Coolmay®
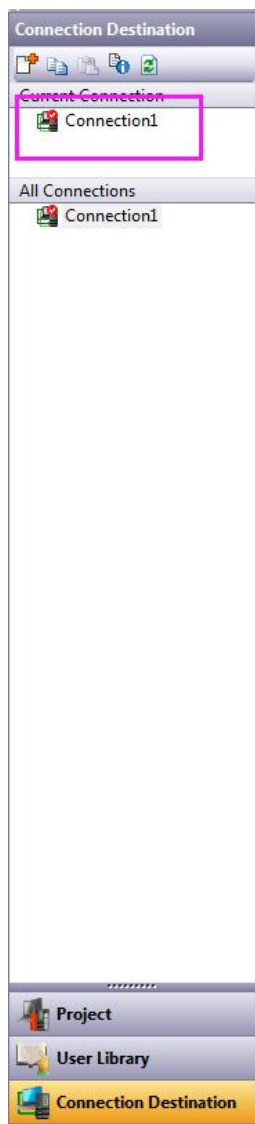
Steps on PLC communicating with PC via Ethernet port

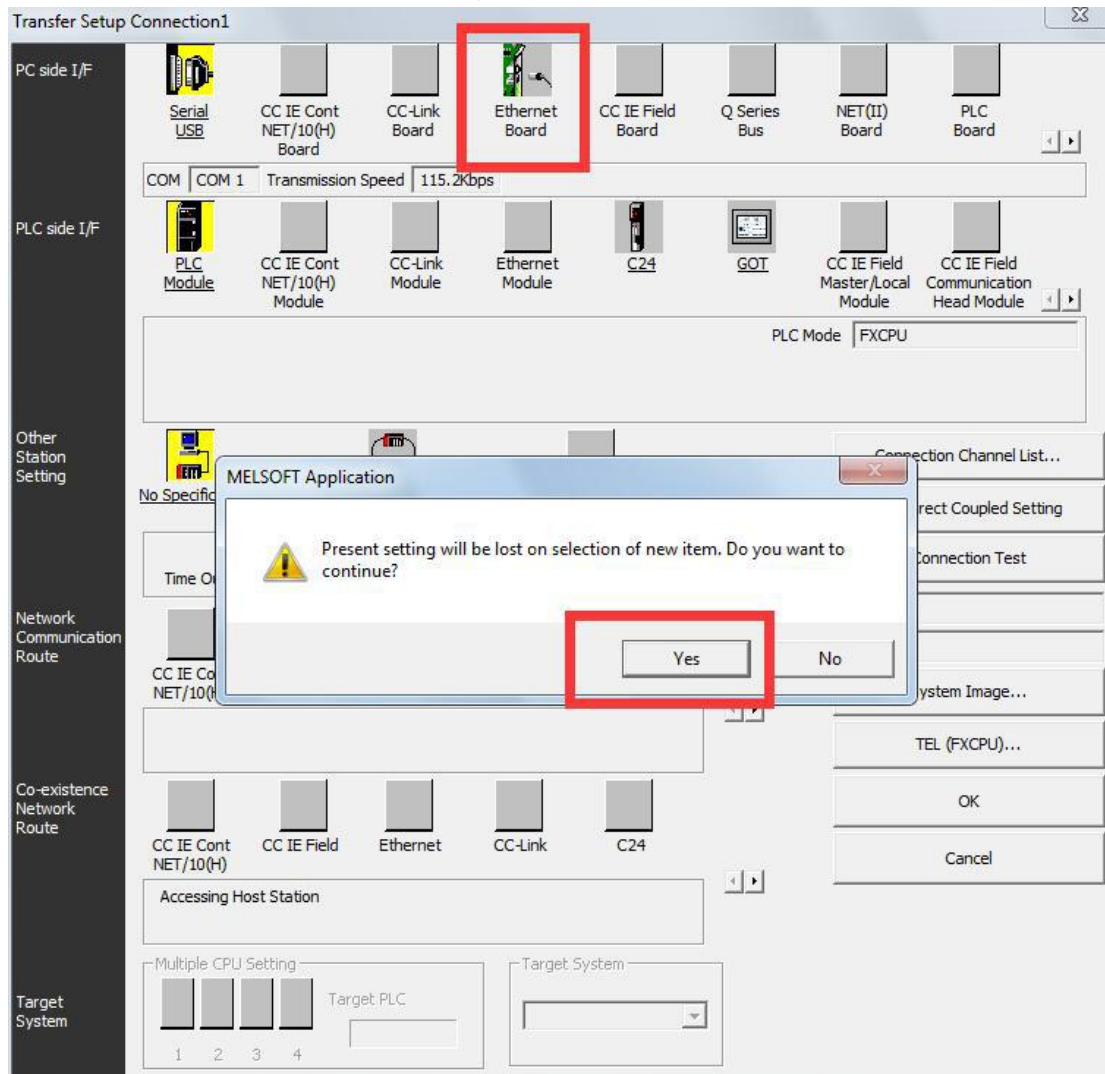Tools：Works2(GX Works2 Version 1.521T)、EX3G PLC、network cable、24V power supple.

