

Industrial Gateway

Remotely Download PLC Program

1. Remotely download PLC program via LAN port

1.1 Open BLIIoT IoT gateway configuration software, click "Search", search for BL102

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1.2 Select the device to be configured and double-click to log in

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1.3 The default login password is 123456

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1.4 Configure the gateway network port to collect PLC, remote download only supports PLC under LAN port. The IP address of the example S7-200SMART is 192.168.5.16, so click LAN to change the IP address to 192.168.5.1 and click OK.

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1.5 Click LAN, right click to add device, device name user-defined, IP is the IP address of S7-200SMART PLC, port fixed to 102, select S7_200SMART_E. Click OK.

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1.6 Data points must be added, in the blank box on the right, right click to add the data to be collected. For example, add the Q0.0 data point.

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1.7 Click Advances Settings, enable the BLRMS function. Copy the Token generated in the BLRMS system to the user token input box.

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	Device Waiting :				
A Data Services	Online Time (s) 60				
	Password	Gateway Management Platform			
	Default Password : 123456	BLRMS Enable Enable 1 Hour			
	Old Password	URL my-rtu.com:/901			
	New Password	User Token F4EBFA262F1159D63AB45			
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1.8 Since multiple devices are allowed under one account, so please change the device name to distinguish it from others.

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1.9 The gateway configuration changes take effect after you click Write Configuration.

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1.10 Re-login the configuration software to see if the acquisition of the S7-200SMART is successful, the status will change to green if successful.

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Note: The steps 1-10 above are all based on the gateway and computer being on the same LAN, or the computer being directly connected to the gateway for configuration.

1.11	Log in to BLRMS	S to see if a nev	v gateway device	has been ad	ded and i	s online.

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		Online	2023-08-08	Edit Delete										
		2	1EFA3F3C8EBF4EBFA262F1159D63AB45_远程升级1	Route	R40B	v1.32.1	hyq1		Offline	2022-12-08	Edit Delete			
		3	1EFA3F3C8EBF4EBFA262F1159D63AB45_網试測成2	Route	R40B	v1.32.1	hyq1		Offline	2022-12-08	Edit Delete			
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	Please visit our website at www.8LIIOT.cn for more information													



1.12 Open the EthernetPassthrough folder provided by BLIIoT, click G tap-windows-9.21.2 to install the

virtual NIC, the installation path should be default.

→ * ↑	PLC远程下载 > EthernetPassthrough			2	v ₽	Search EthernetPassthrough	
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Quick access	bin	08/08/2023 14:34	File folder				
OneDrive	readme.txt	08/08/2023 14:33	Text Document	1 KB			
WPS网盘	😡 tap-windows-9.21.2.exe	08/08/2023 14:33	Application	251 KB			
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1.13 Once installed, you can view the addition of a new network device inside Network Connections.

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1.14 Open the BLIIoT Gateway Configuration Software. The Gateway Configuration Software should be in the same folder as the EthernetPassthrough folder.

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Quick access	Name	Date modified	Туре	Size			
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1.15 Click BLRMS

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1.16 Enter the user name and password for logging into the BLRMS system. Select the gateway you want to operate, the gateway must be online. If it is not online, please check the network of the gateway or contact BLIIoT after-sales service.

Select Remote Passthrough mode, Netport channel. IP and port is the PLC IP and port, that is, the PLC parameter configuration items filled in the gateway configuration software.

Click Start Remote Passthrough, the gateway will stop collecting data from PLC.

About
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1.17 To determine whether the remote PLC download function has been used successfully, you can check whether the previously installed network device has been assigned an IP address in the same network segment as the PLC.





1.18 Open Siemens STEP7 software, click Communications, select the installed network card TAP-Windows Adapter V9.TCPIP.Auto.1, search for PLC, find the PLC you want to download remotely and click OK.

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1.19 After successful communication, it supports all operations of direct connection between PC and PLC, such as reading the program of PLC and clicking upload.

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1.20 The program read to the PLC is shown below

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1.21 Make changes to the PLC program, such as adding I0.2 closure to control Q0.2 closure.

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1.22 Click Download to download the program to the PLC.

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1.23 Check if the PLC program was downloaded successfully, create a new project, re-communicate, and click upload to see if the program is the one you just downloaded.

