OMRON CJ/CS/CP (Ethernet - FINS/TCP)

Supported Series: OMRON CJ Series, CS Series, CP Series +Ethernet Module. (Ethernet FINS)

Website: http://www.omron.com/

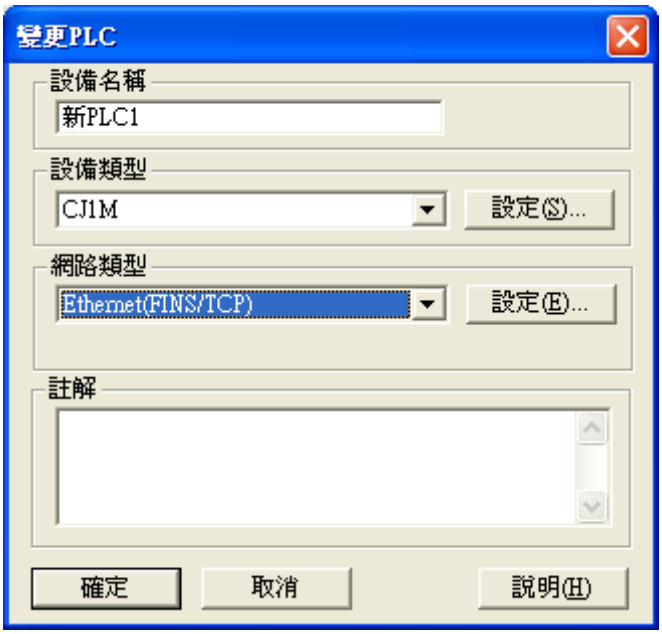
*On initialization, switch from RUN MODE to MONITOR MODE.

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	OMRON CJ/CS/CP (Ethernet - FINS/TCP)		
PLC I/F	Ethernet		
Port no.	9600		
PLC sta. no.	0		

PLC Setting:

Communication mode	Ethernet (FINS/TCP) protocol



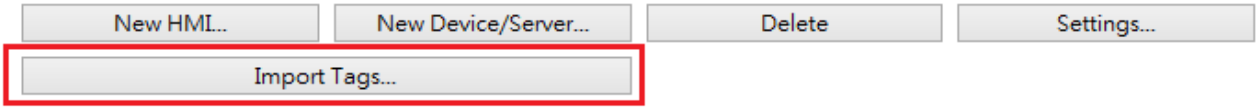
Import Tags:

1. Export the ***.cxr** file in cx-programmer -> variables

[Important]: Only addresses with tag name can be imported, and address type is required

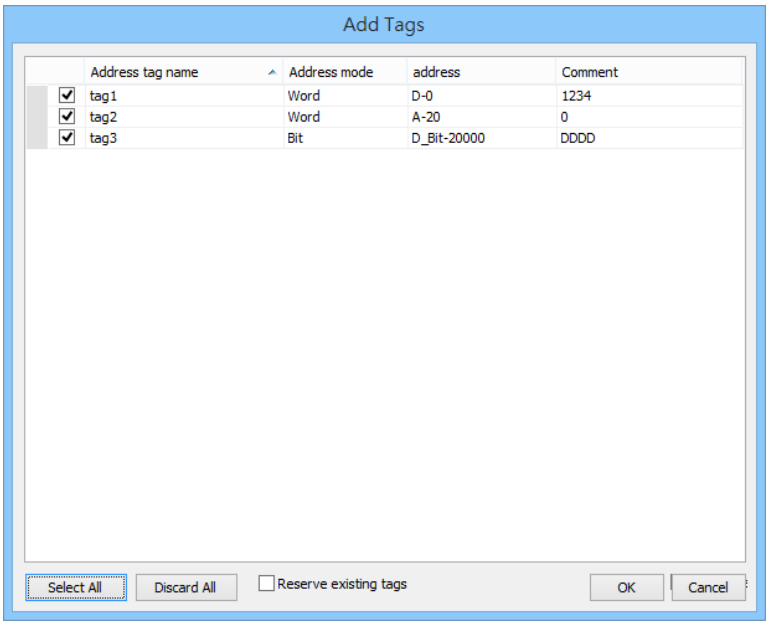
No	TagName	Type	Address	Comments		can be imported?
1.	Estop	BOOL	0.01	E.STOP	0	Not ok,address without address type
2.	Auto_Start_Stop	BOOL	H0.00	START/STOP	0	OK
3.		CHANNEL	D150	ANIMATED	0	Not ok,no tag name

2. Open EasyBuilder Pro, and set the drive parameters in **[System Parameter Settings]**, click [**Import Tags**].

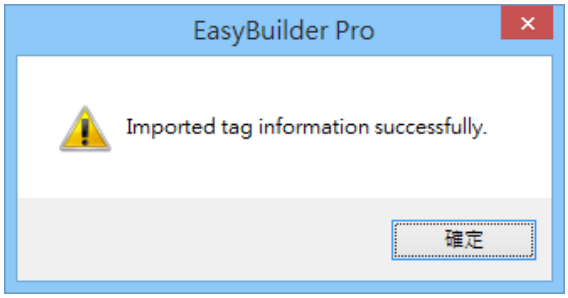


3. Select *.cxr file

4. Check the TAG that the project needs to use.



5. Imported tag information successfully.



Device Address:

Bit/Word	Device type	Format	Range	Memo
B	CIO_Bit	DDDDDdd	0 ~ 3276715	Channel I/O (CIO)
B	W_Bit	DDDDDdd	0 ~ 3276715	Work Area (WR)
B	H_Bit	DDDDDdd	0 ~ 3276715	Holding Area (HR)
B	A_Bit	DDDDDdd	0 ~ 3276715	Auxiliary Relay (AR)
B	D_Bit	DDDDDdd	0 ~ 3276715	Data Memory (DM)
B	T_Bit	DDDDDdd	0 ~ 3276715	Timer (TIM)
B	C_Bit	DDDDDdd	0 ~ 3276715	Counter (CNT)
B	C_Flag	DDDD	0 ~ 4095	
B	T_Flag	DDDD	0 ~ 4095	
B	EM0_Bit ~ EM18_Bit	DDDDDdd	0 ~ 3276715	Extend Memory
W	CIO	DDDDD	0 ~ 32767	Channel I/O (CIO)
W	W	DDDDD	0 ~ 32767	Work Area (WR)
W	H	DDDDD	0 ~ 32767	Holding Area (HR)
W	A	DDDDD	0 ~ 32767	Auxiliary Relay (AR)
W	C	DDDDD	0 ~ 32767	Counter (CNT)
W	T	DDDDD	0 ~ 32767	Timer (TIM)
W	D	DDDDD	0 ~ 32767	Data Memory (DM)
W	EM0 ~ EM18	DDDDD	0 ~ 32767	Extend Memory

Wiring Diagram:

Ethernet cable:

