○ 不使用DNS						
	 使用以下地址 	└ C 使用DNS						
□-冊 新PLC1[CJ2M] 离线	IP地址 192 . 168 . 205 . 9	主DNS服务器 0 . 0 . 0 . 0						
 算符号 10表和単元设置 	子网掩码 255 . 255 . 0	次DNS服务器 0 . 0 . 0 . 0						
◎ 设置	默认网关 0 . 0 . 0 . 0	范围名称						
□ 🎇 程序	○ 从BOOTP服务器获取IP地址							
□··· <mark>@</mark> 新程序1 (00) <mark>宗</mark> 符号	BOOTP的设置仅在下个单元重启(电源复位)时有效。	「IP路由表						
	已获取的IP地址将自动被保存在单元的系统设置	IP地址 网关地址 插入						
1 功能块	Te	删除						

2. KDmanager setting

🔊 KDManager						—		\times
Downloa	ad Operate	-Communicati Communicati	ion Set]
Upload (Operate	IP:	10.8.0.250		PORT: 21845	5		
System	Operate	Serial NO.	NULL		Set	Wi-F	i Set	
Get Ver	sion	Source	ort(HMT->PLC)			1		
Decomp	ile Operate	PLC IP	192 . 168 . 205 .	9 Port: 4	4818	Frotocol		
Pass Thr	rough					C VDP		
Net Pas	s Through							
Virtual C	OM Through	Keep th	e project working					
		Start pas	ss through communicat:	on Stop	pass through	communi	cation]
				< <back< th=""><th>NEXT>></th><th></th><th>Exit</th><th></th></back<>	NEXT>>		Exit	

3. Use TCP port mapping tool to map the screen's VPN IP to port number 44818

TCP	端口的	央射器(TCP №	Mapping)								\times
文	件(E)	帮助(<u>H</u>)									
	y 🕲	±i			│□ 开机自	自动运行(图)] 下载:	新版本	http://www	. robot5	<u>1. com</u>
				欢迎使用简单、易	用、高性能	的TCP端口映	射器				
	序号	状态	本地端口	远程主机	远程端口	连接数	备	序号	远程主机		
8	1	已启用	44818	10.8.0.250	44818	0					
bi	<mark>ICP</mark> 编辑	最映射		×							
H	-本地 本地 :	端口 (本机开) 満口 : 44818	放端口) 3 请输入	大 于零的整数							
	映射: 映射 :	主机 映射到 主机 : 10.8.	其它主机)— 0.250								
	映射 备注	満口 <mark>: 44818</mark> :	请输入	大于零的整数							
	☑ 启用	, 月该映射(E)	确认	取消(C)							
<							>				
映	J总数:	1 有3	效映射数:1	2020-07-20	13:19:58	主机192.168	.205.1	49:5694	连接到端口	44818	

PLC Software settings: Open CX-programmer PLC software, setting the online IP to the local IP of the computer

∃ ೄ 新工程	世 新PLC1.第
白 <mark>新PLC1[CJ2M] 离结</mark>	修改(<u>G</u>)
	插入程序() ▶
变更PLC	×
- 设备名称	
- 设备类型	
EtherNet/IP	▼ 设定(匹)
□ 显示所有	
注释	
	~
确定 取消	

远 选择C:\WINDOWS\system32\cmd.exe		
默认网关............:		
以太网适配器 以太网:		
连接特定的 DNS 后缀	. 1014	7-
平地链接 IPvb 地址 fe8U::/8ib:4428:f5f9	:df14	6 <u>5</u>
IPv4 地址 192.168.1.233		
子网掩码		
IPv4 地址 192.168.2.222		
子网掩码		
IPv4 地址		
子网掩码 ・ 255 255 0		
TP _{tr} 4 +kb+ll · · · · · · · · · · · · · · · · · ·		
之网体码		
J [V9]98;H−J		
于网通門		
IPv4 地址 192.168.31.233		
了网络街		
IPv4 地址		
TPv4 thtth		

Fill in the local IP of the computer into the PLC software connection settings

网络			
─目标PLC	192 . 168 . 205 . 1	49	
	PC 's local IP		
- 响应超时 (s) 10	<u>*</u>		
	确定	取消	帮助
◆新工程 ★ 新工程 ★ 新工程 ★ 新PLC1[CJ2M] ★ 新PLC1[CJ2M] ★ 新PLC1[CJ2M] ★ 新LL ★ 新	Work online 修改(G) 插入程序(I) 後 在线工作(W)		

□ - 露 新程	Run mode	
	M] 运行模式	
	<u>1</u>	
下载选项 download	options	×
PLC: 新PLC1		确定
包括:		取消
	符号	
□	设置	传送全部
 ☑ 示 符号 ☑ □ 注释 ☑ □ 程序索引 	In order to increase th if the IO table and spe are not changed, it is uncheck these two ite	e download speed, cial unit settings recommended to ms
」 一符号,注释,程序索引		
「市法宅に図り	◎主種1/11行 ▼	

1.2.3 Delta DVP

Foe example: DVP PLC's IP is 192.168.205.155, Use EdgAceess Viewer to open pass through, KDmanager settings as below:

📴 KDM	anager	— — —
\bigcirc	Download Operate	Communication Set Communication Type NetWork
	Upload Operate	IP: 10.8.0.69 PORT: 21845
ি	System Operate	Serial NO. NULL Set Wi-Fi Set
۵	Get Version	Source port(HMI->PLC)
\bigcirc	Decompile Operate	PLC IP: 192 . 168 . 205 . 155 Port: 502
멉	Pass Through	PLC's IP and port
멉	Net Pass Througth	protocol
멉	Virtual COM	
		Start pass through communication Stop pass through communication

PLC Software settings: Options---Communication Setting

😂 WPL Editor

File Edit Compiler Comments Search View Communication	m Options Wizard Window Help
D # 8 8 0 0 X 0 0 <i>7</i> 3 0 4 4	Communication Setting
	Change <u>P</u> LC Type C Program <u>S</u> etting
Communication Setting	
Connection Setup Type Ethernet	
Communication Setting	
COM Port COM1 © ASCII	
Data Length 7 🗸 C RTU (8 bits)	
Parity Even -	
Stop Bits 1 - Auto-detect	
Baud Rate 9600 - Input HMI's	
Station Address 1	
Ethernet Setting	
Assign IP 10. 8. 0. 69	
Port 502	

1.2.4 IDEC FC Series

For example: FC 6A's IP is 192.168.205.162 ; Open Edgaceess and chose pass-through ,KDmanager settings as below

🔝 KDManager		– 🗆 X
Download Operate	Communication Set	
Upload Operate	IP: 10.8.0.34	PORT: 21845
System Operate	Serial NO. NULL	Set Wi-Fi Set
Get Version	Source prot(UNIT-)PLC)	
Decompile Operate	PLC IP: 192 . 168 . 205 . 162 Port:	2101 © TCP
Pass Through		
Net Pass Through		
Virtual COM Through	🕞 Keep the project working	
	Start pass through communication Sto	p pass through communication
	< <back< td=""><td>NEXT>> Exit</td></back<>	NEXT>> Exit

PLC Settings:

通信设置 Commu	inicat settings ?	\times
串行	以太网端口设置	
以太网	IP地址: 10 . 8 . 0 . 34 浏览 (B)	
USB	端口: 2101	2
Ethernet	超时时间: 3000 📮 毫秒	
	重试: 1	
	PLC网络设置	
	1:1	
	◎ 1:N 从机编号: 0	
	监控设置	
•	通信间的时间延迟:	臺秒
	下载设置	
	各数据包内的最大数据里: 2 📮 × 64 字音	古
	数据包间的间隔: □ 📮 毫秒	
	通信选项	
	🔲 使用 HGxG的Path-Through功能	
	回 使用通过 Modbus TCP 的维护通信	

1.2.5 Siemens 1200\1500\ET200\300

KDmanager Settings:

🐼 KDManager	>
Download Operate	Communication Set Communication Type NetWork
Upload Operate	IP: 10.8.0.69 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	Source port(HMI->PLC)
Decompile Operate	PLC IP: 192 . 168 . 205 . 112 Port: 102
Pass Through	PLC's IP and port
Net Pass Througth	
Virtual COM	
	Start pass through communication Stop pass through communication

PLC Software Setting :(Note: Portal software V15 may not support some 1200 models, it is recommended to use V14 and below)

Open portal TIA software---PLC properties---PROFINET interface

General	IO tags	System constants	Texts		
General	N		Comment:		~
PROFINET int	erface				
DI 6/DQ 4					
AI 2					\checkmark
High speed o	ounters (
Pulse genera	tors (PTO/	Ethernet addresses			
Startup					
Cycle		Interface networ	ked with		
Communicat	tion load		C. have	Networkunded	
System and	clock me		Subnet:		-
Web server				Add new subnet	
Time of day		-			
Protection		IP protocol			
Connection r	esources				
Overview of	addresses	•		 Set IP address in the project 	
				IP address: 192 . 168 . 205 . 112	
				Subnet mask: 255 255 255 0	
				Router address: 0 . 0 . 0 . 0	
			L	IP address is set directly at the device	
		PROFINET			
				PROFINET device name is set directly at the device	
				_	

Click "Go online", chose TAP V9 for VPN

	Device	Device type	Slot	Type	Address	C.
	PLC_1	CPU 1211C DC/D	. 1 X1	PN/IE	Not configur	red
		Type of the PG/PC int	terface:	PN/IE		
		PG/PC int	terface:	lease select.		
		Connection to interface	ubnet:	Please select.		
		lates	touriet.	💹 Realtek PC	le GBE Family Con	troller
		isiga	ateway:	TAP-Wind	ows Adapter V9	
				💹 VMware V	irtual Ethernet Ada	apter for VMnet8
	Select target de	vice:		Microsoft	KM-TEST Loopbac	k Adapter
		- •		war Microsoft	Kim Loopbaci	KAUBPICI 222
line	Configured access	nodes of "PLC_1" Device type Slo	ot Type	e A	Address	Subnet
line	Configured access Device PLC_1	nodes of "PLC_1" Device type Slo CPU 1211C DC/D 1 >	ot Type K1 PN/I	e A E M	Address Not configured	Subnet
line	Configured access Device PLC_1	nodes of "PLC_1" Device type Slo CPU 1211C DC/D 1 >	ot Type K1 PN/I	e A E I	\ddress Not configured	Subnet
line	Configured access Device PLC_1	nodes of "PLC_1" Device type Slo CPU 1211C DC/D 1 X	ot Type K1 PN/I re: PN/I	e (A E 1) 1E	\ddress \ot configured	Subnet
line	Configured access Device PLC_1	nodes of "PLC_1" Device type Slo CPU 1211C DC/D 1 X Type of the PG/PC interfac PG/PC interfac	ot Type K1 PN/I Re: PN/I	e A E F IE P-Windows Ad	Address Not configured	Subnet
line	Configured access Device PLC_1	nodes of "PLC_1" Device type Slc CPU 1211C DC/D 1 > Type of the PG/PC interfac PG/PC interfac	ot Type K1 PN/I se: PN/I se: PN/I se: Direct	e A E I IE P-Windows Ad	Address Not configured	Subnet
line	Configured access Device PLC_1	nodes of "PLC_1" Device type Slo CPU 1211C DC/D 1 > Type of the PG/PC interfac PG/PC interfac onnection to interface/subne 1st gatewa	et Direct	e A E P IE P-Windows Ad at slot '1 X1'	Not configured	Subnet
line	Configured access Device PLC_1 Co Select target device	nodes of "PLC_1" Device type Slo CPU 1211C DC/D 1 > Type of the PG/PC interfac PG/PC interface 1st gatewa	ot Type K1 PN/I Re: PN/I Re: Direct Direct	E P-Windows Ad	Not configured	Subnet
line	Configured access Device PLC_1 Co Select target device Device	nodes of "PLC_1" Device type Slo CPU 1211C DC/D 13 Type of the PG/PC interfac PG/PC interfac onnection to interface/subne 1st gatewa e: Device type I	ot Type K1 PN/I e: PN/I e: Direct ay:	e A E P P-Windows Address at slot '1 X1'	Address Not configured	Subnet
line	Configured access Device PLC_1 Configured access Configured acces	nodes of "PLC_1" Device type Slc CPU 1211C DC/D 1 Type of the PG/PC interfac PG/PC interfac Onnection to interface/subne 1st gatewa	ot Type K1 PN/I Re: PI/I Re: Direct ay: nterface type PN/IE	e A E F P-Windows Ad at slot '1 X1' Sh Addres 10 .	Address Not configured	Subnet Subnet
	Configured access Device PLC_1 Co Select target device Device	nodes of "PLC_1" Device type Slc CPU 1211C DC/D 1 3 Type of the PG/PC interface PG/PC interface ponnection to interface/subne 1st gatewa e: Device type I F ponut HMI's VPN ID a	nterface type	E F-Windows Ad at slot '1 X1' Addres 10	Address Not configured	Subnet
	Configured access Device PLC_1 Configured access Configured acces	nodes of "PLC_1" Device type Slc CPU 1211C DC/D 1 X Type of the PG/PC interface PG/PC interface onnection to interface/subne 1st gatewa Ist gatewa Ist gatewa PUL PUL Device type II Ist gatewa Ist gatewa PUL PUL PUL PUL	nterface type	E F P-Windows Ad at slot '1 X1' Space place Iv	Address Not configured	Subnet