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- Bavorites	2 Enter comment	
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	5 Signed	
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Project Tree	INS © Connected 192,163,5,16 RUN	100%
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1.24 Stop remote passthrough, click the Start Remote Passthrough button and click disconnect. Only then will the gateway resume data collection from the PLC.

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earch	Clear	Impor		BLRMS					中文	Help	Abou
Non			Disclaimer We do not assume any the use of BLRMS service	responsibility for	problems ari	sing from		日志信息打印			
			User hyq1	Password	••••	•	Log in	[2023/8/9 11:38:47]]		
			Gateway [V1.1.3.15]_PLC_On	line_d73f9d5ed348	4bf1a972ddb	68 ~		で11.515]_FCC_ 在後 d73f9d5ed3484bf1a972ddb6840			
			Mod	e Remote Passt	hrough ~						
			Remote Passthrough Channe	el Netpor	t v			[2023/8/9 11:38:47] Current devicelist:			
		7	SerialPort Device	Netport	Device			[V1.1.3.15]_PLC_在线_d73f9d5ed3484bf1a972ddb6840			
			Gateway COM		IP 19 Port	92.168.5.16 102	;	[2023/8/9 11:39:09] Passthrough send: 230001C0A805100066E42A0000000000000000000			
			Star	t Remote Passthrou	ıgh			[2023/8/9 11:39:11] Recv: {			
			Remote Configuration	Ú.				"1EFA3F3C8EBF4EBFA262F1159D63AB45_d73f9d5ed3484b f1a972ddb6840", "tollid": "1EFA3E2C8EBF4EBFA262F1159D63AB45_cost"			
			Read Confi	g. Wi	rite Config.			"message": "2208032AEFEFEFEFEFEFEFE00000000000000000000000			
			Remote Firmware Upgrade	irmwara Unarada				\"d73f9d5ed3484bf1a972ddb6840\",\"port\":\"15002\", \"result\":\"is running\"} " }			
		_		innuic opgiude				[2023/8/9 11:39:11]			
		25			Disconn	ect	Return]			
						_	-		-		



2 Remotely download PLC program via serial port

Search for gateway and login configuration software refer to 1.1 and 1.2

2.1 Click COM1 to configure the parameters of PLC COM, such as Mitsubishi FX3U, select Mitsubishi FX3U, and the default COM parameters are 9600, 7, 1, Even.

BLIIOT BeiLai Industrial Gateway	www.BLIIoT.com V1.2	2.1					ΟX
Search Clear Import Export Read	Config. Write Config.	Monitor	Log			中文 Help	(i) About
	Variable Name	Address Type Ac Serial Port S Mode Selection C C ol Settings Device Brand M Device Model C Port Settings Baud 9600 • rop Bit 1 •	idress Value ettings Collection • fitsubishi • FX3U • Data Bits 7 Parity Bit Even OK Ca	Unit Data type	Varibale Key	Map Address	Ratio

2.2 Click COM1, right click to add device.

Clear Import Export Read Config. Write Config. Monitor BLRMS Det The BL102Pro Variable Name Address Type Address Value Unit Data type Varibale Key Map Address	elp About
H BL102Pro Address Type Address Value Unit Data type Varibale Key Map Address	Ratio
Image: Comparison of the compariso	



2.3 Add the data points to be collected from the Mitsubishi FX3U PLC, for example, add the Y0 data point, Y0 is octal, so select octal.

BLIIOT BeiLai Industrial Gatew	ay www.BL	lloT.com V1.2.1				- 🗇 X
						(i) ?
Search Clear Import Export Rea	d Config. N	Write Config. Mo	onitor BLRMS	Log		中文 Help About
ப் நீBL102Pro	Variab	le Name Ade	Iress Type 🛛 🗛	Idress Value Unit	Data type Varibale	Key Map Address Ratio
E-@COM1	TAG001	γ	0		bool REG001	0(M.000001) none
-⊕ FX3U						
Canalan			Va	riable Properties		
	SDLEE	-				Contract of the local division of the
—('Ă') 4G		Variable Name	TAG001	Varibale Key	REG001	
□ <u></u> <u> </u>		OCT/DEC/HEX	Octal	•		
└─� OpenVPN		Address Type	Y	▼ Address	0	
	E	Data type	bool	 Add Number 	0	
		Read/Write	Read/Write	▼ Ratio	none	
		Map Address	0	Variable Unit		
				*02	0475-6677 []354	
				~02		
	BUIDGING				OK Cancel	
E-OCloud						
 → ♥ MQTT Client						
- 🖓 MQTT Client II						
- 🗘 Ali IoT						
- O HUAWEI IOT	-					
	*					

2.4 Click Advances Settings, enable the BLRMS function. Copy the Token generated in the BLRMS system to the user token input box.

