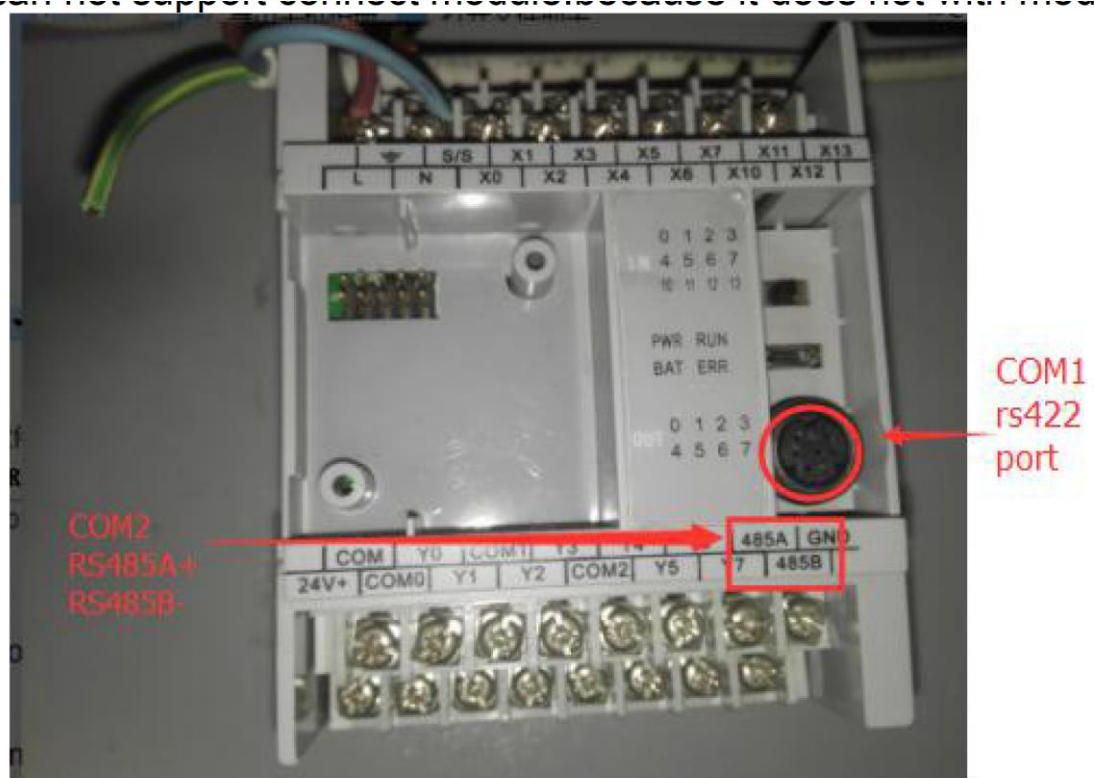


Instructions on running HMI live in simulation mode via RS485

1. Back up PLC and HMI projects before making any further changes.
2. Plug the adapter into your computer, it should light up.
3. Use two wires to connect the adapter to your PLC COM2 (A-A, B-B). Make sure the two wires are totally isolated from each other. COM2 on PLC is located as what the below pictures show



4. Open up PLC project, set up COM2.

I . Protocol Setting (D8126)

Protocol	Description	Value of D8126
WECON PLC Protocol	Using WECON PLC Protocol	01H
MODBUS RTU Master	PLC is slave device	02H
MODBUS ASCII Master	PLC is slave device	03H
MODBUS RTU Slave	PLC is master device	20H
MODBUS ASCII Slave	PLC is master device	30H