After searching device successfully, click Go Online, you can enter the online simulation, and download the PLC program.

1.2.6 Siemens smart 200

KDmanager Settings:

🔊 KDManager	– 🗆 X
Download Operate	Communication Set
Upload Operate	IP: 10.8.0.69 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	
Decompile Operate	Source port(HMI->PLC)
Pass Through	
Net Pass Through	
Virtual COM Through	
	Keep the project working Start pass through communication Stop pass through communication
	< BACK NEXT>> Exit

PLC Software settings:

System Block

Madu	ula.	Version	luput	Output	Order Number
		Version			
	5140(DC/DC/DC)	VU2.05.00_00.00.07.00	10.0	Q0.0	6E37 200-13140-04V
50					
EM 2					
EM 3					
EM 4					
EM 5					
	F+1	arnat Part			
Communica	ation	TELWEL TOLL			
	10.7	IP address data is fixed to the	values below and ca	nnot be changed	by other means
II.0 - I	1.7				
□ I2.0 - I	2.7	IP Address;			
Digital Out	puts	Subnet Mask:			
🔲 Retentive F	Ranges /				
Security		Default Gateway;			
Startup					
. ,		Station Name:			
don	t check Bad	keround Time			
this			17 (5 500/)		
		Select Communications Backgrour	id Time (5 - 50%)		
		10 -			
	RS4	185 Port			
		RS485 settings allow you to adjust	t the communication	s parameters that	t the PLC and
		HMI devices use to communicate			
		Address: 2	-		
		Baud Rate: 9.6	bps 🗾		
Communic	ations				2
commanie	delotto				
Communica	tion Interface				
TAP-Windo	ows Adapter V9.TC	PIP.1	 Press 	s the "Edit" butt	on to change the IP c
-			the s	elected CPU. Pr	ess the "Flash Lights"
Found	CPUs		flash	CPU LEDs to vi	sually locate a connec
Added	CPUs				
19	2.168.0.2	Add CPU			X
		IP Address			
		10 8 0	69		VONUD
		10.8.0	In In	put HMI's	VPNIP
		Symbolic name (o	ntional)		
		Symbolic Harle (0	paonaly		
		1			
				OK	Cancel
				OK	Cancel
	_			OK	Cancel
Find CP		Edit CPU	te CPU	OK	Cancel

1.2.7 Mitsubishi FX5U

KDmanager Settings:

🔁 KDN	lanager	- D >
\bigcirc	Download Operate	Communication Set
	Upload Operate	IP: 10.8.0.69 PORT: 21845
ି	System Operate	Serial NO. NULL Set Wi-Fi Set
യ	Get Version	Source port(HMI->PLC)
	Decompile Operate	PLC IP: 192 . 168 . 205 . 122 Port: 5562
멉	Pass Through	PLC's IP and port
멉	Net Pass Through	
멉	Virtual COM	
		Start pass through communication Stop pass through communication

PLC Software settings:

Specify Connecti	on Destination Connection			
PC side I/F	Serial USB Board	:		
PLC side I/F	PLC GOT Module			
			PLC Mode	e FX5CPU
	IP Address/Host Name	10.8.0.69		
	PLC side I/F Detailed Sett	ing of PLC Module		
Other Station	PLC Mode FX5CPU		~	
Setting	O Ethernet Port Direct	t Connection	Connection via HUB	
Network Communication Route) /		ut HMI's
	* Please select 'Connection if there is only one target If HUB is connected to ot Direct Connection' is select becomes overloaded. This	n via HUB' when you use HUB even device to communicate. her devices and also 'Ethernet Port ted during communication, the line might affect other devices'	IP Address	8 0 69 ut Eormat DEC V
	communication.		⊖ Host <u>N</u> ame	

1.2.8 Mitsubishi QJ71E7 Ethernet

PLC Settings

First set the communication parameters of PLC as shown below, download it to PLC and restart it to take effect

総网络参数 以太网/CC IE... ×

	模块1				模块2			模线
网络类型	以太网	—	无			-	无	
起始I/O号		0000						
网络号	network number	1						
总(从)站数								
组号		0						
站号	station number	2						
模式	在线	-				-		
	运行设置							
以太网 运行设置				×				
 通信数据代码设置 ○ 二进制码通信 ◎ ASCIII9通信 □P地址设置 	初始时间设置 ○ 不进行OPEN等待(STOP状态 ● 始终OPEN等待(STOP状态T	下不可通() 下可通信)	信) 設置:					
輸入格式 10进制数 IP地址 192 I▼ 允许RUN中写入	168 205 204	● UX C IEE 「TCP生 ● 使用	(Pog(V E802. 存确), 月Keep	2.0) 3 人设置 DAlive		1 70.7		

□ 四络参数 以太网/CC IE/ME. □ 四络参数 以太网 打开设... 区

IP地址/端口号输入格

		协议		打开方式		固定缓冲	固定缓冲 通信步骤	成对 开放	生存确认	本站 端口号	通 〕
	1	TCP	•	MELSOFT连接	•	-	-	-	-		
	2		•		•	-	-	-	-		
	3		•		•	-	-	-	-		
1	4		_		_	_	_	-	_		

KDmanager settings

🔝 KDM	anager	- 🗆 X
\bigcirc	Download Operate	- Communication Set Communication Type NetWork
\frown	Upload Operate	IP: 10.8.0.69 PORT: 21845
O	System Operate	Serial NO. NULL Set Wi-Fi Set
O	Get Version	Source port(HIT-SPLC)
\bigcirc	Decompile Operate	PLC IP: 192 . 168 . 205 . 204 Port: 5002
멉	Pass Through	C UP
멉	Net Pass Through	
멉	Virtual COM Through	Keep the project working
		Start pass through communication Stop pass through communication
		< K NEXT>> Exit

Start pass through



1.2.9 Kinco F1

KDmanager Settings:

I KDManager	
Download Operate	Communication Set
Upload Operate	IP: 10.8.0.48 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	-Source port(HMI->PLC)
Decompile Operate	PLC IP: 192 . 168 . 0 . 250 Port: 1200 • TCP
Pass Through	PLC's IP and Port
Net Pass Through	
Virtual COM Through	V Keep the project working
	Start pass through communication Stop pass through communication
	< BACK NEXT >> Exit

PLC Software settings:

🎭 File Edit Project Insert Extras	Online	e Window Help	
"⊇ ∠ -	L	.ogin	Alt+F8
	ι	.ogout	Ctrl+F8
Resources		Download	
		2	
HIM Ibrary ANALYZATIUN.LIB 5.10.9		Run	FD
		Stop	Shift+F8
Em Distance Kineshie dhuu Claus K 10.4	Ö F	Reset	
	0 F	Reset (cold)	
Element ibrary SYSTASKINED LIB 6 12 10	0 6 F	Reset (original)	
	0		
Firmware Tool < B>		loggle Breakpoint	F9
Alarm configuration	0 E	Breakpoint Dialog	
🖌 🎆 Library Manager	<u>o</u> s	Step over	F10
Log I-	0 5	Step in	F8
PLC - Browser	0 5	Single Cycle	Ctrl+F5
PLC Configuration	0		
Sampling Trace	ш \	Write Values	Ctrl+F7
Target Settings	10 F	Force Values	F7
Task configuration	F	Release Force	Shift+F7
Watch- and Recipe Manager	V	Write/Force-Dialog	Ctrl+Shift+F7
workspace			
1 11	S	Show Call Stack	
1 11		Display Flow Control	
1 11	5	Simulation Mode	
	π	Communication Parameters	
		ourcecoue download	
	(Create boot project	
	1	Write file to PLC	
		Read file from PLC	

Communication Parameters	×
Channels 	OK Cancel PNew Remove Gateway Update

1.2.10 Panasonic FP

U need "Configurator WD" tool to search PLC's IP and port

M Configurator WD <u>File Search Edit View Option H</u>elp Þ Т 🖉 💦 q IP Address DHCP Port MAC Address Firm Version Unit Туре 192.168.205.91 32769 FPOH CPU ----Unknown 00:C0:8F:65:09:07 1.11

KDmanager Setting

🔝 KDN	lanager	×
\bigcirc	Download Operate	Communication Set
\bigcirc	Upload Operate	IP: 192.168.205.249 PORT: 21845
୍ଦି	System Operate	Serial NO. NULL Set Wi-Fi Set
ത	Get Version	Source port(HMI->PLC)
\bigcirc	Decompile Operate	PLC IP: 192 . 168 . 205 . 91 Port: 32769
뮙	Pass Through	PLC IP download port
뮙	Net Pass Through	of PLC
멉	Virtual COM Through	Keep the project working
		Start pass through communication Stop pass through communication
		< BACK NEXT>> Exit

PLC Setting

FP0H.pro - Control FPWI	N Pro	97-I	EC 61131-3 \$	肩程系统	- COM0
项目(P) 对象(O) 编辑(E)	在线	ŧ(L)	监控(M)	调试(<u>D</u>)	其它(X)
ें 😂 🛃 📾 👺 😢 🙆 ह	†	在领	\$模式(L)	Sh	ift+Esc
项目	¢3	在約	€编辑模式(∐)		
🐅 🗣 🐁 冬 🛈 년 🧇		通信	言设置(<u>U</u>)		
💼 项目 [D:\songxia\Samp		网络	各参数(<u>N</u>)		

通信设定 - FPOH.pro	\times
网络类型: 以太网 ~	<u>0</u> K
标题:	取消(C)
□ 使用ET-LAN单元	初始化 <mark>()</mark>
计算机 PC 's LAN IP □自动获取IP地址	浏览 <mark>(B</mark>)
IP地址: 192,168,205,149	帮助(出)
端口No.: 32769 (0, 1025 - 65535	
站号: 64 (1-64)	
HMI's LAN IP 対方 IPt物址: 192 168 205 249	
端口No.: 32769 (1-65535)	
站号: 1 (1-64)	
通信超时(秒): 15 ~ 连接超时(秒): 60 ~	
登录一览(山 自加到登录中(A	

If using VPN IP to Pass through, setting as below: IPconfig to get the VPN IP of PC



KDmanager setting

🗵 KDM	lanager	×
\bigcirc	Download Operate	Communication Set HMI'S VPN IP Communication Type NetWork
	Upload Operate	IP: 10.8.0.132 PORT: 21845
୍ବି	System Operate	Serial NO. NULL Set Wi-Fi Set
0	Get Version	Source port(HMI->PLC)
	Decompile Operate	PLC IP: 192 . 168 . 205 . 91 Port: 32769
멉	Pass Through	PLC IP PLC's download
멉	Net Pass Through	port
멉	Virtual COM Through	Keep the project working
		Start pass through communication Stop pass through communication
		< K NEXT>> Exit

PLC Setting

通信设定 - FPOH.pro	\times
网络类型: 以太网 ~	<u>O</u> K
标题:	取消(C)
□ 使用ET-LAN单元	初始化创
计算机 PC 's VPN IP	浏览(B)
IP地址: 10, 8, 0, 35	帮助(出)
端口No.: 32769 (0,1025-65535	
站号: 64 (1-64)	
HMIT'S VPN IP 对方	
IP地址: 10 8 0 132 端口No.: 32769 (1-65535)	
站号: 1 (1-64)	
通信超时(秒): 15 ~	
连接超时(秒): 60 ~	
登录一览山 自加到登录中语	

1.2.11 Kinco PLC series

For example, a K204 PLC's IP is 192.168.205.168, Open Edgaceess, KDmanager settings as below

🔝 KDM	lanager	- 🗆 🗙
\bigcirc	Download Operate	Communication Set Communication Type NetWork
	Upload Operate	IP: 10.8.0.34 PORT: 21845
,	System Operate	Serial NO. NULL Set Wi-Fi Set
۵	Get Version	Source port(HMI->PLC)
	Decompile Operate	PLC IF: 192 . 168 . 205 . 168 Port: 502
멉	Pass Through	PLC's IP and port
멉	Net Pass Through	
멉	Virtual COM Through	Keep the project working
		Start pass through communication Stop pass through communication
		< BACK NEXT>> Exit

PLC software settings

👪 Kin	coBuil	der V8.1	.0.6							
<u>F</u> ile	<u>E</u> dit	View	P <u>r</u> oject	<u>L</u> D	<u>PLC</u>	<u>D</u> ebug	Tools	Window	<u>H</u> elp	
i 🗅 🖬	÷ 🕼	<u>ا</u> ا	B B	ei t	l io	~ 🖏	0	ptions		
Work	space				Ę	4	<u>C</u>	ommunicati	ions	
							Lo	oRa(2.4Ghz))Settings	

Address <u>R</u> emote:	1 ~	Auto-detecting
-Local Parame	ters	
<u>P</u> ort:	$\rm COM4$ \sim	Slave ID range:
<u>B</u> audrate:	115200 \sim	1 - 127
Par <u>i</u> ty:	None \sim	
<u>D</u> ata Bits:	8 ~	Start Stop
<u>S</u> top Bits:	1	
Use Ethernet	Port	
Ethernet		

1.2.12 Unitronics

KDmanager settings

KDManager
Communication Set Communication Type NetWork
Upload Operate IP: 10.8.0.172 PORT: 21845
System Operate Serial NO. NULL Wi-Fi Set
Get Version -Source port (HMI->PLC)
Decompile Operate PLC IP: 192 168 205 239 Port: 502 Protocol
Pass Through
Net Pass Through
Virtual COM Through
Start pass through communication Stop pass through communication
<pre></pre>

PLC settings

5 ~1	Communication - PC settings								Ш		
120		Select Connectio	n Type TCP/I	P (Call)			-	99999	1	•	1
2.11	Project Settings: V130-33-B1 MI -999999 1 1										
т 🚧	TCP/IP Project Settings										
-	ᆂ 🔀 🧷 🖆 Add To Favorites 🛛 🙀										
PL	PLC's							1			
1	192	IP Address 2.168.205.239	Protocol TCP	Port Number 502	F V	LC Name 130-33-B1	De: J	scription			

1.2.13 Trio Controller

First, change the port number of cuio controller software network port online to non-23 port (because port 23 will conflict with other ports of the computer)

Motion Perfect v4.3.1

Project Controller Edit Search File/Program Build/Run Tools Window Help

🕨 🖥 🔏	Connect in Sync Mode	Alt+Shift+C Alt+Shift+T		💩 狂 🕱 🖼 💷 🖄
Project	<u>C</u> onnect in Direct Mode	Alt+Shift+D	RT	
🔥 🛪 🍄	Disconnect	Alt+Shift+U	∮ ▼ 	& 🖻 🕮 🤊 (° 🏲 🔜 🎭 🗀 🔛 🤤 😪 Start Serial port section
	Connection Settings Reset Controller		s	Port 1 ETCOM(9600,7,2,2,1,5,0,4,0) Stop Serial port section
	Communications			Ethernet Δ (Ethernet slot -1)
Controll	communications	,		
Companying some	Enable <u>F</u> eatures			Serial port 1
	Memory Card			Serial port 2
	Load Firmware			

遁 Ethernet Interfa	ce Configuration X				
Interface Etherne	et A (Ethernet, slot -1)				
Parameters					
IP Address	192.168.205.178				
Subnet Mask	255.255.255.0 change it to				
Default Gateway	192.168.205.225 other number				
MAC Address	00:1E:FB:63:8E:E8				
Normal Commun	ications Port Number 23 Default(23)				
Token Communic	ations Port Number 3240 Default(3240)				
 Endpoints 					
Apply and expo	rt to STARTUP program 🔁				
Ethernet Interfa	ce Configuration X				
Interface Etherne	et A (Ethernet, slot -1)				
Parameters					
IP Address	192.168.205.178				
Subnet Mask	255.255.255.0				
Default Gateway	192.168.205.225				
MAC Address	00:1E:FB:63:8E:E8				
Normal Communications Port Number 35 Default(23)					
Token Communications Port Number 3240 Default(3240)					
✓ Endpoints					
Apply and expo	Apply and export to STARTUP program 🔁				
	Apply Cancel				

At this time, the software will always be stuck in the loading state, because the port number has been successfully modified to 35, and the default 23 port in the online setting is still available, so it can not be online. At this time, you need to change the port in the communication setting to 35 to go online again

Ethernet Interface Configuration \times Interface Ethernet A (Ethernet, slot -1) Parameters IP Address 192.168.205.178 Subnet Mask 255.255.255.0 Default Gateway 192.168.205.225 MA 🗾 \times Default(23) No 🛓 Default(3240) Tol Endpoints Apply and export to STARTUP program 🛃 Apply Cancel Motion Perfect v4.3.1 Project Controller Edit Search File/Program Build/Run Tools W Connect in Sync Mode Alt+Shift+C \$ s Connect in Tool Mode Alt+Shift+T Project RTUP × Connect in Direct Mode Alt+Shift+D ₹₽ Alt+Shift+U Disconnect j - | X - 1 [] G 'Start Sei Connection Settings... D Pi ' Port 1 4 Click to change connection setting Reset Controller... B Connection

5-

Connection	~
Interface	Connection parameters
 Ethernet 	Description
 Serial 	ontroller IP address 192.168.205.178
	IP port 35
⊖ USB	set the new port Timeouts to connect
○ Simulator	
😂 Recent 💌	
Apply	Apply & Connect 👻 Cancel

Motion Perfect v4.3.1

<u>P</u> roject	Cont	troller Edit Sear	rch File/P	rogram	Build/R	un <u>T</u> oo	ols <u>W</u>	/indo	w
	\$	Connect in Sync	Mode	Alt+Shi	ft+C		€∑→	हि	Z
	2	Connect in Tool	Connect to	o control	ler in Svi	nc mode		1.000	
Project 🕎	2	Connect in Direct	wode	Alt+Shi	π+υ	INTOT	\L_		
1 7	₽ ₽	Disconnect		Alt+Shi	ft+U	3 - X	b (1	59	C
		Connection Settin	nas			- 'Sta	rt Ser	rial	pc

At this point, the connection is successful with the new port 35. And then we can start Net Pass through

Net Pass through settings:

📓 KDManager – 🗆 >
Communication Set Communication Type NetWork
Upload Operate IP: 10.8.0.69 PORT: 21845
System Operate Serial NO. NULL Set Vi-Fi Set
Get Version
Decomple Operate
Pass Through new port C mp
Wet Pass Through you have set
Virtual COM Through
Keep the project working Start pass through communication Stop pass through communication
> Exit

hen change the IP of the connection settings to the VPN IP of the screen to upload and download the program .

M Connection	– 🗆 X
Interface Ethernet	Connection parameters Description
⊖ Serial	ontroller IP address 10.8.0.69
O PCI	IP port 35
⊖ USB	Timeouts
 Simulator 	
😂 Recent 💌	
Apply	Apply & Connect 👻 Cancel

1.2.14 Parker ACR Series

KDmanager settings

📧 KDManager	- 🗆 X
Download Operate	Communication Set
Upload Operate	IP: 10.8.2.0 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	Source port(HMI->PLC)
Decompile Operate	PLC IP: 192 . 168 . 100 . 35 Port: 5006
Pass Through	
Net Pass Throug	
Virtual COM Throu	₩ Keep the project working
	Start pass through communication Stop pass through communication
	< BACK NEXT>> Exit

PLC settings

ACR-View - test:ACR9040* File Edit View Run Window Help 😢 🌑 🗟 🟝 🗐 🥵 ちゃ 🗶 🖆 🌮 ≫ ≪ 😒 🎜 🔊 🗇 🚱 😓 £ Project Workspace × 🔊 test:ACR9040* - • × ⊡-- 🚭 test* Communications . ■ 🔊 ACR9040* ◯ Serial COM3 ~ 38400 ~ HMI VPN Virtual IP Configuration Wizard* Ethernet 10 . 8.2.0 🗉 🥖 Program Editor 🗉 莎 PLC Editor USB No Ports Found Terminal Emulator Connect Find Ports 🗄 🌮 Tools 🗄 🕍 Status Panels Project Info Controller Info 🗉 🔣 Scopes Controller: ACR9040/P3/U0/B0 Controller: IEC Library Ver: IEC Library Ver. Firmware Ver:

1.2.15 Rockwell MicroLogix1400

KDmanager settings

🔤 KDManager	- 🗆 X
Download Operate	Communication Set
Upload Operate	IP: 10.8.0.132 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	-Source port(HMI->PLC)
Decompile Operate	PLC IP: 192 . 168 . 210 . 167 Port: 44818
Pass Through	PLC IP
Net Pass Throug	
Virtual COM Throu	🔽 Keep the project working
Bridged network	Start pass through communication Stop pass through communication
	< BACK NEXT>> Exit

PLC setting

1) Click RSLinx classic and configure drivers

Configure Drivers					? ×
Available Driver Type	15:	<u>•</u>	Add	New	Close Help
Configured Drivers:					
Name and Descrip AB_ETH-1 A-B Et AB_VBP-1 RU	otion hemet RUNNING JNNING		Status Running Running		Configure
Configure driv	er: AB_ETH-1			?	×
Station Mappi	ng				itart
Chatian					
Station		•		Add New	elete
0	10.8.0.132			Delete	1
1				Delete	
63	Driver				