BLIIOT BeiLai Industrial Gatewa	ay www.BLIIoT.com V1.2.1		- 🗆 X
	1 🎍 🔘 🔇		(i)
Search Clear Import Export Read	Confia Mirito Confia Manitor DIDI	d Sottings	中文 Help About
- AWAN	- Driveto Notwork	- Natural Diagnostics	Varibale Key Map Address Ratio
		Network Diagnostics	0. 0(M.000001) none
<u> </u>	Private Network NULL		
L WN VPN	Keepalive IP		
-	NTP Server cn.pool.ntp.org 🔻		
一賞,Alarms		Ping 192.168.1.1	and the second second second second
	Device Waiting :		
DataServices	Online Time (s) 60		
- Pass Through			
] []	
	Password	Gateway Management Platform	
- @ Modbus TCP Server		· · · · · · · · · · · · · · · · · · ·	
-SOPC UA			
E OCloud	Default Password : 123456	BLRMS Enable 🚺 Enable 1 Hour	
- @ MQTT Client	Old Password	URL my-rtu.com:7901	
- @ MQTT Client II	New Password	User Token 1EFA3F3C8EBF4EBFA262F:	
- @ Ali IoT			
- MAWS INT			
Q Reil ai IoT		OK Cancel	
			-
- Of Advanced Setting			



2.5 The gateway configuration changes take effect after you click Write Configuration.

Gear BL	IIoT BeiLai	Indust	trial G	ateway	/ www.B	LIIoT.com	V1.2.1	1									
Soarch		ort E		Poad	Config	Write Con	fig	() Monitor									() About
			xport				ing	Worker	DERING	Log			1		17	Therp	, iboui
						Name		Value	•		Cloud	Status	Port		Device Name		Status
	──‴₩WAN ── ⁽ 火 ⁾ 4G 日─‴ [™] VPN				Name		PLC			MQTT Client		•	COM1	FX3U			•
					Time		13:44	:47 08/09/2	2023	MQTT Client	: II	•					
					Model		BL102	2Pro		Ali IoT		•					
	- OpenVPN				Version		V1.1.3	3.15		HUAWEI IoT		•					
-	۲. Alarme			=	4G Mod	lule	EC25	ECGAR06A0	07M1G	AWS IoT		•					
					IMEI		86043	2504798498	32	BeiLai IoT		•					
					Signal S	itrength	27 (N	lormal:14-3	1)	BeiLai Modb	ous IoT	•	_				
	DataService	s			operato	r	CHN-	-CT									
	—⊕Pass Thi	ough			SIM ICC	ID	89860	0322257550	0286910								
	- Modbus	RTUS	TCP		SIM Sta	tus	ОК										
	- Modbus	TCP Se	erver		BLRMS	Enable 1 Hour	False										
	-OPC UA				BLRMS	Enabled	True										
Ð	Cloud										Refresh						
	- MQTT C	lient									Kellesh						
		lient II															
	QAULAT																
	(DAII 101																
	HUAWE	I IoT		-													

2.6 Re-login the configuration software to see if the acquisition of the FX3U is successful, the status will change to green if successful.

BLIIOT Bei	iLai Industrial G	ateway www.B	LIIoT.com \	/1.2.1						-	σx
Search Clear I	Import Export	Read Config.	Write Cont	fig. Monitor	BLRMS	Log			中文	? Help	(i) About
日 品 BL102Pro 日 巴 COM1 一 分 FX30 一 品 AN	U		Name	Value		Cloud	Status	Port	Device Name		Status
- 🖾 WAN - (¥) 4G - (¥) 4G - (¥) 4G - (¥) Oppe - (¥) Alarms - (₹) Tasks - (₹) DataSer - (\$) Pass - (\$) Moo - (\$) Oppo	enVPN rvices s Through dbus RTU≒TCP dbus TCP Server C UA	E Name Time Model Version 4G Moo IMEI Signal 3 operate SIM ICC SIM Sta BLRMS	dule Strength or IID tus Enable 1 Hour Enabled	PLC 13:46:26 08/09/20 BL102Pro V1.1.3.15 EC25ECGAR06A07 860425047984982 27 (Normal:14-31) CHN-CT 898603222575502 OK False True	23 M1G 286910	MQTT Client II MQTT Client II Ali IoT HUAWEI IoT AWS IoT BeiLai IoT BeiLai Modbus IoT		COM1 FX3U			•
©-∞Cloud —ФмQ —ФмQ —ФАШ —ФАШ	TT Client TT Client II IoT AWEI IoT	-				Refresh					

Note: The steps 1-6 above are all based on the gateway and computer being on the same LAN, or the computer being directly connected to the gateway for configuration.



