

Guida alla connessione e settaggio HMI/PLC



Comunicazione tra HMI Kite e Siemens Logo!

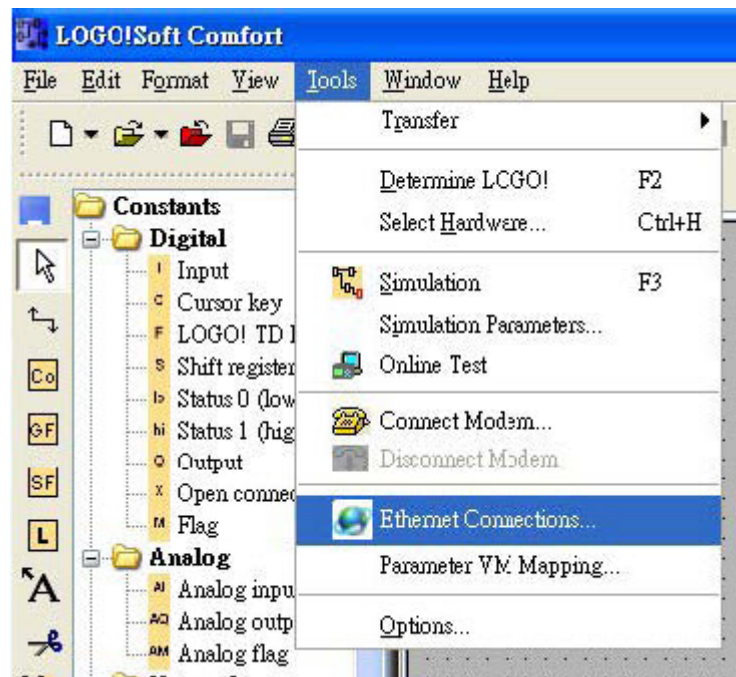
Siemens LOGO(0BA7)

This tech. note introduces how to connect Siemens LOGO(0BA7) with PanelMaster HMI. User can set the communication setup in TCP/IP and it can connect Siemens LOGO with PanelMaster HMI by Hub.

