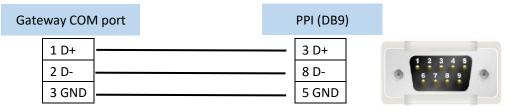
# SiemS72(Siemens S7-200 PLC)

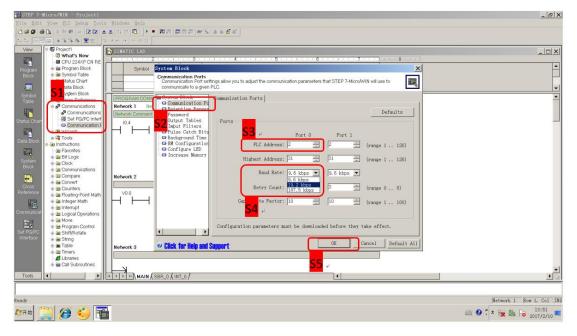
# **PLC Configuration**

- 1. Wiring
  - a) The DB9-PPI port of Siemens S7-200 series PLC is generally compatible with RS-485 serial port, which can be used as both programming port and communication port.
  - b) Gateway connect to the PPI port of PLC as following:



Note: Please make sure your gateway's COM port is RS485 mode.

2. Software configuration (It is an example)



## EdgeLink Studio configuration

#### 1. Setup the COM port

Set to be the same as the PLC setting.

Project Configuration «	COM1(NewNode) ×							
□	Apply X Discard							
And Section 2012 (1983) 13 (1984) And Section 2012 (1984) And Section 201	General Infor Enable Type: Description:	Serial (Built-in) Uart 1 support RS485 (	▼ or RS232	Scan Time(ms): Time Out(ms): Retry Count: Auto Recover Time(s):	1000 3000 3 10			
	W Serial Port Setting							
	Port: Baud Rate: Data Bit: Stop Bit:	COM1 19200 8 1	* * *	Parity: RTS: DTR:	Even False False	• • •		

#### 2. Add device

Name:	NewDevice
Device Type:	Siemens S7-200 PLC (PPI)
Device Model	Double Click to Select Device Template
Unit Number:	2
Tag Write Type:	Single Write •
Description:	A
	Ψ

Device Type: Siemens S7-200 PLC (PPI)

Unit Number: The same as "PLC address" in PLC software's setting.

### 3. Add IO tags

Name	Data Type	Source	Initial Val	Scan Rate	Address		Conversion Type	Scale Typ
	New Tag							
	🚰 Basic				Advanced			
	Name:	NewTag			ScalingType:	No Scal	e	•
	Data Type:	Analog		-	Formula:			
	Conversion	Unsigned In	teger	•				
	Address:				Scale:	0		
	Start Bit:	0	Default Addre	ss Configura	tion	0		
	Length(bit):	16	Address Temp	late: SM00	• • 0		np to span low np to span high	
	Span High:	1000	-				np to zero	
	Span Low:	0	Address:	SM00	0			
	Initial Value:	0.0	ОК		Cancel			
	Scan Rate:	1						
	Read Write:	Read/Write		•				

## Tag Address Configuration Example

	PLC	EdgeLink Configuration			
	Tag Address Sample	Address	Start Bit	Length	
Discrete Tag	I0. 7	1000	7	-	
	I1.5	I001	5	-	
	Q0.6	Q000	6	-	
	Q2.0	Q002	0	-	
	M12.1	M012	1	-	
Analog Tag	AQ1	AQ001	0	16	
	AIO	AI000	0	16	
	V10	V010	0	16	