2.7 Log in to BLRMS to see if the gateway is online.

🕹 🗠 Device	es · BLRMS	×	+								~	-	
$\leftrightarrow \rightarrow C$		0	8 ww	w. my-rtu.com /iot/DeviceList						驟 ☆		4 5	රු ≡
🗋 火狐官方站点 🧕 新	待上路 🗅 匆	第月网址 🕀 🔅	京东商城	表描双11							〇 其他	书签 🗌 移动	设备上的书签
🔐 BLRMS	3	V1.0								۹	Welcome, h	yq1 G	Log out
යි Home	e Home Devices												
88 Device Managem	n ^												
Token Key		Device tag	code:	Please enter token+sn token: Please enter token	Q Search	C Rese	Unfold	~					
Groups		لط Expo	ort										
Devices		Sele	cted <mark>0</mark> ite	m Empty									
通讯日志			+	Device tag code(token+sn)	Device Name	Туре	Version	User	Group	Status	Creation Date	Operatio	on
			1	1EFA3F3C8EBF4E8FA262F1159D63AB45_root				hyq1		Offline	2023-08-09	Edit De	lete
			2	1EFA3F3C8EBF4EBFA262F1159D63AB45_d73f9d5ed3484bf1a972ddb6840	PLC	BL102Pro	V1.1.3.15	hyq1		Online	2023-08-08	Edit De	lete
			3	1EFA3F3C8EBF4EBFA262F1159D63AB45_远程升级1	Route	R40B	v1.32.1	hyq1		Offline	2022-12-08	Edit De	lete
			4	1EFA3F3C8EBF4EBFA262F1159D63AB45_调试测试2	Route	R40B	v1.32.1	hyq1		Offline	2022-12-08	Edit De	lete
			5	1EFA3F3C8EBF4EBFA262F1159D63AB45_远程升级调试测试2	Route	R40B	v1.32.1	hyq1		Offline	2022-12-08	Edit De	lete
			6	1EFA3F3C8EBF4EBFA262F1159D63AB45_远程升级调试测试1	Route	R40B	v1.31.3	hyq1		Offline	2022-12-08	Edit De	lete
		7 1EFA3F3C8EBF4EBFA262F1159D63AB45_远程升级铜试测试				R40B	v1.32.2	hyq1		Offline	2022-12-07	Edit De	lete
			8	1EFA3F3C8EBF4EBFA262F1159D63AB45_yuancheng	Route	R40B	v1.32.1	hyq1		Offline	2022-12-07	Edit De	lete

2.8 Open the KingPigeonPLC Debug folder in SerialPassthrough folder provided by BLIIoT, click KingPigeonPLC.exe.

→ * ↑	PLC远程下载 > SerialPassthrough > Ki	ngPigeonPLC Debug >		~	ڻ ،	, Search KingPigeonPLC Debug
0.11	Name	Date modified	Туре	Size		
QUICK access	image	08/08/2023 14:34	File folder			
OneDrive	NT5	08/08/2023 14:34	File folder			
WIDCINIA	NT5x64	08/08/2023 14:34	File folder			
WP SPYSE	NT6	08/08/2023 14:34	File folder			
This PC	NT6x64	08/08/2023 14:34	File folder			
3D Objects	KingPigeonPLC Debug	08/08/2023 14:33	Internet Shortcut	1 KB		
Desktop	🖾 KingPigeonPLC.exe	08/08/2023 14:33	Application	205 KB		
Documents	msvcp100.dll	08/08/2023 14:33	Application exten	412 KB		
Downloads	🖄 msvcr100.dll	08/08/2023 14:33	Application exten	756 KB		
Downloads	QtCore4.dll	08/08/2023 14:33	Application exten	2,539 KB		
Music	🔄 QtGui4.dll	08/08/2023 14:33	Application exten	8,386 KB		
Pictures	QtNetwork4.dll	08/08/2023 14:33	Application exten	1,029 KB		
Videos	SeekSerialPort.dll	08/08/2023 14:33	Application exten	10 KB		
C (C:)	SeekSocket.dll	08/08/2023 14:33	Application exten	11 KB		
D (D:)	SerialPort.dll	08/08/2023 14:33	Application exten	3,820 KB		
	SerialPortCfg.txt	09/08/2023 13:49	Text Document	0 KB		
Network	🞯 uninst.exe	08/08/2023 14:33	Application	93 KB		