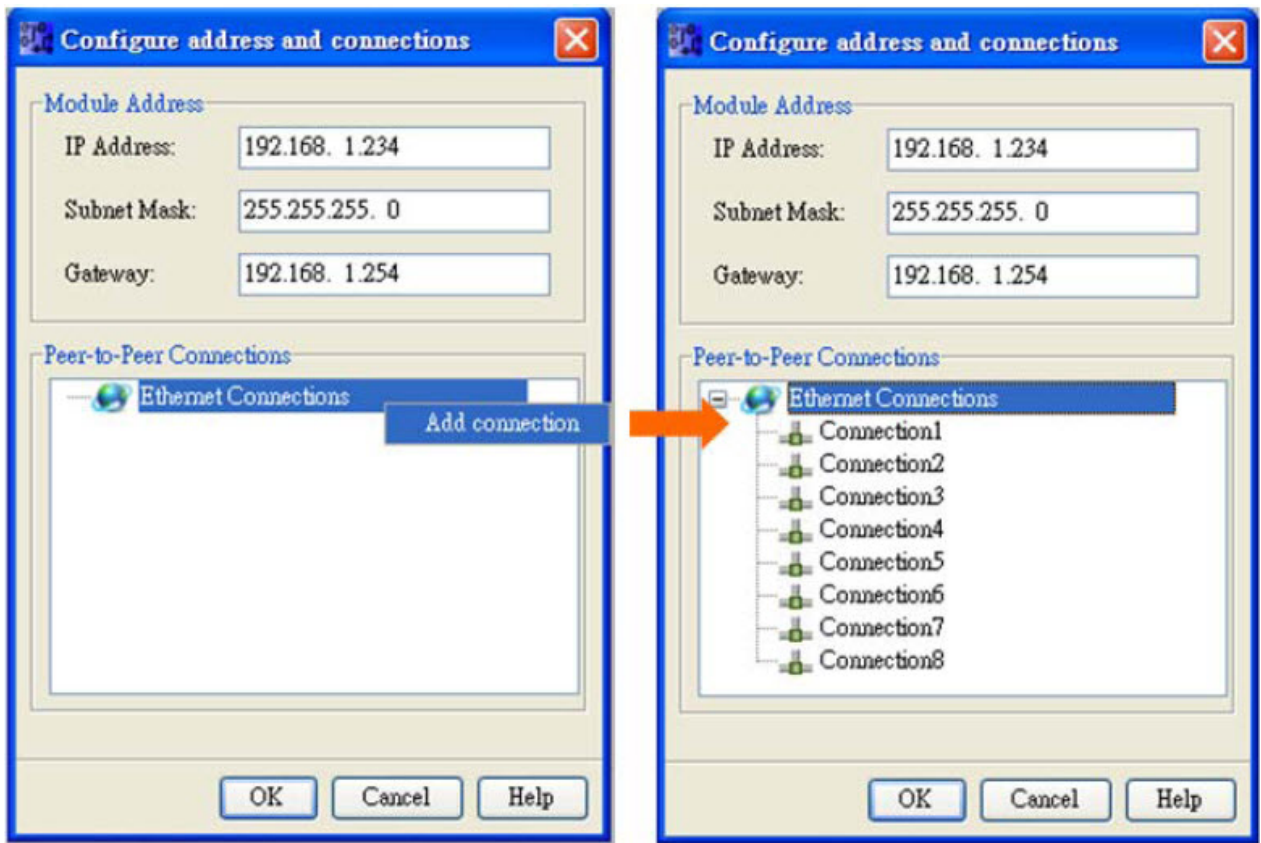


PLC setting

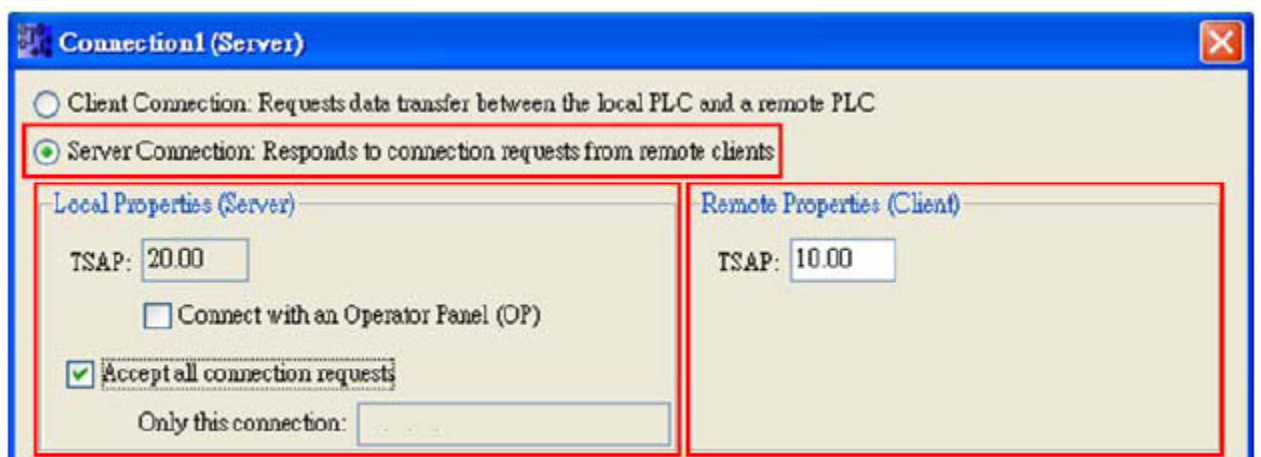
1. LOGO software: Tools -> Ethernet Connections

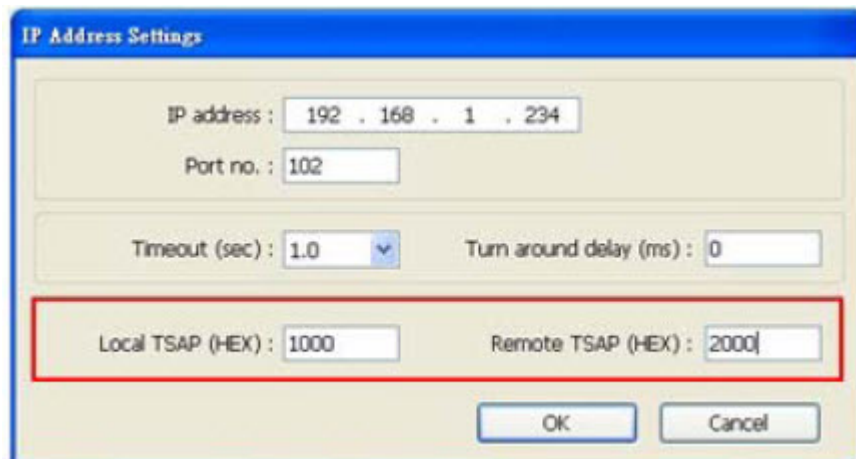


2. Right click on "Ethernet Connections" and click "Add connections" to add a connection, up to eight connections are allowed.