2) Click RSWho, and browse

RSWho - 1	
Autobrowse Refresh 🕻 🏝 🏢 Browsing - node 10.8.0.132 found	d
 □-■ Workstation, SH-RD-0021 □-➡ Linx Gateways, Ethernet □-➡ AB ETH-1, Ethernet □-➡ 10.8.0.132 [192.168.210.167], MicroLogix1400, N □-■ AB_VBP-1, 1789-A17/A Virtual Chassis 	10.8.0.132 [192.168
>	

1.2.16 Rockwell compactlogix 1769

KDmanager settings

KDM	lanager	- 🗆 X
\bigcirc	Download Operate	Communication Set Communication Type NetWork
\bigcirc	Upload Operate	IP: 10.8.0.132 PORT: 21845
୍ଷ	System Operate	Serial NO. NULL Set Wi-Fi Set
യ	Get Version	Source port(HMI->PLC)
	Decompile Operate	PLC IP: 192 . 168 . 1 . 10 Port: 44818 TCP
멉	Pass Through	C UP
멉	Net Pass Through	
멉	Virtual COM Through	✓ Keep the project working
멉	Bridged network port Pass Through	Start pass through communication Stop pass through communication
		< BACK NEXT>> Exit

PLC setting

1) Click RSLinx classic and configure drivers

onfigu	ure Driver	s				? >
-Availal	ble Driver Typ	Des:	•	Add N	ew	Close Help
Config	ured Drivers:					
AB AB	me and Descr ETH-1 A-B E VBP-1 F	tiption Ethernet RUNNING RUNNING		Status Running Running		Configure
Con	figure dri	iver: AB_ETH-1			?	X itart
54		,ing				itop
	Station	Host Name			Add New	elete
	0	10.8.0.132				
	1				Delete	
-	63	Driver				

2) Click RSWho, and browse

 File View Communications Station DDE/OPC Security Window Help Biowsing - node 10.8.0.132 found Autobrowse Refresh Browsing - node 10.8.0.132 found Workstation, SH-RD-0034 Biowsing - node 10.8.0.132 found Biowsing - node
Autobrowse Refresh Browsing - node 10.8.0.132 found Image: Workstation, SH-RD-0034 Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found Image: Browsing - node 10.8.0.132 found
□ ■ Workstation, SH-RD-0034 □ ■ ■ Linx Gateways, Ethernet □ ■ ■ AB_ETH-1, Ethernet □ ■ ■ 10.8.0.132 [192.168.1.10], 1769-L30ER LOGIX5330ER, 176 □ ■ ■ AB_ETHIP-1, Ethernet □ ■ ■ AB_ETHIP-1, Ethernet ■ ■ AB_VBP-1, 1789-A17/A Virtual Chassis
🗭 RSLogix 5000 - a [1769-L30ER 20.12]
<u>File Edit View Search Logic Communications Tools W</u> indow <u>H</u> elp
Who Active Select Recent Path
Iffline Image: Bar b
👪 Who Active — 🗆 🗙
Autobrowse Refresh Image: Control of the second seco

Using network pass through to download project for Rockwell 1769 is more slower than Bridged network pass through. <u>Click here to go to Bridged network pass through</u>

1.2.17 Schneider M200

KDmanager settings

🧾 KDM	lanager	-
\bigcirc	Download Operate	Communication Set
	Upload Operate	IP: 10.8.0.132
ं	System Operate	Serial NO. NULL Set Wi-Fi Set
۵	Get Version	-Source port(HMI->PLC)
٢	Decompile Operate	PLC IP: 192 . 168 . 1 . 201 Port: 502
멉	Pass Through	PLC IP
멉	Net Pass Through	
멉	Virtual COM Through	✓ Keep the project working
멉	Bridged network port Pass Through	Start pass through communication Stop pass through communication
		< BACK NEXT>> Exit

PLC settings

۲ <u>م</u>	Eco 3 truxure	新项目				No error	Not Connected	
<u>حيج</u>	Machine Expert -	Basic 🗋 🖻	8 • 8 • % 🖻	Ê & ▼ ∅ ▼ 🕸	0 • D C	10.8.0	.132 🔻 📽 🕀	
Properties		() Configuration		Programming		Commissionin	g	
▲ Co	mmissioning		Local Devices 🕋 🔦	Filter COM ports	Ethernet Dev	vices 🛱 🔧 💿	Filter detected device	es
	Connect		COM3		19/	2.168.1.201		
	Controller Update				10.	.8.0.132		
	Memory Management							
	Controller Info							
	KTC Management		Keep Modbus drive	r parameters	Remote Lo	okup		
			Unit ID 1		10.8.0.132	Jokup	Add	Ľ
			•					1
-	-	****						
502-	Eco	新坝日		~ · · · ·	0	No error	Not Connected	
5	Machine Expert -	Basic 🗋 🖻		G A ▼ A ▼ Ø	? - ▷ ∟] 🕼 🗹 10.8.0.	132 🔻 🥰 🕀	
Properties		e Configuration		Programming		Commissioning	1	
▲ Co	mmissioning		Local Devices 🕋 🔦	Filter COM ports	Ethernet Dev	ices 😰 🔧 🗆	Filter detected devices	s
	Connect		COM3		192	2.168.1.201		
	Controller Update				🗌 🔽 10.4	8.0.132		
	Memory Management							

1.3 List of PLC supported VPN pass-through models

PLC	Models	Port\Proto col	Pass through	Description
OMRON	OMRON CP Series	9600\UDP	Supported	
	OMRON CJ Series	44818\TCP	Supported	
Delta	Delta DVP	502\TCP	Supported	
IDEC	IDEC FC Series	2101\TCP	Supported	
Kinco	Kinco Series	502\TCP	Supported	

1.3.1 Appendix 1: Ethernet pass through model table
	Smart 200 Series	102\TCP	Supported	
Siemens	1200\1500\ET200\300 Series	102\TCP	Supported	
	Smart 700IE (HMI)	5002\TCP	Supported	
	QJ71E71	5002\TCP	Supported	
Mitsubishi	FX5U CPU Ethernet	5562\TCP	Supported	
	FX3U-ENET-L	5551\TCP	Supported	
				The PLC software can
	Trio MC Series	Port\TCP		be changed to any port
Trio			Supported	number, of which port
				23 cannot be used to
				pass through
Keyence	Keyence KV series	8500\TCP	Supported	
LS	XMC Series	2002\TCP	Supported	
Denesaria	Denegaria ED	Search port	Cummented	
Panasonic	Panasonic FP	by tool\TCP	Supported	
Unitronics	Unitronics	502\TCP	Supported	
Parker	ACR 9000 series	5006\TCP	Supported	
Rockwell	MicroLogix1400,AB1769	44818\TCP	Supported	
Schneider	M200	502\TCP		

2. Virtual COM through

2.1 VPN external network connection of HMI and PC

The same settings as "1.1.1"-"1.1.2" of 1.1 above

2.2 PLC pass-through connection setting

2.2.1HMI pass-through settings

1 Click"Install Driver", U can get virtual COM5

🚱 KDManager	- 🗆 ×
Download Operate	Communication Set Communication Type NetWork
Upload Operate	IP: 10.8.0.34 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	Parameter Setting(PC->HMI)
Decompile Operate	(COM5) Install Driver Uninstall Driver © NET
Pass Through	HMI IP: 10 8 0 . 34 Port: 21845 USB Parameter Setting(HMI->PLC)
Net Pass Through	Type RS232 - Baud Rate 57600 - Parity none -
Virtual COM	Port COMO - Data Bit 8 - Stop Bit 1 -
	Start pass through communication Stop pass through communication

2 Set the direct communication parameters of the HMI and PLC (You must knew the programming port parameters of the PLC in advance), and for example the port is connected to the screen COMO port.

😰 KDManager							_		×
Download	Operate	Communicati Communicati	on Set — on Type Ne	etWork	Comm	unicati	ion ty	pe PC	_
Upload Op	erate	IP:	10. 8. 0. 34		betwe	PORT:	21845	rC	_
System Op	erate	Serial NO.	MULL			Set	t I	₩i—Fi S	et
Get Version	י [Parameter	Setting(PC	:->HMI) —			T¥	PE	
Decompile	Operate	(COM5)	Instal	l Driver	Unin 34	Astall Driver		NET USB	
Pass Throu	gh	-Parameter	Setting(HM	u->plc)-					
Net Pass T	hrough	Туре	RS232 •	Baud R	ate 9600	 Parity 	v even	•	1
Virtual CO	м	Port	COMO -	Data B	it 7	▼ Stop H	Sit 1	•	J
	Ľ	Start pass	through co	ommunicat	1 on Sto	op pass throu	ugh commu	nicatio	n

Click start pass through communication, the screen will enter a white screen state, as shown in the figure

all Canad				and the second se	and the second	and the second second
A CONTRACT OF A						
And the second se						
STRAIGHT MODE						
and the second se						
						and the second
and the second se						The second second second
	and the second second	and all the second	NUME AND AND AND			and the second second
A REAL PROPERTY OF A REAL PROPER				and the second se		Contraction of the local division of the loc

2.2.2PLC Software settings

PLC programming software set virtual serial port to upload and download programs (Take Delta DVP PLC as an example)

Open Delta WPLSoft programming software , Option-Communication setting, COM port chose Virtual COM5

Communication	<u>Options</u>	W <u>i</u> zard	Window	<u>H</u> elp		
3	Comm	unication	Setting			
	Chang	e <u>P</u> LC Ty	rpe	Ctrl	+Alt+M	1
Communication	Setting					
Connection Setu	ıp					
Туре	RS	232		•		
Communication	Setting	_	USB	Serial Port	(COM3)	
COM Port	0	OM1	KINC	O Virtual C	OM (COM	5)
Data Length	7		USB	Serial Port	(COM1)	
Parity	Eve	n	•			
Stop Bits	1	•	• A	uto-detect	Π	
Baud Rate	960	0 -	•			
Station Addr	ess 1		-	Default		
Ethernet Sett	ing					

Auto-detect	
PLC:	EH3-L
Protocol:	9600, 7, Even, 1
PC COM:	5
Communication mode:	ASCII Detect
Close	successfully

2.2.3Exist pass through

After downloading the PLC project, chose "stop pass through" to exit and the screen will resume working status.