Connection method: PLC and computer are connected through LAN (the IP address of the computer and the IP address of the PLC must be on the same network segment)

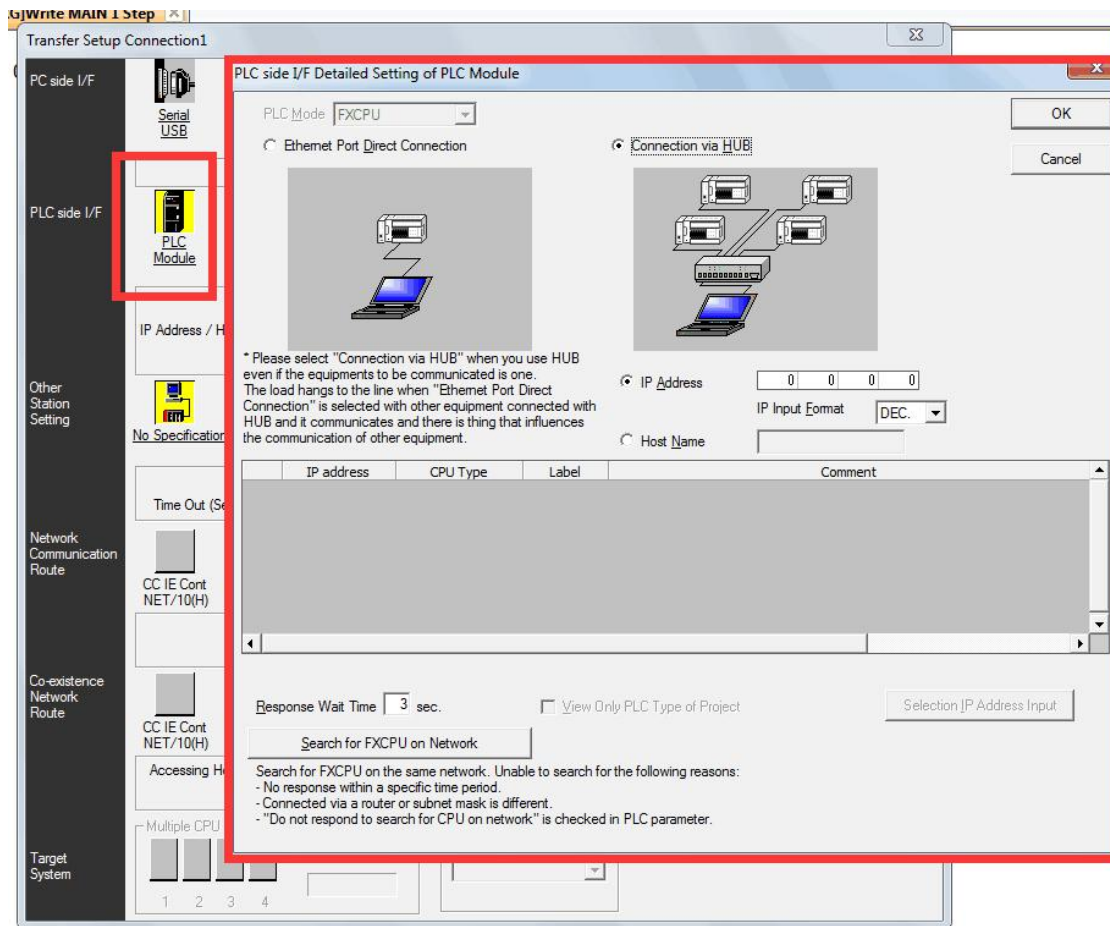In this example, the IP address of the PC is 192.168.1.11. The IP address of the PLC is set to 192.168.1.250.