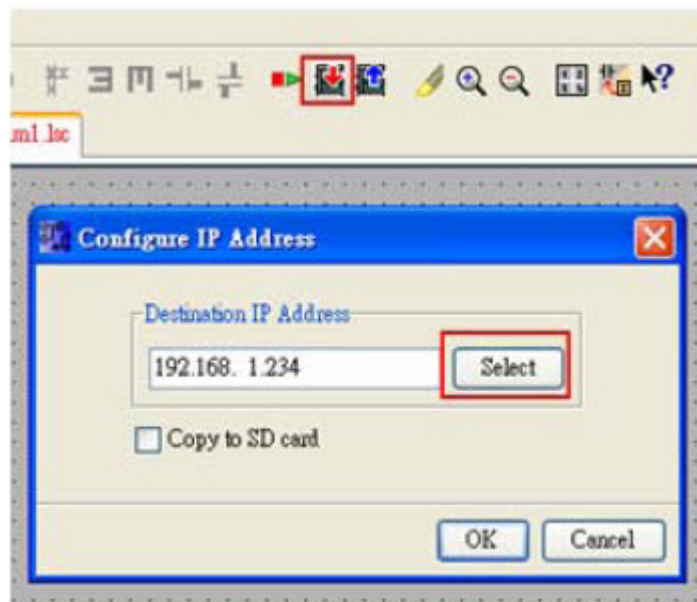


3. Double click on Connection1, then select "Server Connection", the local TSAP is system default and can not be modified. Check the "Accept all connection requests" to connect to any IP and set the remote TSAP set to "10.00".





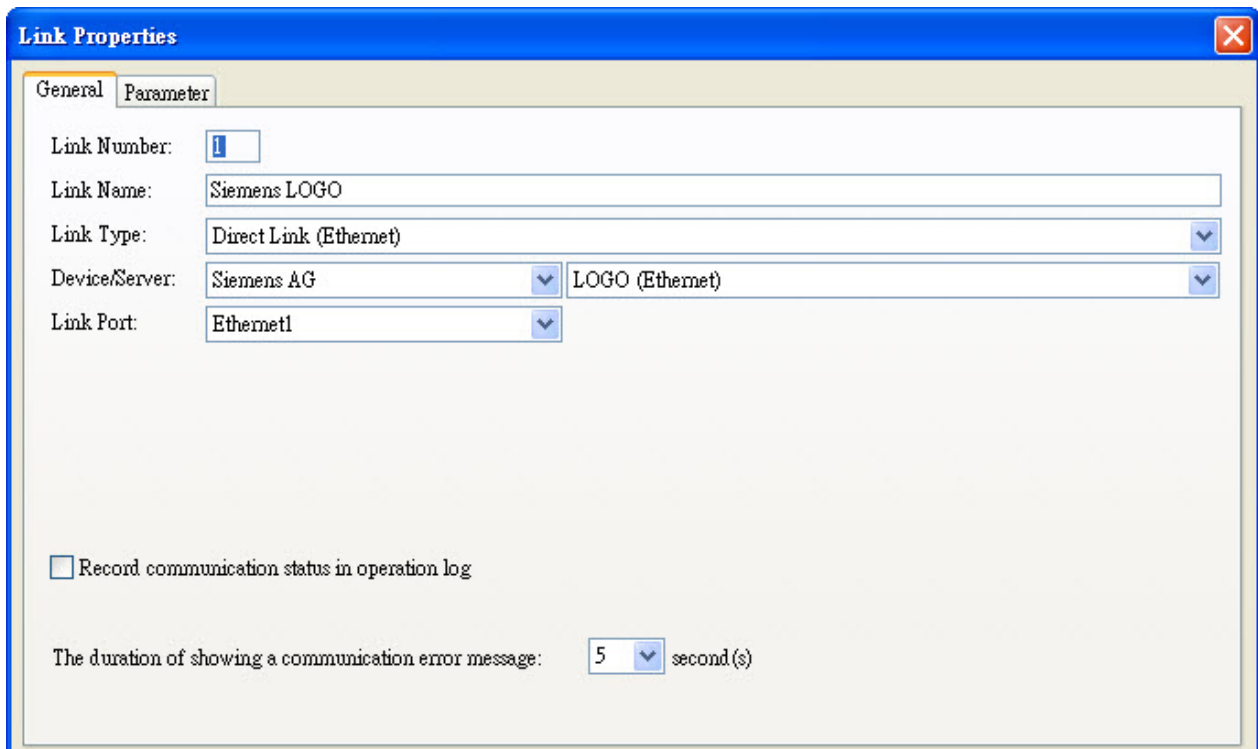
4. Download connection settings to Siemens LOGO.