🔊 KDManager					-	- 🗆 ;
Download	d Operate	mmunication Se munication Ty	t pe NetWork			
Upload O	perate IP:	10.8.	0.34	PO	DRT: 21845	
System (Operate Sez	ial NO. NULL			Set	Wi-Fi Set
Get Vers	ion	arameter Setti	ng(PC->HMI)			TABE
Decompi	le Operate	COM5) I	nstall Driver	Uninstall	Driver	© NET
Pass Three	ough	MI IP: 1∪ arameter Setti	. 8 . U . ng(HMI->PLC)	34 Port:	21845	• 05b
Net Pass	Through	Type RS23	2 🔻 Baud Rate	9600 - 1	Parity ev	en 🔻
Virtual (COM Throu	Port COMO	▼ Data Bit	7 • 9	Stop Bit 1	-
	St	art pass throu	igh communication	Stop pass	through com	munication

2.3 Examples of PLC pass through settings

2.3.1 Siemens 200

Open SETO7 software, setting as follows:

设置 PG/PC 接口		×
访问路径 LLDP / DCP PNIO 适面	器 Info	
应用程序访问点(<u>A</u>):		····15···16···17·
Micro/WIN> PC/PPI cable	e.PPI.1	
(STEP 7 的标准设置)		
为使用的接口分配参数(P):		
PC/PPI cable.PPI.1	属性(R)	
疁 <无> 嗯 PC internal.local.1	属性 - PC/PPI cable.PPI.1	×
PC/PPI cable.PPI.1	PPI 本地连接	
PLCSIM.ISO_internal.1	┌ 站参数 ─────	
	地址(A):	
(用户参数分配(已转换))	超时(]):	
	□ 高级 PPI	
	□ 多主站网络(M)	
時白	传输率(<u>R</u>):	9.6 kbps 💌
	最高站地址(<u>H</u>):	31 💌
	确定 默认(D)	取消帮助

2置 PG/PC 接口	×
访问路径 LLDP / DCP PNIO 适配器 Info	
应F 雇性 - PC/PPI cable.PPI.1	×
M ppi 本地连接	
(ST	
为{	
PC	
()	
确定 默认(D) 取消 帮助	
确定取消	帮助
ommunications)
Address	
Local: 0	PC/PPI cable.PPI.1
Remote: 2 v double click	Connect:
PLC Type:	Double-Click
	to Hefresh
J ✓ Update PLC type in project	
Network Parameters	
Interface: PC/PPI cable.PPI.1(COM 1) Protocol: PDI	
Mode: 10-bit	
Highest Station (HSA): 126	
Supports multiple masters	
Set PG/PC Interface	OK Cancel

mmunications							
Address							
Local:	Modem Connection		—		\times	PI.1 available	
Remote:	Select	a connection	u to a remote	station.			
PLC Type:	aut					mber:	
						lick h	
Update PLC type	ein <u>C</u> onnect to:				~		
Network Parameters-	<u>P</u> hone number:						
Interface:	Connect <u>T</u> imeout:		seconds	:			
Protocol:	Connect	Settings		Cancel			
Mode:					_		
Highest Station (HS)					^		
	~'						
Supports multiple	er						
					\sim		
]	
Set PG/PC Inter	face				OK		Cancel
eneral							
- Connections				1			
			<u>A</u> dd				
			<u>R</u> emove	e			
			<u>S</u> ettings				
Current:	No Current connection						
Default:	No Default connection		Set <u>D</u> efa	ult			
Dialing From							
			ne Brandin	1			
			ng <u>P</u> roperties.				
				Class			

lame the connection, select a local mod nodem.	dem, and check the box if you are connecting using a Cell phon
	input a connection name
Type a name you want for this o	connection:
My pass-toroubd connection	
1	
Select the local modem.	

To use a G20 or TC35 Cell Modem as the local modem, install a standard modem on this system so it will appear in the list above. Select it as the local modem and check the box below to obtain specific configuration options in this wizard.

Use this local modern as a Cell phone modern.

Set virtual COM port that u install by KDManager; Baud rate set as 9600 better, its

Add Modem Connection Wizard	\times
Local Connection Name the connection, select a local modem, and check the box if you are connecting using a Cell phone modem.	
<u>Type a name you want for this connection:</u> My pass-tgrouhg connection	
<u>S</u> elect the local modem. Radio/RF Modem ▼ <u>C</u> onfigure	
Radio/RF Modem input virtual serial number × Properties Com port:	
Baud rate: 9600 V Cancel	
Use <u>R</u> TS/CTS	
<prev next=""> Cance</prev>	

Start pass through communication

	KDM	anager	- 🗆 X
	\bigcirc	Download Operate	Communication Set Communication Type NetWork
		Upload Operate	IP: 10.8.0.211 PORT: 21845
	୍ଷ	System Operate	Serial NO. NULL Set Wi-Fi Set
	0	Get Version	Parameter Setting(PC->HMI)
1		Decompile Operate	(COM4) Install Driver Uninstall Driver © NET
	멉	Pass Through	Parameter Setting(HMI->PLC)
	멉	Net Pass Through	Type RS485- * Baud Rate 9600 * Parity even *
	71	Virtual COM Throu	Koop the HUT displayed nerveally
			Start pass through communication Stop pass through communication
			< K NEXT>> Exit

Click "connect"

Modem Connection		_		\times
Select	a connection to a m	remote	station.	
<u>C</u> onnect to:	My pass-ta	rouhg	connecti	• 🔻
Phone number:				
Connect <u>T</u> imeout:	90 s	econds		
Connect	Settings		Cancel	L
Connect	Settings		Cancel	<u>^</u>
Connect	Settings		Cancel	^
Connect	Settings		Cancel	^
Connect	<u>S</u> ettings		Cancel	^
Connect	<u>S</u> ettings		Cancel	^

Address	0	PC/PPI cable.PPI.1
Lucal.	2	Radio/RF Modem
Hemole:		Disconnect: My pass-tgrouhg
PLC Type:		
		to Refresh
Update PLC type in pro	ject	
Network Parameters		
Interface:	PC/PPI cable.PPI.1(COM 4)	
Protocol:	PPI	
Mode:	11-bit	
Highest Station (HSA):	126	
Supports multiple mast	ers	

2.3.2 Siemens 300

Note: This transparent transmission only supports the PC adapter line for communication transparent transmission.

KDmanager settings: only the following parameters can be used for transparent transmission

🔊 KDM	anager	— — ×						
\bigcirc	Download Operate	ommunication Set ommunication Type NetWork						
	Upload Operate	IP: 10.8.0.238 PORT: 21845						
୍ଷି	System Operate	Serial NO. NULL Set Wi-Fi Set						
۵	Get Version	Parameter Setting(PC->HML)						
	Decompile Operate	(COM3) Install Driver Uninstall Driver © NET						
멉	Pass Through	HML IF: 10 0 . 0 . 230 Fort. 21040 0000 Parameter Setting(HMI->PLC)						
뫼	Net Pass Through	Type RS232 * Baud Rate 38400 * Parity odd *						
뫼	Virtual COM Throu Keep the HMI displayed normally							
		Start pass through communication Stop pass through communication						
		< K NEXT>> Exit						

PLC Settings:





Select Node	Address								
Which module d	do you want to	o reach?							
<u>R</u> ack:	0 :								
Target Station	SLot: 0 == Target Station: © Local								
Enter connec	tion to targe	t station:	ans or gaters	-)					
MPT oddrore	CPU 212	Station Dama	CPH 212	Plant d	lesignation				
2	CF0 512	SIMAILC 5	CF0 312						
Accessible Nod	les								
2	CPU 312	SIMATIC 3	CPU 312						
		Update							
OK				Cancel	Help				

2.3.3 Kinco PLC KDmanager settings:

📴 KDM	lanager	- 🗆 X
\bigcirc	Download Operate	Communication Set
\bigcirc	Upload Operate	IP: 10.8.2.230 PORT: 21845
P	System Operate	Serial NO. NULL Set Wi-Fi Set
യ	Get Version	Parameter Setting(PC->HML)
	Decompile Operate	(COM3) Install Driver Uninstall Driver C USB
멉	Pass Through	HMI IP: 10 8 2 230 Port: 21844 C UDI © TCP Parameter Setting(HMI->PLC)
뮙	Net Pass Through	Type RS232 - Baud Rate 9600 - Parity none - Port COMO - Data Bit 8 - Stop Bit 1 -
뮙	Virtual COM Throu	✓ Keep the project working
11	Bridged Net Pass Through	Start pass through communication Stop pass through communication
		< K NEXT>> Exit

PLC settings:

::8	⁴ KincoBuilder V8.1.0.6										
1	<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	P <u>r</u> oject	<u>L</u> D	<u>P</u> LC	<u>D</u> ebug	Tools	<u>W</u> indow	<u>H</u> elp	
1	D 🖻	0	1 X	B B	略言	6	~ 🖬 °	Op	otions		
1	Works	pace				ţ	7	Co	mmunicati	ons	

User library settings	Simulation Settings
General	Cross Reference Options
efaults	
Programming <u>L</u>	anguage: LD ~
CPU Type for New	Projects: K504-14AR ~
teger Format while Mo	nitoring
Mixed () DEC () HEX
thers	
Record log(Need ad	lministrator)
✓ Open RS232 for syn	chronous I/O
Fast serial communic	cation cancel this

Jum Fort		
Address		Auto-detecting
<u>R</u> emote:	1 ~	
	Virtual CO	DM3 📇 🔤
-Local Param	eters	
Port	com s 🗸 🗸	
<u>B</u> audrate	9600 🗸	Slave ID range:
Paritu	None	1 ~ 127 ~
<u>-</u> -,		
<u>D</u> ata Dits	8 ~	St <u>a</u> rt S <u>t</u> op
<u>S</u> top Bits	: 1 ~	
)Use Etherne	t Port	
Ethernet		

2.3.4 Unitronics PLC

KDManager settings

🗾 KDM	anager	
\Box	Download Operate	Communication Set
	Upload Operate	IP: 10.8.0.185 PORT: 21845
j.	System Operate	Serial NO. MULL HMI Virtual Set Wi-Fi Set
0	Get Version	Parameter Setting(PC->HMI)
	Decompile Operate	(COM5) Install Driver Uninstall Driver © NET
1	Pass Through	HMI IP: 10 8 0 . 185 Port: 21845 0.55 Parameter Setting(HMI->PLC)
H	Net Pass Through	Type RS232 * Baud Rate 57600 * Parity none * Port COMO * Data Bit 8 * Stop Bit 1 *
	Virtual COM Throu	▼ Keep the HMI displayed normally
		Start pass through communication Stop pass through communication
		K NEXT>>

VisiLogic settings

Communication - PC settings
Select Connection Type: Serial
PC Port: COM 5
TimeOut: 30 sec 💌 Retries: 12 💌
Communicate with OPLC C Direct Connection C Within Network (Unit ID)
OPLC Information
Model: Hardware Rev: OS Version:
Get OPLC Information
Exit Help

2.3.5 Megmeet PLC

PLC Settings: MC280

Firstly, you should set the port0 of PLC to Modbus protocol, and then download it to PLC

ystem block										
 Set Time 	Input Filter	Input Point	Advance Setting	Communication Port						
PLC communication port (0) setting										
Fre	eport protocol		Free port setting							
() Modł	ous protocol		Modbus setting							
MCbus Protocol MCbus setting										
PLC communic	ation port (1)) setting —								

PIC串口设罢	默认值
Baud rate 9600	Parity <u> E</u>
Data bits 🛛 🔹	Stop bit
÷ (11 * - 1 *	Clavo
土/ 八 万 武	Sidve ·
305	RTII描式 -
で広保い	1000
王視式的超时时间	
重试次数	0

🔊 KDManager	-
Download Operate	Communication Set
Upload Operate	Communication Type Network
System Operate	PORT: 21043
Get Version	Serial NO. NOLL Set Wi-Fi Set
Decompile Operate	Parameter Setting (PC->HMI)
Pass Through	HMI IP: 10 . 8 . 0 . 69 Port: 21845 C USB
Net Pass Through	Parameter Setting(HMI->PLC)
Virtual COM Throug	Type RS232 • Baud Rate 9600 • Parity even •
	Port COMO • Data Bit 8 • Stop Bit 1 •
	Start pass through communication Stop pass through communication
	< BACK NEXT>> Exit

С	ommunicati	on Config				×	
	Communicat:	ion configur	atior	n of PC ser	ial por	t	
	OProgram	n port pro	P	rogram port s	etting		
	• Modbus	protocol		Modbus sett	ing		
	Important notes: This setting aims at the PC serial port. To set PLC serial port to Modbus, you need to use the System Block and download to the PLC.						
-		OK		Cancel]		
N	Iodbus Prote	ocol					×
		HMI'	s Vi	irtual CO	M	Defau	lt V
	PC serial port setting						
	Serial port for connection						
	Baud rate	9600	~	Parity	Even		•
	Data bit	8	•	Stop bit	1		•
	PLC stati	on no.	1		Ŧ		
	Timeout the main	time of mode	100	0	•	ms	
	Retry tin	ies	3		•		
		OK			Cancel		

2.3.6 XINJIE XPLC

KDmanager Settings:

🔊 KDManager	- 🗆 X
Download Operate	Communication Set
Upload Operate	IP: 10.8.0.69 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	Parameter Setting (PC->HMI)
Pass Through	(COM3) Install Driver Uninstall Driver INFE
Net Pass Through	HMI IP: 10 8 0 . 69 Port: 21845 058 Parameter Setting(HMI->PLC)
Virtual COM Throug	Type RS232 • Baud Rate 19200 • Parity even •
	Keep the HMI displayed normally
	Start pass through communication
	< BACK NEXT>> Exit

PLC Settings

🛄 信捷PLC编程工具软件	
文件(E) 编辑(E) 查找\替换(S) 显示(V) PLC操(E(P) PLC设置(C) Option(O) 窗口(W) 帮助(H)
	通讯方式设置
	TCP/IP设备设置
	→ -〈R〉 -〈S〉 -{ 下戦设置 7 × F8 × F7 F8
	函数功能块列表
□□ 工程	Software serial port setting
	默认解密密码设置
□□ 程序	工程其他设置
	梯形图颜色设置
□. 〒で宿湯柱	■ 指令提示是否开启
Set software COM port 通信串口(C) COM 3 HMI's Virtual COM	波特率(B) ○ 4800BPS ○ 9600BPS ● 19200BPS ○ 38400BPS ○ 115200BPS
奇偶校验(P) ● 无 ○ 奇 ○ 偶	其他设定 8个数据位,1个停止位
网络加王陵 112	
XNet通讯, 检测	确定取消

2.3.7 Mitsubish FXPLC

曫 KDN	Manager		-		×
	Download Operate	-Communication Set Communication Type NetWork]
$\mathbf{\widehat{\mathbf{A}}}$	Upload Operate	IP: 10.8.0.69 PORT: 21845	j		
P	System Operate	Serial NO. NULL Set	Wi-	Fi Set	
	Get Version				
	Decompile Operate	Parameter Setting (PC->HMI)	TYPE -		
뫼	Pass Through	HMI IP: 10 . 8 . 0 . 69 Port: 21845	O US	B	
멉	Net Pass Through	Parameter Setting(HMI->PLC)			
H	Virtual COM Throug	Type RS485-4 * Baud Rate 9600 * Parity e	ven	•	
		Fort COMO • Data Bit 7 • Stop Bit 1		·	1
		Keep the HMI displayed normally	ommunic	ation	
		< BACK NEXT>>		Exit	
法控用的	Connection1				
1月19日10 计算机很 1/F	Serial USB NBT	E Cont CC-Link Ethernet CC IE Field Q S 10 (H) Board Board Board			
	COM COM 3 传	送速度 115.2Kbps			
可编程控 器例 I/1	F F <u>PLC</u> CC 1 <u>Module</u> NET	E Cont CC-Link Ethernet <u>C24</u> (10 (H) Module Module			
	ii iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	算机侧 I/F 串行详细设置 X 博			
		● RS-232C 确定			
其他站指 定	No Specificatio	(包含FX-USB-AW/FX3U-USB-BD) C USB HMI's Virtual COM			
		com请口 Com 3 _ 详细设置			
	时间检查(秒)	等送速度 115.2Kbps ▼			
网络 遺信路径	2				





KDManager		– 🗆 X
Download Operate	Communicati	ion Set
Upload Operate	Communicati	on Type NetWork
System Operate	IP:	10.8.0.238 PORT: 21845
Get Version	Serial NO.	NULL Set Wi-Fi Set
	Parameter	Setting(PC->HMI)
	(COM3)	Install Driver Uninstall Driver © NET
Pass Inrough	HMI IP:	10 . 8 . 0 . 238 Port: 21845 C USB
Net Pass Through	-Parameter	Setting(HMI->PLC)
Virtual COM Throug	Type Port	COMO • Data Bit 8 • Ston Bit 1 •
	Keep the	a HMI displayed normally
	Start pass	through communication Stop pass through communication
		< <back next="">> Exit</back>

SWOD5-FXVPS-E - mk1060-10gm.vps

<u>File Edit View Tools</u>	FX- <u>G</u> M	Parameters Window	<u>H</u> elp	
	<u>W</u> ri	te to FX-GM		
Nonitoring Parameter	<u>R</u> ea	d from FX-GM ify FX-GM data with Prog	jram	
Positioning IO Control Program Numbe	<u>I</u> nit <u>D</u> ia	ialize FX-GM contents gnosis of FX-GM		
Manual Pulse	Clo	se Control of <u>P</u> rogram in	Text >	
Absolute Posi	<u>M</u> o	nitor	>	
∃…⊜N Svstem < >	<u>C</u> or	n Port	01 10	

Select COM Port	×
virtual COM	·
С сож <u>1</u>	OK
© сож <u>2</u>	Cancel
€ сож <u>з</u>	Test
С сом <u>4</u>	Help

2.3.9 Delta AS PLC

KDManager setting

📧 KDManager	– 🗆 X
Download Operate	Communication Set
Upload Operate	IP: 10.8.2.12 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	Parameter Setting(PC->HMI)
Decompile Operate	(COM3) Virtual COM Uninstall Driver © NET
Pass Through	HMI IP: 10 8 2 . 12 Port: 21845 USB Parameter Setting(HMI->PLC)
Net Pass Through	Type RS485- • Baud Rate 9600 • Parity even • Port COMO • Data Bit 7 • Stop Bit 1 •
Virtual COM Throu	Keep the HMI displayed normally
Bridged network port Pass Through	Start pass through communication Stop pass through communication
	< K NEXT>> Exit

COMMGER Setting:

Driver Properties		×
Driver Name Connection Setup Type	Driver2 RS232/422/485	
Communication Protoco		
COM Port	COM5	4
Data Length Parity Stop Bits	7 • e • • 1 •	C RTU
Setup Responding Time Connect Retries Connection Time-Out	9600 •	<u>D</u> efault 3 -
		<u>OK</u> <u>C</u> ancel

ISPSoft Communication Setting

Communicatio	on Setting	×
Driver	Driver2	•
Station Address	s 1 🔻	
IP Address		T
Connection Tar AH CPU Motion Con	get Rack 1 💌	Slot 0 🔻
COMMGR	OK	Close

2.3.10 Delta DVP PLC

KDmanager setting

🙋 KDN	lanager	- D ×
\bigcirc	Download Operate	Communication Set Communication Type NetWork
	Upload Operate	IP: 10.8.0.34 PORT: 21845
?	System Operate	Serial NO. NULL Set Wi-Fi Set
0	Get Version	Parameter Setting(PC->HMI)
	Decompile Operate	(COM5) Install Driver Uninstall Driver © NET HMI IP: 10 8 0 34 Port: 21845 © USB
뭑	Pass Through	Parameter Setting(HMI->PLC)
멉	Net Pass Through	Type RS232 * Baud Rate 9600 * Parity even *
ם	Virtual COM	Port COMD Data Bit 7 Stop Bit 1 Start pass through communication Stop pass through communication

PLC programming software set virtual serial port to upload and download programs Open Delta WPLSoft programming software , Option-Communication setting, COM port chose Virtual COM5

C	ommu	micat	tion	<u>Option</u>	Wizard	Window	<u>H</u> elp		
3		Q,	٩	¶ <u>c</u> ∘	nmunicatio	n Setting			
		1		Ch	ange <u>P</u> LC T	ype	Ctrl	+Alt+M	1

ommunication Setti	ng	
Connection Setup		
Туре	RS232	•
Communication Setti	use Use	3 Serial Port (COM3)
COM Port	COM1 KIN	ICO Virtual COM (COM5)
Data Length	7 USE	3 Serial Port (COM1)
Parity	Even	
Stop Bits	1 -	Auto-detect
Baud Rate	9600 👻	
Station Address	1	Default
Ethernet Setting		
Auto-detect		
FLC:	EH3-L	
Protocol:	9600, 7, Even, 1	
FC COM:	5	
Communication mod	e: ASCII Detect successfully se	

2.3.11 Omron CP PLC

KDmanager settings: Note that regardless of the communication baud rate between the screen and the PLC, the Omron CP serial port transparent transmission baud rate can only be 9600, otherwise the transparent transmission will not succeed.

😥 KDManager	- X
Download Operate	Communication Set Communication Type NetWork
Upload Operate	IP: 10.8.0.250 PORT: 21845
System Operate	Serial NO. NULL Set Wi-Fi Set
Get Version	Parameter Setting(PC->HMI)
Decompile Operate	(COM4) Install Driver Uninstall Driver O USB
Pass Through	HML IF: 10 8 0 250 Fort: 21844 O UDF(* TCP) Parameter Setting(HMI->PLC)
Net Pass Through	Type RS232 • Baud Rate 9600 • Parity even •
Virtual COM Throu	Keep the project working
Bridged Net Pass Through	Start pass through communication Stop pass through communication
	< BACK NEXT>> Exit

PLC software setting: Take Omron CP1E model as an example

Open the software network settings and modify it to SYSMAC WAY, set the port number and modify it to the virtual serial port number

受更PLC × ・]
设备名称 device name	
	L.
して 设备类型 device type の の の の の の の の の の の の の の の の の の の	
CPIE	
SYSMAC WAY ・ 设定(E)setting	
网络 驱动 调制解调器	
波特率(<u>R</u>) 9600 ▼ 奇偶校验(P): Even ▼	
baud rate parity check	
「自动检测波特率」 停止位(S): 2 ▼	
stop hit	
acop bic	
缺省(<u>D</u>)	

CPM2AH settings are the same as CP series

2.3.12 Inovance H2U

KDmanager settings:

Wpload Operate System Operate System Operate Get Version Compile Operate Net Pass Through Parameter Setting(PC->HMI) Parameter Setting(PC->HMI) Parameter Setting(PC->HMI) Parameter Setting(PC->HMI) Parameter Setting(PC->HMI) Parameter Setting(HMI->PLC) Parameter Setting(HMI->PLC) Parameter Setting(HMI->PLC) Port COMO • Data Bit 7 • Stop Bit 1 • Resp the project working	Downloa	ad Operate	-Communicat Communicat	ion Set	k			
System Operate Get Version Cool Get Version Cool Decompile Operate Net Pass Through Parameter Setting(PC->HMI) Parameter Setting(PC->HMI) TYPE Cool Install Driver Uninstall Driver Net Pass Through Parameter Setting(HMI->PLC) Type RS485- * Port COMO * Data Bit 7 * Stop Bit Keep the project working	Opload	Operate	IP:	10. 8. 3. 74		PORT: 2	1845	
Get Version Image: Setting (PC->HNI) Image: Setting (HMI->PLC) Type RS485- * Baud Rate 9600 * Parity even * Port COMO * Data Bit 7 * Stop Bit 1 * Image: Setting (PC->HNI) * Keep the project working	🔅 System	Operate	Serial NO.	NULL		Set	Wi-	Fi Set
Image: Complex Operate Image: Complex Operate Image: Complex Opera	Get Ver	sion	Parameter	Setting(PC->HMD	[)			
Net Pass Through Virtual COM Throu Parameter Setting(HMI->PLC) Type RS485- * Baud Rate 9600 * Parity even * Port COMO * Data Bit 7 * Stop Bit * Keep the project working * * *	Deceme	the One sure to	(COM3)	Install Dri	iver Ur	ninstall Driver	C USB	
Virtual COM Throu Type RS485- * Baud Rate 9600 * Parity even * Port COMO * Data Bit 7 * Stop Bit 1 * Bridged Net Pass Through Keep the project working	Decomp	olle Operate		10 8	3 74	Port: 21844	C 100	5 mon
Bridged Net Pass Through	Net Pas	s Through	HMI IP: Parameter	10 . 8 . Setting(HMI->PI	3.74 x)	Port: 21844	Cup	• TCP
Start pass through communication Stop pass through communicatio	Net Pas	s Through	HMI IP: -Parameter Type Port	10 . 8 . Setting(HMI->PI RS485- • Bau COMO • Daj	3 . 74 C) 1d Rate 9600 ta Bit 7	Port: 21844	even	• TCP

PLC software settings:

Note: AtuoShop version must be after V3.02. The previous virtual serial port connection was unsuccessful.