1、Use WORKS2 to create a new FX3G project and connect to it. Double-click the current connection target Connection1 in the connection target as shown below：
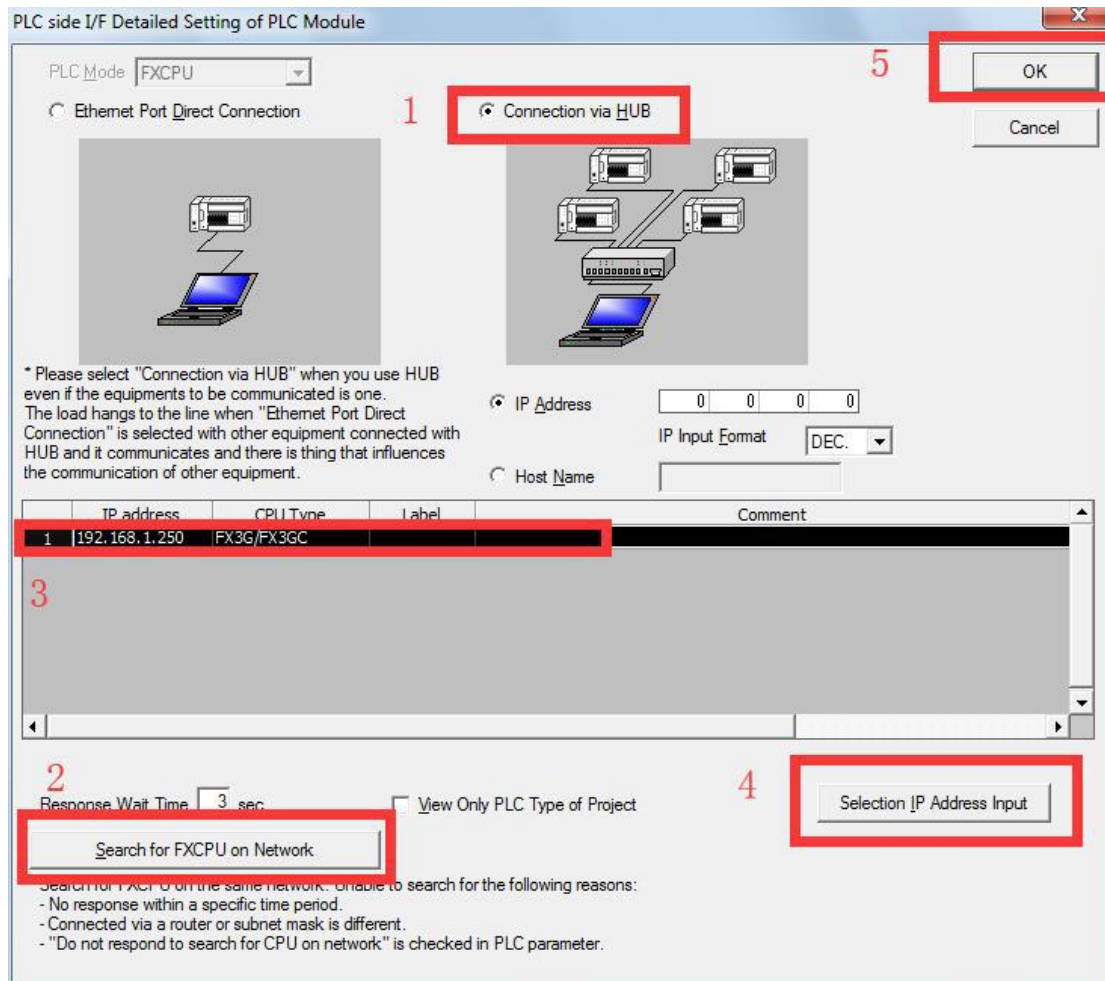
2、In the dialog box that is displayed, click the Ethernet Board option on the computer side I/F, and select Yes in the pop-up dialog box. Operate as shown below：
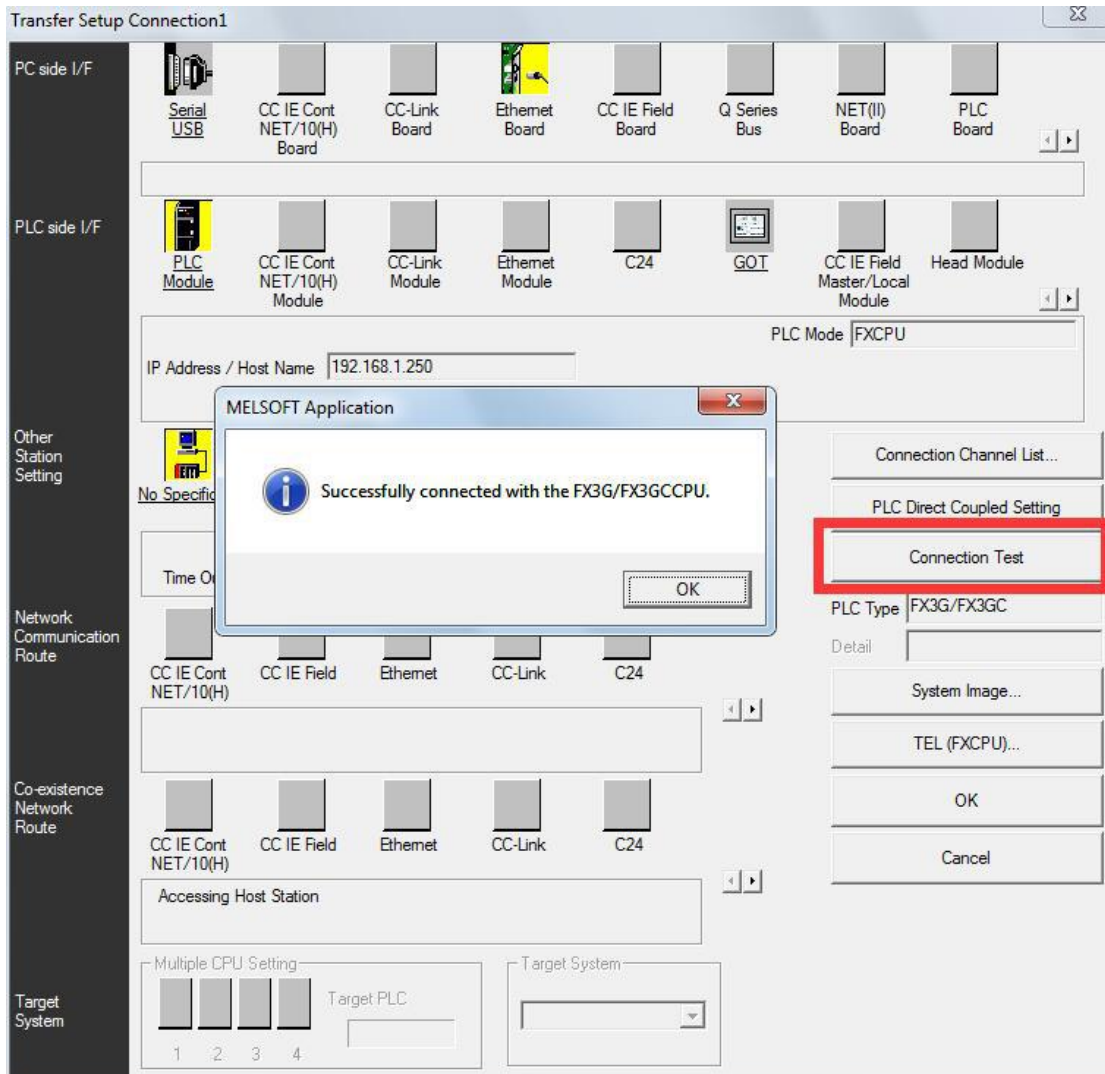