2.9 Choose language, select English, click Add, the configuration box will pop up. Fill in the COM ports that are not in use on your computer (Check whether COM is used in the computer device management interface), select TCP CLIENT, IP: 127.0.0.1, Port: 7909, the IP and port is fixed.

Note: Port 7909 of your computer should not be occupied by other software. Click OK.

KingPigeonPLC Debug V1.0 www.4g-iot.com	- 🗆 X
Device Chinese	tw
Remarks COM Name Parameters Protocol Loc	al IP Local Port Destination IP Destination Port COM Rcv Network Rcv Status Login Msg
	🖾 Add Virtual Serial Port 🛛 🗙
	Communication Config Virtual COM 10 ÷ Protocol TCP CLIENT •
	Local IP 192.168.1.195 * Local Port 10001 \$
	Destination IP 127.0.0.1 Destination Fort 7909 Control Provide State Sta
	Remarks OK Cancel



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2.10 Add the virtual serial port COM10, and view the virtual COM10 has been added successfully in the computer device management interface.

Management					- 0	×								
File Action View Help														
🗢 🔿 🙇 📷 🗟 🖬 🗖	💻 📙 🗙 🖲					1.00								
Computer Management (Local	✓ ✓ ✓ Æ DESKTOP-1F00E4M)			Actions Device Manager More Actions										
Shared Folders Mared Folders Mared Folders Mared Folders Mared Folders Mared Folders Storage Disk Management Mared Folders	Signal adapters Display adapters Mirmware Mirmware Muman Interface Devices Mir ATA/ATAPI controllers	KingPigeonPLC Device Chinese Add Con	[™] KingPigeonPLC Debug V1.0 www.4g-iot.com Device Chinese [™] Add Con [™] Loss [™] Add Con [™] Loss											
Disk Management Services and Applications	> 🔐 Sungo > 🧱 Keyboards > 🕕 Mice and other pointing devices	Remarks	COM Name	Parameters	Protocol	Local IP	Local Port	Destination IP	Destination Port	COM Rev	Network Rcv	Status	Login Msg	
Services and Applications	> Write and other pointing devices > Write devices		Como	000	107/2081		v	(127404)1	1902			Disconnecteu		
	17 items 1 item selected 205 KB													
													1	

2.11 Open the configuration software, click BLRMS, enter the BLRMS system login user name and password to login, select the gateway to be operated, the gateway should be online, select remote passthrough mode, select serial port channel. Select the COM port to which the remote PLC is connected, BL102 only has one COM. click to start the remote passthrough.



Carl I	BLIIOT E	BeiLai Ind	lustrial G	ateway www.l	BLIIoT.com V1.	2.1					-	σx
Search	Clear	Solution Import	Export	Read Config.	Write Config.	() Monitor	()) BLRMS	Log		中文	? Help	(i) About
			Disclaimer Gat Remote Pi SerialPor Gatewa Remote C Remote Fi	We do not assu the use of BLRN User hyq1 keway [V1.13.15].f assthrough t Device ay COM COM onfiguration Rea rmware Upgrade	BLRM: me any responsibilit IS services. Pass Mode Remote Channel S Channel S Stop Remote Pass d Config.	y for problem word ••• J3484bf1a972c e Passthrough erialPort etport Device IP Port sthrough Write Cor rrade	ns arising fro ddb6840 v v ofig.	m Log in	日志信息打印 [99/08/2023 13:55:19] [r.13.13_Route_ Offline _beilaif&0 [09/08/2023 13:55:19] Current device_Offline_beilaif&40 [09/08/2023 13:55:24] [V1.13.15_PLC_ Online _a7359d5dc3484bf1a972ddb6840 [09/08/2023 13:55:24] Current deviceItat : V1.1.3.15_PLC_Online_d7359d5ed3484bf1a972ddb6840 [09/08/2023 13:55:36] Passthrough send: 2300002A0000000000000000000000000000000			