Regarding the detail setting information, please refer to “SIMATIC LOGO” User Manual.

HMI Setting

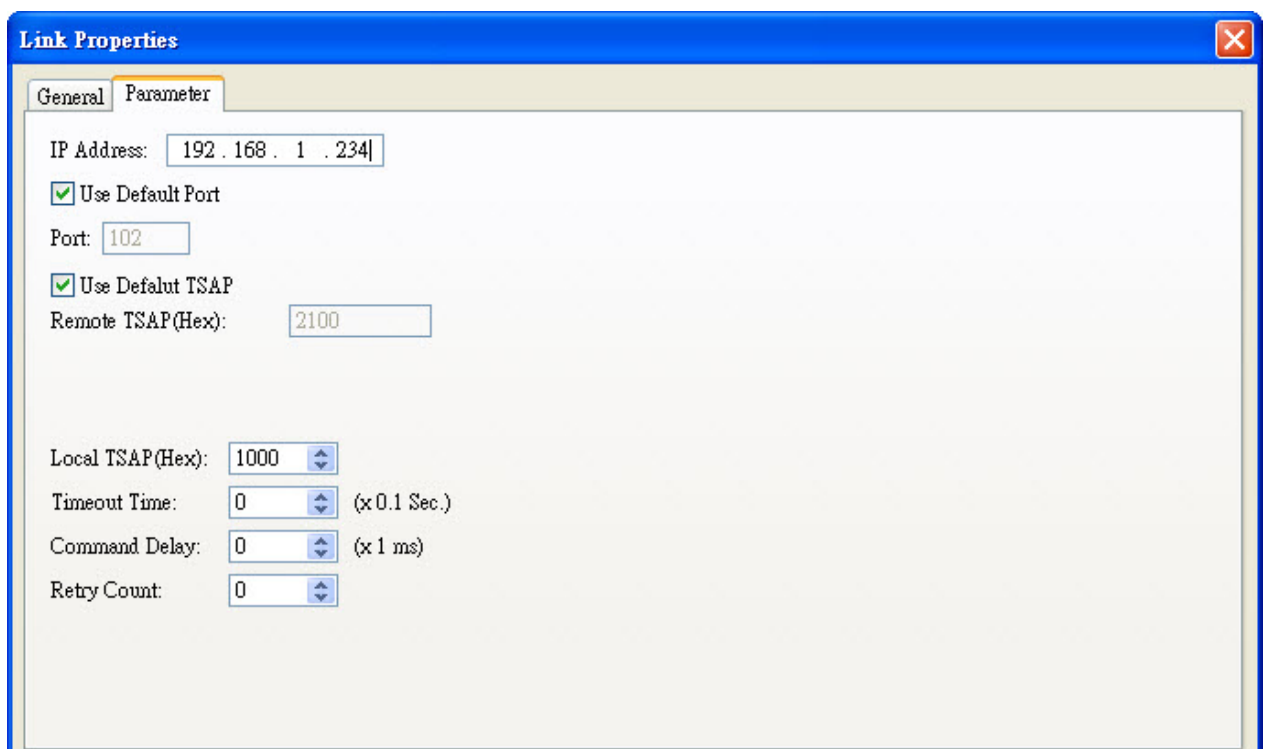
1. Select Siemens LOGO and setting the communication parameter.