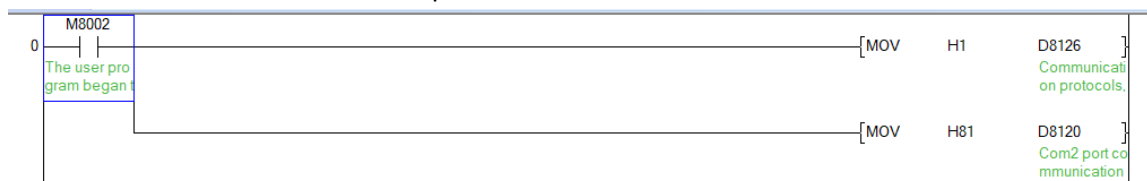
II . Communication Format (D8120)

Item	parameter	Bit value of D8120							
		b7	b6	b5	b4	b3	b2	b1	b0
Baud rate (Bps)	115200	1	1	0	0	-	-	-	-
	57600	1	0	1	1	-	-	-	-
	38400	1	0	1	0	-	-	-	-
	19200	1	0	0	1	-	-	-	-
	9600	1	0	0	0	-	-	-	-
	4800	0	1	1	1	-	-	-	-
Stop bit	1 bit	-	-	-	-	0	-	-	-
	2 bit	-	-	-	-	1	-	-	-
Parity	None	-	-	-	-	-	0	0	-
	Odd	-	-	-	-	-	0	1	-
	Even	-	-	-	-	-	1	1	-
Data bit	7 bit	-	-	-	-	-	-	-	0
	8 bit	-	-	-	-	-	-	-	1

Example: the communication format is 9600.1.8.None, b7b6b5b4=1000, b3=0, b2b1=00, b0=1.
D8120=81H ((10000001)₂=81H, 81H means hexadecimal number)

Note: If use Data bit=7. Parity can not choose None.

5. Here to use 9600.1.8.None as example. The PLC code is as below



6. Change the HMI communication settings accordingly

Connection:

No.	Commu...	Protocol	Device type
1	COM1	RS485	WECON LX3V

New Delete Setting

Station No.

HMI No.: 0 Device No.: 0

COM: COM1

Protocol: WECON LX3V

HMI Model: PI3102H

COM: (RS485, 9600, 1, 8, NONE) Setting

Device IP: None Setting

Timeout: (300, 50, 2, 3, 0, 0) Setting

7. Upload PLC programme, compile HMI programme. Then get it running

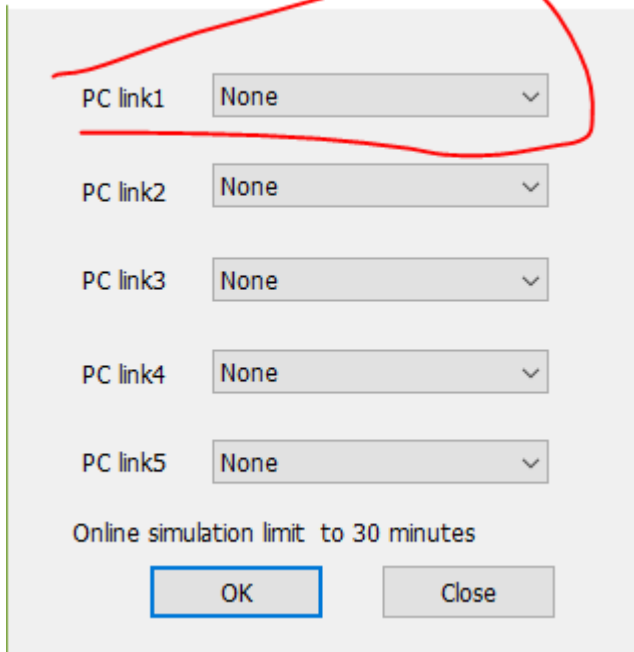
Compile Off-line

Cancel On-line

Download UDisk Download

Tool

8. Change the first link to the COM of your adapter



PC link1 None ▾

PC link2 None ▾

PC link3 None ▾

PC link4 None ▾

PC link5 None ▾

Online simulation limit to 30 minutes

OK Close

9. The LED light beside the COM2 should be lit up, and the communication is going.