2.12 Open Mitsubishi GX Works2, create a project , select FX3U.

MELSOFT Series GX Works2		- 🗆 X
<u>Project Edit Eind/Replace Compile View Online Debug D</u> iagnostics Tool V	<u>V</u> indow <u>H</u> elp	
🔁 🖻 🗇 🍟 📴 🖬 🖼 📽 📽 😵 🌚 🏠	*	※安房乡全國國國國會會局局局部將將將將並且是一個不能在於
Navigation 4 ×		
Project		
<u>17389314+</u>		
	New Project	X
	Series: FXCPU	
	Type: FX3U/FX	uc 🔄
	Project Type: Simple Pr	oject 🗾
	Laster Destan	Use Label
	Language: [Laouer	
		OK Cancel
Project		
User Library		
Connection Destination		
English	1	CAD NUM

2.13 Click Connection, click Serial USB, select the virtual serial port COM10 and click OK.



🜃 MELSOFT Series GX Works2 (Untitled Project) - [[PR	RG]Write MAIN 1 Step]					\Box \times
Project Edit Eind/Replace Compile View C	Online Debug Diagnostics Jool Window	Help				- 8 ×
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非非常能 合同 一日 化 化 非 非 非	7 46 atta Transfer Setup Connection1		· · · · · · · · · · · · · · · · · · ·	X		
Navigation 4 ×	PRG					4 0 -
Connection Destination	PC side I/F	* •				^
1° 13 13 10 2	Serial CC IE USB NET/1	Cont CC-Link Ethernet (O(H) Board Board	CC IE Field Q Series Board Bus	NET(II) PLC Board Board		1
Current Connection	Boa	rd .		<u></u>	L	-
Connection1	COM COM 1 Trans	mission Speed [115.2Kbps	a 			
	PLC side I/F					
All Connections	PLC CCIE Module NET/	Cont CC-Link Ethernet	<u>C24</u> <u>GOT</u>	CC IE Field Head Module		
Connection	Mod	ule		Module		
			PLC	Mode FXCPU		
		PC side I/F Serial Setting	×			
	Other Station	@ RS-232C	ок	Connection Channel List		
	No Specification	(include FX-USB-AW / FX3U-US	B-BD) Cancel	PLC Direct Coupled Setting		
	Time Dut (Sec.) 5	COM Port COM 10	Setup	Connection Test		
	Network	Transmission Speed 115 % hps	-	PLC Type		
	Communication		-	Detail		
	CC IE Cont CC IE	Fiel		Sustern Image		
	NET/10(1)		••			
				TEL (FXCPU)		
	Co-existence Network			ок		
	Route CCIE Cont CCIE	Field Ethernet CC-Link	C24			
	NET/10(H)		< +	Lancel		
	Accessing Host Stati	un .				
	- Multiple CPU Setting-	- Target Sys	em			
Project	Target	Target PLC				
📖 User Library	System		<u> </u>			
Connection Destination			1			
Connection Destination						
».						
	English Unlabeled		FX3U/FX3U	IC Host	0/1Step Ovrwrte C	AP NUM

2.14 Click Connection Test, successful communication will be prompted, click OK.

MELSOFT Series GX Works2 (Untitled Project) - [[PI	RG]Write MAIN 1 Step]			_	
<u>Project Edit Eind/Replace Compile View</u>	<u>Online Debug D</u> iagnostics <u>T</u> ool <u>W</u> indow <u>H</u> elp				- 8 ×
i 🗅 😂 💾 🥔 📲 📴 💷 📰 🚟 🚟	🐨 🏠 🕖 👫 Parameter 🔹		N 🖏 🖏 🗐 📮 🖉 👧 🛃 🛤	🎇 🎇 🖉 🦊 🚚 📮 📜 法 法 约1	1911月1月1日。
# 推 推 [微 卷 晶 ल 好 谷 鞣 \$ 24 24	Transfer Setup Connection1		X		
Navigation 4 × Connection Destination	PC side I/F	CC-Link Ethernet CC IE Field Q Series Board Board Bus	NET(II) PLC Board Board	[EN	
Connection1	CUM CUM 10 Transmission Spe	ed 115.2Kbps			
All Connections	PLC side I/F <u>PLC</u> <u>PLC</u> <u>CTIE Conv</u> <u>Module</u> Module	CCLink Ethernet C24 GOT Module PLC1	CC IE Field Moster/Local Module		
	Other Station Setting No Section	T Application >	Connection Channel List		
		Successfully connected with the FX3U/FX3UCCPU.	PLC Direct Coupled Setting		
			Connection Test		
	Time Out (Sec.) 5	OK	Diaz Daupaic		
	Network Communication		J PLC Type PASO/PASOC		
	Route CC IE Cont CC IE Field E NET/10(H)	themet CC-Link C24	System Image		
			TEL (EXCPLI)		
	Lo-existence Network		OK		
	Floute CC IE Cont CC IE Field E NET/10(H)	themet CC-Link C24	Cancel		
	Accessing Host Station	11			
	NAME OF COMPANY				
Project	Multiple CPU Setting Target P	LC			
User Library	System				
Connection Destination					
»					*
	English Unlabeled	FX3U/FX3U	IC Host	0/1Step Ovrwrte	CAP NUM