The screenshot shows the 'Link Properties' dialog box with the 'General' tab selected. The fields are as follows:

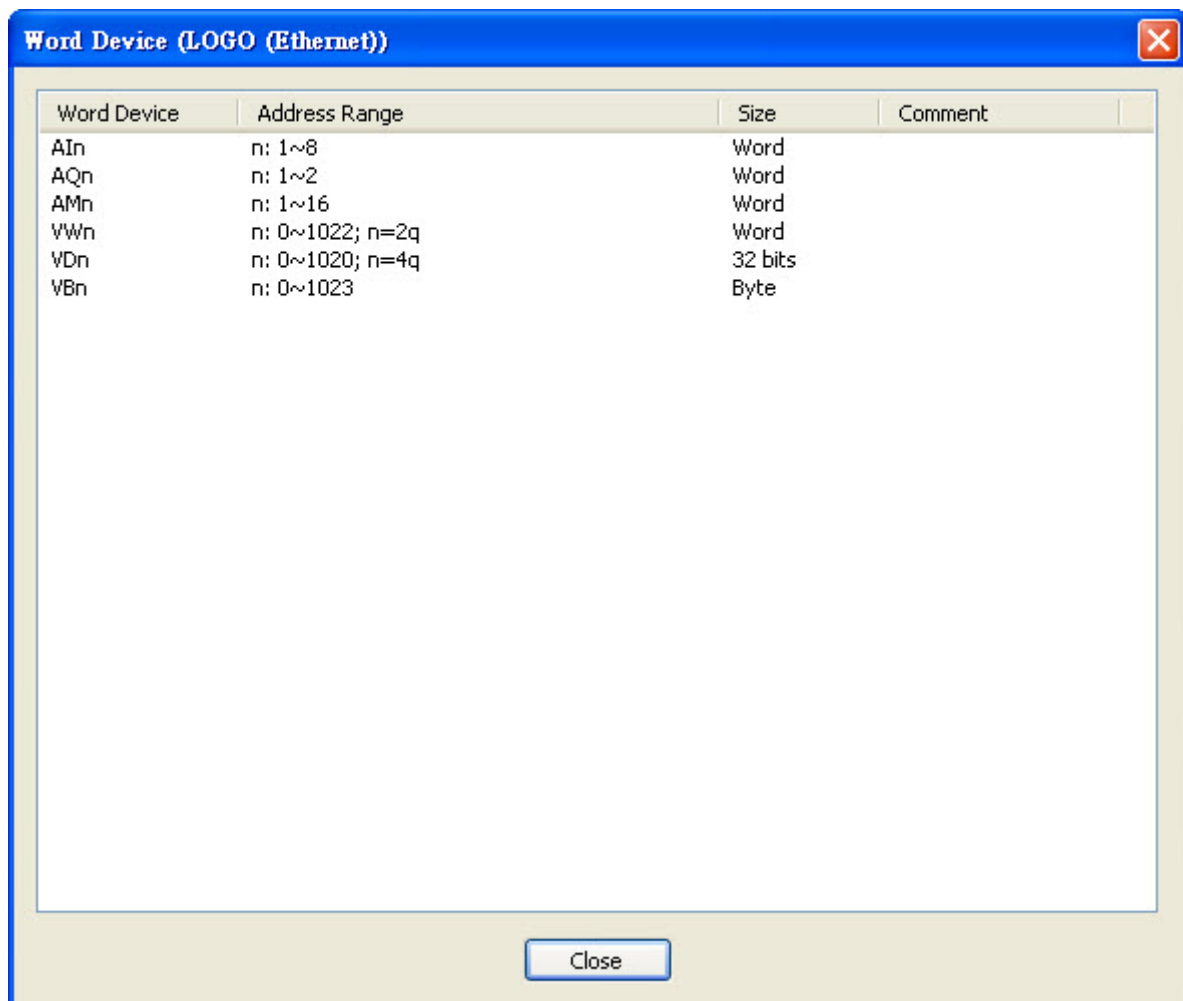
- Link Number: 1
- Link Name: Siemens LOGO
- Link Type: Direct Link (Ethernet)
- Device/Server: Siemens AG (dropdown), LOGO (Ethernet) (dropdown)
- Link Port: Ethernet1 (dropdown)
- Record communication status in operation log
- The duration of showing a communication error message: 5 second(s)

2. Set the local TSAP value to 1000(default).



The screenshot shows the 'Link Properties' dialog box with the 'Parameter' tab selected. The fields are as follows:

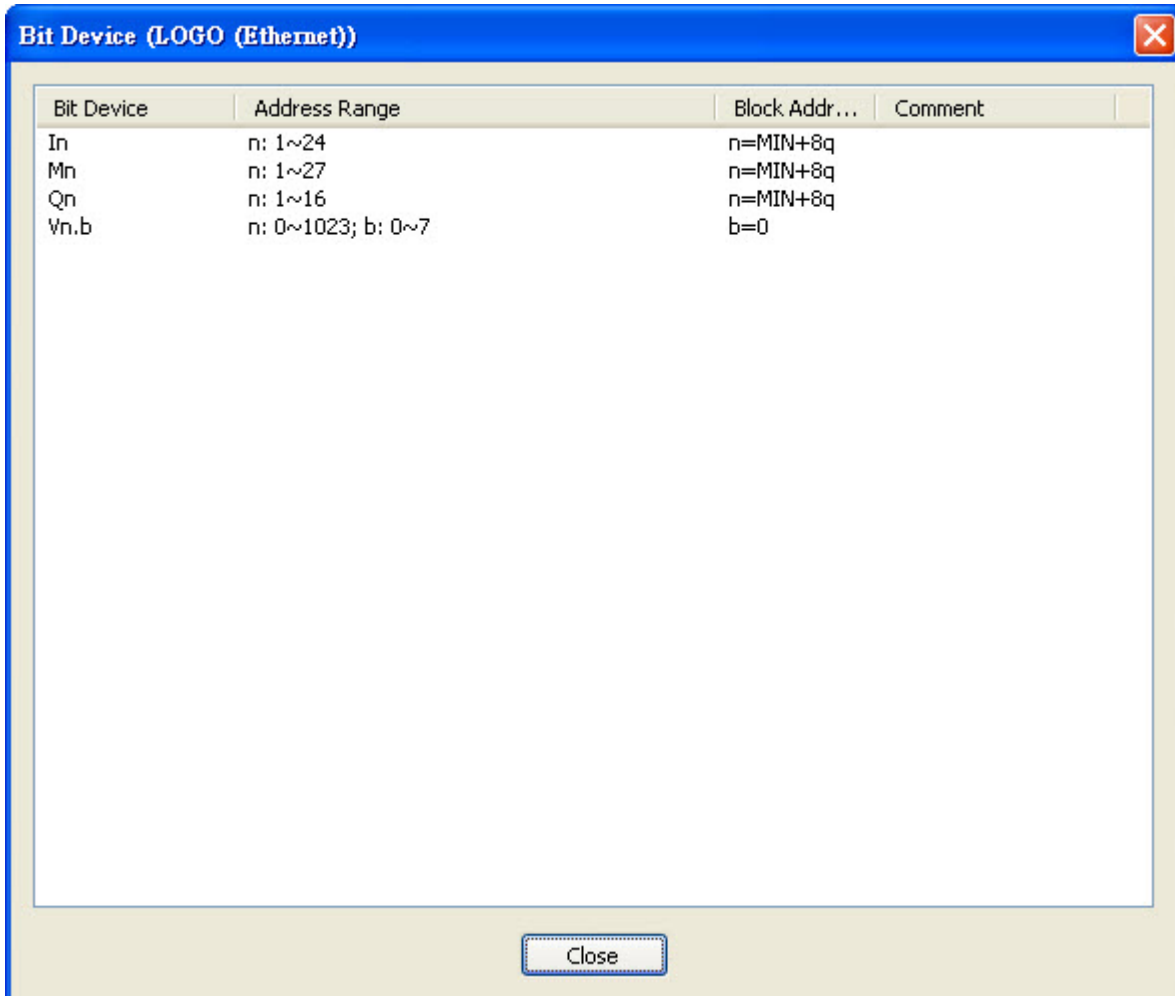
- IP Address: 192.168.1.234
- Use Default Port
- Port: 102
- Use Defalut TSAP
- Remote TSAP(Hex): 2100
- Local TSAP(Hex): 1000
- Timeout Time: 0 (x 0.1 Sec.)
- Command Delay: 0 (x 1 ms)
- Retry Count: 0

PLC Device List

Word Device	Address Range	Size	Comment
AIn	n: 1~8	Word	
AQn	n: 1~2	Word	
AMn	n: 1~16	Word	
VWn	n: 0~1022; n=2q	Word	
VDn	n: 0~1020; n=4q	32 bits	
VBn	n: 0~1023	Byte	

Close

Word Devices:



Bit Device	Address Range	Block Addr...	Comment
In	n: 1~24	n=MIN+8q	
Mn	n: 1~27	n=MIN+8q	
Qn	n: 1~16	n=MIN+8q	
Vn.b	n: 0~1023; b: 0~7	b=0	