□	M800	о моv	K1 I	D8126]		
	Fri42.2					
🖮 🛄 MAIN	COMPARE A					
	CONTERNA	PAXEDEL				~
	COM1设	置				
MAIN		通信设置操作				
── 🔁 交叉引用表						
	1 P	议选择		H/W 35 70		
		HMI监控协议	\sim	RS485	\sim	
	45.2		monitoring	nrotocol		
□… 📑 通讯配置	195		monitoring	protocol		
	ì	囿讯速率:	9600 ~	站뮹:	1 1~255	
<mark>)</mark> COM1(HMI监控协议)						
COM2	1	刘据长度:	7位 ~	通讯超时:	10 ×10ms (1~255)	
СОМЗ			-			
	Ŧ	奇偶校验位:	偶 ~	传送顺序:	格式1 ~	
野 以太网			4 (2			
	1	亭止位:	1位 ~	和数检查		
		起始符:	2	1 结束符:	3	
	<u> <</u>					
< >	4					

The serial port is set to HMI monitoring protocol, H/W is set to RS485 上程管理 平 × || 网络1 网络注释

Open the AutoShop programming software, Tools-Communication Configuration, select the virtual serial port COM3 for the communication port, click the test successfully, you can upload and download the monitoring PLC.

C(P) 调	武(D) 工	具(T)
$ \times $	A D	
+ -	$\rightarrow \downarrow$ —	↓ - + + + - + + + + + + + + + + + + +
	网络1	网络注释
	通讯设	🖀 Communication settings 🛛 🗙
	网	PC和PLC相连接
	-	🖉 COM3 ~ 別试
	ÞØ	连接的波特率
	网	9600 ~
	网	高延迟模式
		□高延迟模式
		超时时间: 2 秒
		穿透工具
		后约回归牙这上来
		牙透上具使用识明
		主意: 使用穿透工具时,请勾选高延迟模式
		确定取消

3. Bridged network port Pass Through

Note 1: Bridged network port pass through only supports 4G/WIFI, and dual network screen to connect VPN.

Note 2: The file system of the screen or box must be >=18628, if the version lower than this version ,will not support Bridged network port pass through

Note 3 : When start bridged network pass through, the local network segment of the computer cannot be set to the same network segment as the PLC! Otherwise, the network segment of the computer network card driver and the bridged network card driver may conflict to make pass through fail

Note 4: If the PLC IP cannot be pinged after pass through , please check if at least two TAP-9 virtual network cards in computer.

Note 5: When using WIFI to connect to VPN for bridge network port Pass Through, the LAN IP network segment cannot conflict with the WIFI network segment

🔮 网络连接			- ×
← → ~ ↑ 👰 > 控制面板 > 网络和	Internet > 网络连接 >	> < < < > < < < > < < < < < < < < < <	م
組织 ▼			₩ ₩ ₩ ₹
VMware Network Adapter VMnet1 已禁用	VMware Network Adapter VMnet8 已禁用	WLAN 未连接 Realtek RTL8821CE 802.11	本地连接 本地连接 4 TAP-Windows Adapter V9
本地连接 3 本地连接 3 2 TAP-Windows Adapter V9	蓝牙网络连接 已奈用 Bluetooth Device (Person	以太网 Kinco_Guest Realtek PCIe GbE Family C	以太网 2 已禁用 Microsoft KM-TEST Loopb
8 个项目)== (

After installing EdgeAccessViewer application, you need to execute "addtap.bat" as administrator at "C:\Program Files\TAP-Windows"

Wi	ndows (C:) > Program Files >	TAP-Windows > bin		
		修改日期	类型	大小
* * * *	addtap.bat deltapall.bat tapinstall.exe	2020/11/3 17:37 2020/11/3 17:37 2019/10/23 16:58	Windows 批处 Windows 批处 应用程序	1 KB 1 KB 496 KB

3.1 How to set VPN network for Bridged network pass

Х

through

1. 4G screen : Active 4G module in HMI attribute to connect VPN network

HMI Attribute

User Permissions Settin	g	Hi	istorical Ev	ents Storag	e		Print	t Setting
Internet Time Synchroniz	ation/sumn	ner time		COM0 Se	tting		COM	12 Setting
HMI HMI License Setting	НМП	Extended Attribu	utes	HMI System	Information	Text	Securi	ty Levels Setting
Network Setting)
Open ETP_Password	888888			Nel	work Device	Setting		
Activate 4G Module				Data	a Transmissio	n Settino	1	
Network 0 Setting							·	
IP 192.168.0.100	Subnet Mask	255 . 255 . 2	55.0	Default Gateway	192 . 168	. 0 .	1	
Enable DNS	DNS1	0.0.	0.0	DNS2	0.0	. 0 .	0	
Enable DHCP(Slave is not r	ecommend	ed to enable)						
Network 1 Setting								
IP 192.168.1.253	Subnet Mask	255 . 255 . 2	55.0	Default Gateway	192.168	. 0 .	1	
Enable DNS	DNS1	0.0.	0.0	DNS2	0.0	. 0 .	0	
Enable DHCP(Slave is not re	Enable DHCP(Slave is not recommended to enable)							

1. WIFI screen: Enable DHCP, or set static DNS to connect VPN network

HMI Attribute

User Permissions Setting Historical Events Storage Print :							
Internet Time Synchronization	/summer time	COM0 Setting	, C	OM2 Setting	L .	Extended Me	
HMI Task Bar HMI Licens	e Setting HMIEx	tended Attributes	HMI Syste	em Informatio	n Text	Security Level	
Network Setting	- 1						
C Open FTP Password:	888888		Netw	ork Device S	Setting		
Network 0 Setting							
IP 192.168.0.100	Subnet 255 . 2 Mask	255 . 255 . 0	Default Gateway	192 . 168 .	0.	1	
Enable DNS	DNS1 0.	0.0.0	DNS2	0.0	0.	0	
Enable DHCP(Slave is not r	ecommended to ena	ible)					
Network 1 Setting							
IP 192.168.1.253	Subnet 255 . 2 Mask	255 . 255 . 0	Default Gateway	192 . 168 .	0.	1	
Enable DNS	DNS1 0.	0.0.0	DNS2	0.0	. 0 .	0	
Enable DHCP(Slave is not r	ecommended to ena	ible)					
- Wi-Fi Setting							
IP 192.168.2.253	Subnet 255 . 2 Mask	255 . 255 . 0	Default Gateway	192 . 168 .	0.	1	
🔽 Enable DNS	DNS1 0.	0.0.0	DNS2	0.0	0.	0	
Enable DHCP(Slave is not recommended to enable) Activate Wi-Fi							
Display Setting Display mode © Ho	rizontal C Ve	rtical	Fi	ield Bus Setti	ing		

2. Dual network screen: One of the network ports is used to communicate with the PLC, and the other one is connected to the external network to connect to the VPN network by checking DHCP or setting static DNS

HMI Attribute

User Permissions Settin	g	1		Historic	al Ev	ents Storag	je			Ρ	rint Setting
Internet Time Synchroniz	onization/summer time			COM0 Setting			C	DM2 Setting			
HMI HMI License Setting	I HMLE	Extende	ed Attr	ibutes	F	IMI System	n Inform	ation Te	ext	Sec	urity Levels Setting
Network Setting											
Dpen FTP Password:	888888					Ne	twork D	evice S	etting]	
						Data	a Transr	mission	Settin	ig	
Network 0 Setting											
IP 192.168.0.100	Subnet [Mask	255 .	255 .	255 .	0	Default Gateway	192	. 168 .	0	. 1	
Enable DNS	DNS1	0.	0.	0.	0	DNS2	0	. 0 .	0	. 0	
Enable DHCP(Slave is not re	ecommende	ed to er	nable)								
- Network 1 Setting											
IP. 192.168.1.253	Subnet Mask	255 .	255 .	255 .	0	Default Gateway	192	. 168 .	0	. 1	
🗖 Enable DNS	DNS1	0.	0.	0.	0	DNS2	0	. 0 .	0	. 0	
Enable DHCP(Slave is not re	ecommende	ed to er	nable)								
_1//i Ei Colling											

KDmanager Settings:

Open KDManager, Select the Bridged network port pass through, and input an IP that is the same network segment as the PLC and does not conflict, (for example, the PLC' s IP is 192.168.205.113, and the LAN IP is set to 192.168.205.55). Click to start pass through

communication. After pass through successfully, your computer can ping the PLC's IP successfully, and then the PLC software can download the project to the PLC.

Note : When start bridged network pass through, the local network segment of the computer cannot be set to the same network segment as the PLC! Otherwise, the network segment of the computer network card driver and the bridged network card driver may conflict to make pass through fail

🧟 KDM	lanager	- 🗆 X
\bigcirc	Download Operate	Communication Set Communication Type NetWork HMI's VPN IP
	Upload Operate	IP: 10.8.0.132 PORT: 21845
, O	System Operate	Serial NO. NULL Set Wi-Fi Set
യ	Get Version	TANTP. 192 . 168 . 205 . 55 TIP: The same network segment as the target PIC TP(D) fferent network
٢	Decompile Operate	segment from PC) and not used
멉	Pass Through	
멉	Net Pass Through	
멉	Virtual COM Through	V
I	Bridged network port Pass Through	Start pass through communication Stop pass through communication
		< <back next="">> Exit</back>

3.2.1 Schneider M258

For example, M258 PLC's IP is 192.168.205.113, and your computer's local network IP is not the same network segment

KDmanager Settings: Input a LAN IP, to the same network segment as the PLC and this IP is not occupied by other devices

🔝 KDM	lanager	- 🗆 X
\bigcirc	Download Operate	Communication Set Communication Type NetWork
\bigcirc	Upload Operate	IP: 10.8.0.132 PORT: 21845
S	System Operate	Serial NO. NULL Set Wi-Fi Set
۵	Get Version	TIP: The same network segment as the
\bigcirc	Decompile Operate	LANIF: target FLL IF(Uifferent network segment from PC) and not used
멉	Pass Through	
멉	Net Pass Through	
뮙	Virtual COM Through	
멉	Bridged network port Pass Through	Start pass through communication Stop pass through communication
		< BACK NEXT>> Exit

Open PLC software, Set online mode to active path

☆ 22?								
<u>File E</u> dit <u>V</u> iew	Proj	ect [<u>B</u> uild	<u>O</u> nline	<u>D</u> ebug	<u>T</u> ools	<u>W</u> indow <u>H</u> elp	
🗿 い ca 🐰	眚	Add (Object	t		•	🏥 😋 🧐	▶ . Ç≣
		Add [<u>D</u> evice	····				
Applications tree		<u>S</u> can	For D	evices			1yController	K 📑 Symb
		Upda	ate De	vice			ication Settings	Applications
B B test		Add [<u>Folder</u>					
	ß	Edit (Object				t the network pa	th to the contro
GVL		Edit (<u>O</u> bject	With			way-1	
🖃 🎆 Task		Set A	Active	Applicatio	n		💑 Gateway-1	
⊟ - \$ I	i	<u>Proj</u> e	ect Info	ormation.				
	B	P <u>r</u> oje	ect Set	tings				
Global	8	Docu	ment.				Γ	
- FOO	Ð	Com	pare					
		Expo	rt					
		Impo	rt					
		User	Mana	geme <u>n</u> t		•		
		Mass	Stora	ge (USB (or SDCard)		