3、On the programmable controller side I/F, double-click the PLC Module option to bring up the following dialog box:
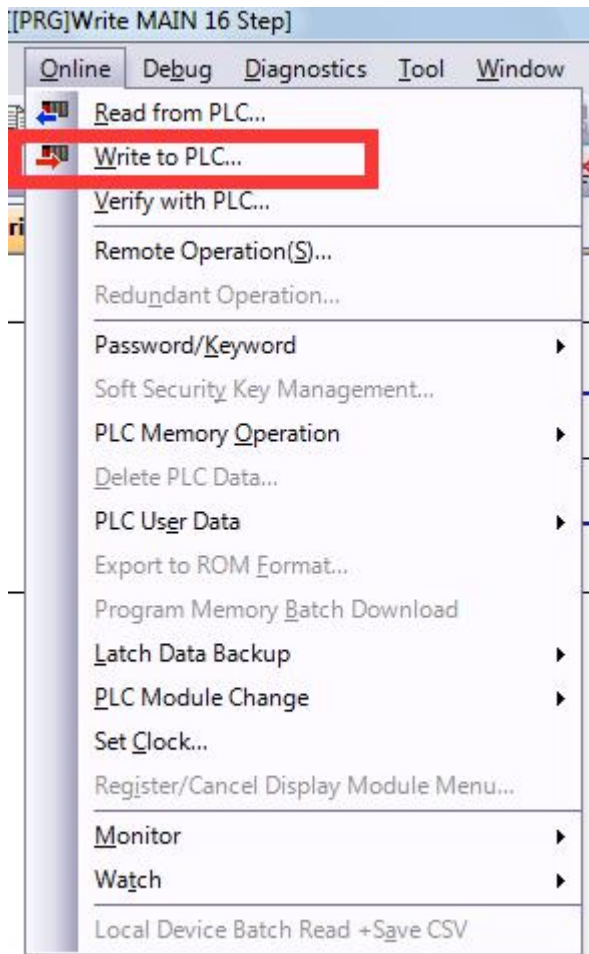
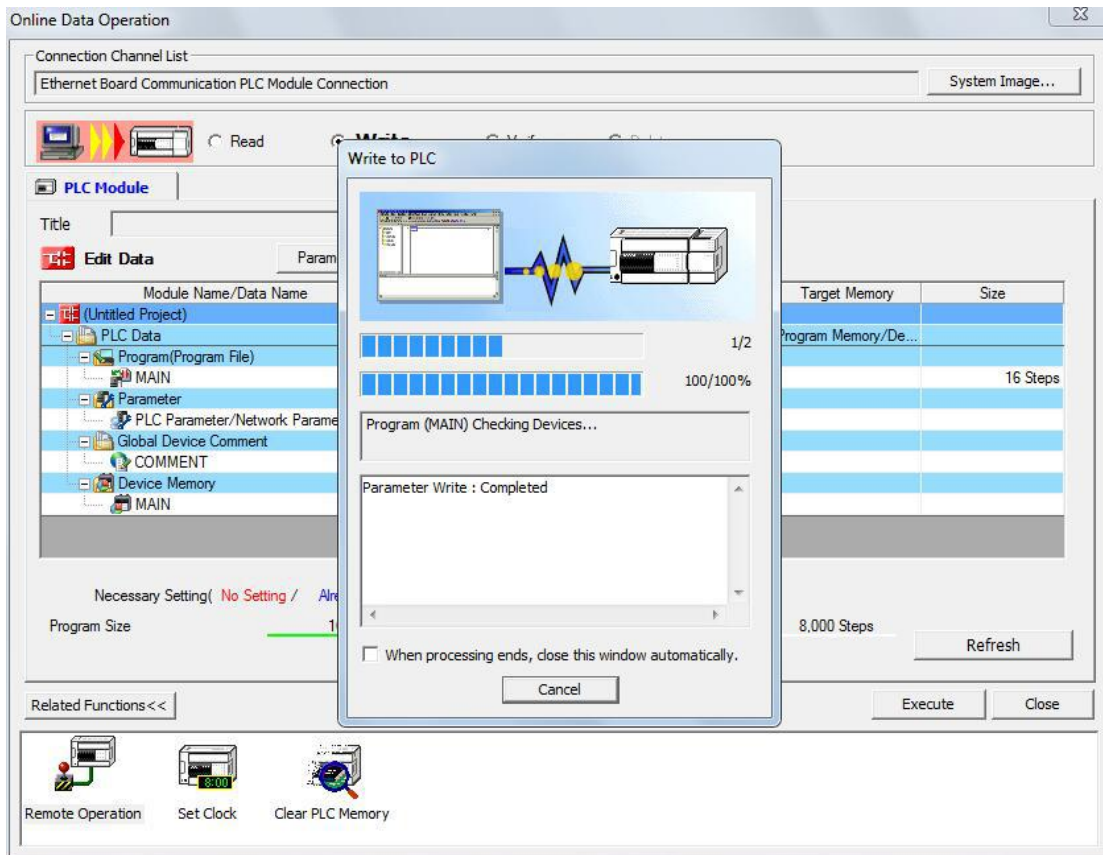4、In the CPU module detailed settings dialog box, set them in the order .