2.15 To read the PLC program, click Online and click the PLC.



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MELSOFT Series GX Works2 (Untitled Project) - [[PRG]W	ite MAIN 1 Step]				
Project Edit Eind/Replace Compile View Online	Debug Diagnostics Tool Window Help				- 8 ×
i 🗅 🖻 🖪 🏉 📲 📴 🖬 📰 🚟 🐨 🚟	¶q+ ⑦ ∰ Parameter +		📪 🖙 🖙 🚚 👧 🛃 📰 🛤	8 🔜 🖉 🧃 🚚 📕 🗄 🖽 🖓 🛯	a 🖅 Ka Ka 📮
*********		978988 8 7868			
Navigation P ×	DDGIWrite MAIN 1 Sten				4 0 -
Connection Destination	Dnline Data Operation		×		
	Connection Channel List			E E E	, <u> </u>
	Serial Port PLC Module Connection(RS-232C)		System Image	LENC	′ 」
Connection1					
	Read C Wite	C Verfy C Delete			
All Connections	PLC Module	Execution Target Data(No / Yes)			
Connection1	Tèle			1	
	Modulo Data ParametersProgram	Select All Cancel All Selections			
	Maddle Data Pate Name Tale	(Delect News Torest Detell Lest Charge	Treat House C Cor		
	FX3U/FX3UCCPU	/Project Name Target Detail Last Change	Target Memory S Size		
	PLC Data		Program Memory/		
	Program (Program File)	× 8			
	- A Parameter	~			
	PLC Parameter/Network Parameter				
	Device Memory	Detai			
	Device Data/File Register				
	Necessary Setting(No Setting / Already Set)	Set if it is needed(No Setting / Aleady Set)			
		and a subset in courty is seening on it			
			Refresh		
				1	
	Related Functions <<		Execute Close		
				- /	
Notes the test of test	Remote Operation Set Clock Clear PLC Memory				
User Library					
Connection Destination					
Connection Destination					
»					*
	English Unlabeled	FX3U/FX3UC	Host	0/1Step Ovrwrte	CAP NUM

2.16 The PLC program as follows.

MELSOFT Series GX Works2 (Untitled Project) - [[Pl	RG]Write MAIN 3	Step]										-	
<u>Project Edit Eind/Replace Compile View</u>	<u>Online</u> De <u>b</u> ug	Diagnostics To	ol <u>W</u> indow <u>H</u>	elp									- @ ×
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Navigation 7 ×	[PRG]W	rite MAIN 3 Step	×										4 0 -
Connection Destination		×000											^
	0											(Y000) — К
Current Connection													
_	2											[END	-
All Connections	2											-LEND	1
🖓 Connection1													
	-												
Troject													
User Library													
Connection Destination	-												
»													
		English	Unlabeled				FX3U/FX3U	C Host		0/3Step		Ovrwrte CA	P NUM .
								10000		T			

2.17 Modify the PLC program, e.g. add X1 closure to control Y1 closure.



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2.18 Download the programmed program to the PLC, click Online, and click PLC Write.

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2.19 To confirm that the PLC program download was successful, create a new project and re-communicate with the PLC.



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2.20 To re-read the PLC program, click Online and click PLC Read.

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2.21 The newly added program segment is in the PLC program, proving that the download was successful.



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2.22 Stop remote passthrough, click the Start Remote Passthrough button and click disconnect. Only then will the gateway resume data collection from the PLC.

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