Scan network

MyController 🗙 📲 Symbol configuration	PC	U			
Communication Settings Applications Files Log	PLC settings	Services	I/O Mapping	Task deployment	Users and Group
Select the network path to the controller: Gateway-1 Gateway-1 TM258LD42DT @0080F440A099	[0000.D071] ((active)	1/O Mapping		Set active path Add gateway Add device Scan network Iter : Target ID Target ID Target ID Target IV

3.2.2 Schneider M200

KDmanager settings

For example, M258 PLC's IP is 192.168.1.201, and your computer's local network IP is not the same network segment

KDmanager Settings: Input a LAN IP, to the same network segment as the PLC and this IP is not occupied by other devices

🖉 KDMana	iger)
Do	wnload Operate	Communication Set Communication Type NetWork	-
😡 Up	load Operate	IP: 10.8.0.132 PORT: 21845	
Sys	stem Operate	Serial NO. NULL Set Wi-Fi Set	
Ge Ge	t Version	TIP: The same network segment as th	.e
De	compile Operate	LAMIT	
🔢 Pas	ss Through		
🔢 Ne	t Pass Through		
TI Virt	tual COM Through		
Bri po	idged network rt Pass Through	Start pass through communication Stop pass through communication	
		< BACK NEXT>> Exi	t

PLC settings

ŝ	Bco @truxure Machine Expert	- Ba	*新项目 sic 🗅 🖻	 * * •	B 6 • ∂ • ∲	No error Not Connecte ⑦ ▼ ▷ □ √ 192.168.1.201 ▼ ♥	d ⊕
Prop	erties	•	Configuration		Programming	Commissioning	
~	Commissioning			Local Devices 🕋 🔧	Filter COM ports	Ethernet Devices 🔗 🔧 👁 🛃 Filter detected de	evice
	Connect			COM3		192.168.1.201	
	Controller Update				FLC IF	L	
	Memory Management					Address defined in configuration	
	Controller Info					Address defined in configuration	

3.2.3 Inovance AM600

For example, M258 PLC's IP is 192.168.0.52, and your computer's local network IP is not the same network segment

KDmanager Settings: Input a LAN IP, to the same network segment as the PLC and this IP is not occupied by other devices

🔝 KDM	lanager	- D X
\bigcirc	Download Operate	Communication Set
	Upload Operate	IP: 10.8.0.132 PORT: 21845
J.	System Operate	Serial NO. NULL Set Wi-Fi Set
0	Get Version	TIP: The same network segment as the
	Decompile Operate	LANIF: Target FLL If (Different network segment from PC) and not used
멉	Pass Through	
멉	Net Pass Through	
멉	Virtual COM Through	
Ħ	Bridged network port Pass Through	Start pass through communication Stop pass through communication
		< Exit Exit

Open PLC software

🔐 Untitled3.project - InoProShop(V1.4.5)	—						
<u>File Edit View Project Build Online Debug Tools Window H</u> elp							
🎦 🚔 🔚 🎒 🗠 🗠 🌾 🏗 🗶 🖓 🌿 🎼 🏪 - 🕤 🏙 🥰 🍳	🎽 🕨 📲 🖓 🖓 = 📲 🖆 👘 📕						
Devices - 4 X Device X							
Untitled3 Communication Settings Scan network Gateway - Device -							
Select Device	×						
Select the network path to the controller:							
표 🙀 🖕 Gateway-1	Device Name: Scan network						
	Gateway-1 Wink						
	Driver:						
	ITCP/IP						

Scan network

Select Device

🖃 💑 Gateway-1(Scanning)	Device Name:
[] AM401-CPU1608TP [0000.B034]	AM401-CPU16
	Device Address:
	0000.B034
	Target ID:
	10F4 0004
	Tarnet Type

3.2.6 Rockwell compactlogix 1769

PLC's IP: 192.168.1.10, and make sure your computer's local network IP is not the same network segment

KDmanager Settings:

🔝 KDManager		– 🗆 X
Download Operate	Communication Set	
Upload Operate	IP: 10.8.0.132 PORT:	21845
System Operate	Serial NO. NULL Se	t Wi-Fi Set
Get Version	192 168 1 55 TIP: The same net	work segment as the
Decompile Operate	LANIF: 100 100 1 1 000 target PLC IP(D) segment from PC)	fferent network and not used
Pass Through		
Net Pass Through		
Virtual COM Through		~
Bridged network port Pass Through	↓ Keep the HMI displayed normally Start pass through communication Stop pass three	ough communication
	< BACK NEX	T>> Exit

PLC Software settings: Open RSLinx Classic



Set PLC 's IP for connection IP

RSWho - 1	Configu	ure driver:	AB_ETH-1	?	×
Autobrowse Refresh	Statio	on Mappin	g		
□ 品 Linx Gateways, Etherne	St	tation	Host Name	Add New	
更᠃諸 AB_ETH-1, Ethernet 更᠃諸 AB_ETHIP-1, Ethernet	0		192.168.1.10	Delete	
	03	3	Driver	 Delete	4

Waiting for seconds to scan this PLC


🗭 RSLogix 5000 - a [1769-L30ER 20.12]						
<u>File Edit View S</u> earch Logic	Communications Tools	<u>Wi</u> ndow <u>H</u> elp				
🗎 🚅 🖬 🎒 X 🖻 🖻 🗸	Who Active					
Offline 🛛 🗸 🗖 RUN	Select Recent Path	AB ETHIP-1\192.168.1.10*				
No Forces	<u>G</u> o Online					
No Edits 🔒 🗖 1/0	<u>U</u> pload					
	<u>D</u> ownload	vorites 🖌 Add-On 👗 Safety 👗 Alarm				
Offline No Forces	<u>P</u> rogram Mode	[] 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
No Edits 🔹 Forces Disable	<u>R</u> un Mode					
Who Active Autobrowse Refresh Workstation, SH-RD-0034 金器 Linx Gateways, Ethernet 金器 AB_ETH-1. Ethernet 日子子子 AB_ETHP-1, Ethernet 金子子 AB_VBP-1, 1789-A17/A Virtual	OGIX5330ER, a	X <u>Go Online</u> <u>Upload</u> <u>Download</u> Update <u>F</u> irmware <u>C</u> lose Help				

3.2.7Beckhoff

PLC (*CX9020*) *IP*:192.168.200.16, and make sure your computer's local network IP is not the same network segment, LANIP is HMI IP

KDManager Settings:

😵 KDManager						
Download Operate	Communication Set					
Upload Operate	IP: 10.8.3.131 PORT: 21845					
System Operate	Serial NO. NULL Set Wi-Fi Set					
Get Version	IANTP. 192 . 168 . 200 . 180 TIP: The same network segment as the					
Decompile Operate	segment from PC) and not used					
Net Pass Through	Initialize network information HMI IP Get HMI information Send the bridged network port transparent transmission command The HMI server was successfully built					
Virtual COM Through	Virtual COM Through Bridged Net pass Through Ubtain and configure VFN client information Start the VFN client Transparent connection The client connects to the server successfully					
Bridged Net Pass Through						
	Start pass through communication Stop pass through communication					
	<					

PLC Settings:

General C	1 77 1			
General Settings Addit:	onal Files			
Vers	am Manager Ch (2002) Target System	oose Target	22	
Eng:	<local> (192.168.200.120.1.1)</local>	ОК		
Add Route	Dialog	Canadi		
Enter Host N	ame / IP: 192.168.200.16	Refresh Status	Broadcast Search	
Host Name CX-2DDF23	Connected Address AMS N x 192.168.200.16	IetId TwinCAT OS Version F 6.84.1.1 3.1.4024 Win CE (7.0) A	ingerprint EAF08ABA10B8725D1273F86677	
🔳 Add Remote	Route		×	
Secure ADS	(TwinCAT 3.1 >= 4024)			
Remote User Cr	edentials			
User:	Administrator	Password:		
		📃 TwinC	AT 2.x Password Format	
			OK Cancel	
		Project	O None / Server	
整个解决方: Address Info:	192 168 200 16	 Static 	Static	
说: ① Host Nar	ne IP Address	Temporary	Temporary	
0 202 Connection Tin	neout (s): 5	Advanced Settings	s 🔲 Unidirectional	
202 Max Fragment	Size (kByte): 0	Add Route	Close	
initi				
Servo_Jog	GVL Servo_Alarn	n_KSI Servo_Hoi	me IESI 🕾 🗙	
Current Router	And a Proto Proto A Pr	N + T I II		
Curent notices	static noutes froject no	outes Metid Management		
Route	AmsNetId	Address	Type MaxFragm	
BAC-JACKTU-L	192.168.37.1.1.1	10. 42. 16. 61	TCP_IP	
BACN-RECHARDGA	0 10.42.133.49.1.1	169.254.130.20	TCP_IP	
BACN-LUJIEXIA	192.168.59.1.1.1	169.254.67.99	TCP_IP	
BAC-ZHENYUSHI BAC-YTAOCHENEY	10.41.32.20.1.1	169.254.139.232	IUF_IF TCP TP	
	192 168 200 180 1 1	199.234.03.139	TCP TP	
PLC	192, 168, 200, 16, 1, 1	192, 168, 200, 16	TCP IP	
SH-RD-0046	192.168.200.120.1.1	192.168.200.120	TCP_IP	
			_	

3.2.8Communicate with PLC by "UDP" protocol

For example, when communicating with a UDP network protocol like Omron, the LAN IP must be filled with the screen's wired network port IP. Otherwise, although the PLC can successfully connect with the PLC software during pass-through transmission, the communication between the screen and the PLC will be disconnected.

OMRON C Ser	ries
OMRON CJ Se	eries Ethernet(TCP Slave)
OMRON CJ/C	S/NJ/NX Series Etherne <mark>(</mark> UDP Slave)
OMRON CJ/C	S/NX Series Host Link
OMRON CP S	eries Ethernet(UDP Slave)
OMRON CP S	eries Host Link
OMRON CPM	Series Host Link
OMRON E5CN	V/E5EZ/E5ZN

For example:HMI IP:192.168.250.100,PLC IP:192.168.250.2

	F	GT070	E-WiFi		12 10 OMRC	PI DN CJ/CS/N	LC_0_2 I/NX Serie	es Ethernel	:(UDP Slave)
l	II N	Network Device Setting							
Ш	Dev	/ice	IP Addr		Port	Protocol			
	HMI PLC	0 C_0_2	192.168.250.1 _2 192.168.250.2		9600 9600	OMRON CJ/C OMRON CJ/C	S/NJ/NX Se S/NJ/NX Se	ries Ethernet ries Ethernet	UDP (UDP Slave)
ð	KDM	lanager							- 🗆 ×
	Θ	Downloa Upload (od Operate Operate	-Commun Commun IP:	ication Set— ication Type 10.8.0.3	NetWork	'PN IP	PORT: 21845	5
	System Operate Get Version Coo Decompile Operate HMI's IP			NO. NULL			Set	Wi-Fi Set	
				3 . 250 . 100	TIP:The s target PL	ame network £ IP(Differe	segment as the nt network		
					HMI's I	Р	segment f	from PC) and :	not used
	11	Net Pass	5 Through						
	11	Virtual C	OM Through						
	坧	Bridged Pass Th	l Net rough	🔽 Ke	ep the projec	t working			~
				Start	pass through	communication	Stop p	ass through (communication
							< <back< th=""><th>NEXT>></th><th>Exit</th></back<>	NEXT>>	Exit