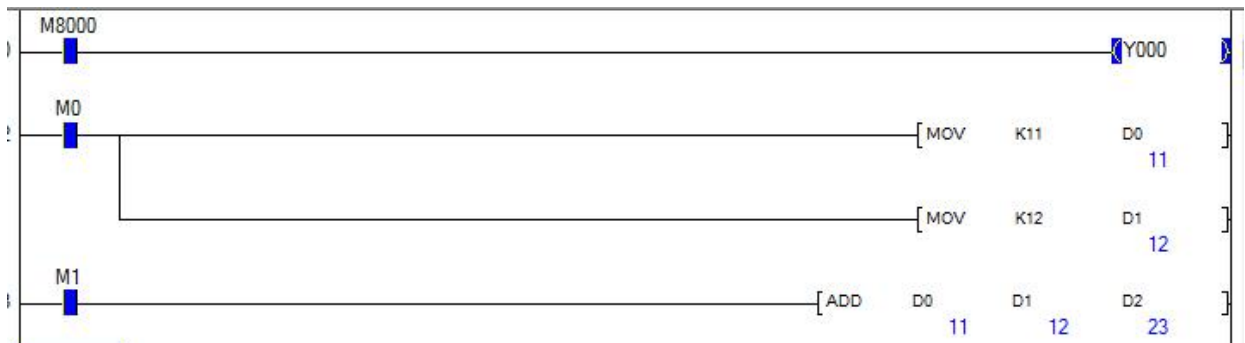5、Click the [Communication Test] button and will prompt the successful connection.

6. Then the PLC can be read and written, and the PLC also can be monitored.

[PRG]Write MAIN 16 Step]

| Online | Debug | Diagnostics | Tool | Window |

Read from PLC...

Write to PLC...

Verify with PLC...

Remote Operation(S)...

Redundant Operation...

Password/Keyword ▶

Soft Security Key Management...

PLC Memory Operation ▶

Delete PLC Data...

PLC User Data ▶

Export to ROM Format...

Program Memory Batch Download

Latch Data Backup ▶

PLC Module Change ▶

Set Clock...

Register/Cancel Display Module Menu...

Monitor ▶

Watch ▶

Local Device Batch Read +Save CSV

面试	RDPWInst-v1.6.2	2019-05-14 9:47	Windows Install...	640 KB
RECOVERY (E:)	深圳市顾美科技有限公司图书名单	2019-03-30 17:09	XLSX 工作表	38 KB
本地磁盘 (G:)	CentOS-7-x86_64-Minimal-1708	2018-01-29 13:01	好压 ISO 压缩文件	811,008 KB
软件 (H:)	顾美	2019-04-24 15:07	好压 RAR 压缩文件	295 KB
文档 (I:)	历史资料列表（最新）	2019-01-07 17:15	好压 RAR 压缩文件	689 KB
娱乐 (J:)	2N modbus 写一个数据	2019-05-20 11:54	好压 ZIP 压缩文件	12 KB
Public (\\192.16	11曾工家程序	2019-05-15 15:03	好压 ZIP 压缩文件	2,635 KB
cmt (\\192.168.	RDPWrap-v1.6.2 (1)	2019-05-19 18:13	好压 ZIP 压缩文件	1,562 KB
CMPublic (\\19	sw1dnc-gxw2-e_531d	2019-05-21 15:36	好压 ZIP 压缩文件	658,737 KB
Public (\\192.1(	标量例程	2019-04-22 14:45	好压 ZIP 压缩文件	24 KB
cmt (\\192.168.	抢抢拖车集中控制方案	2019-03-29 15:31	好压 ZIP 压缩文件	1,127 KB
CMPublic (\\19	汽车报警系统	2019-03-25 15:03	好压 ZIP 压缩文件	2,302 KB
本地磁盘 (G:)	实时曲线（最新）	2019-04-24 16:16	好压 ZIP 压缩文件	382 KB
软件 (H:)	一体机modbusTCP从站设置（触摸屏设...	2019-05-08 9:18	好压 ZIP 压缩文件	329 KB
	abcmk	2019-05-21 10:45	应用程序	101 KB
	aebhm	2019-05-14 12:34	应用程序	101 KB
	aecp	2019-05-21 10:35	应用程序	101 KB

7、It is also possible can monitor the PLC. As shown below:

Connection method: PLC directly connects to the computer through the network cable (the computer IP address can not be selected as automatic setting, manually set to 192.168.1.XXX, the gateway is 192.168.1.1)

The operation steps are the same as the operation steps of connecting the above PLC and the computer through the local area network.

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