

YOKOGAWA FA-M3

Supported Series : FA-M3 CPU SP35-5N, SP55-5N CPU port, F3LC11 Computer Link module.

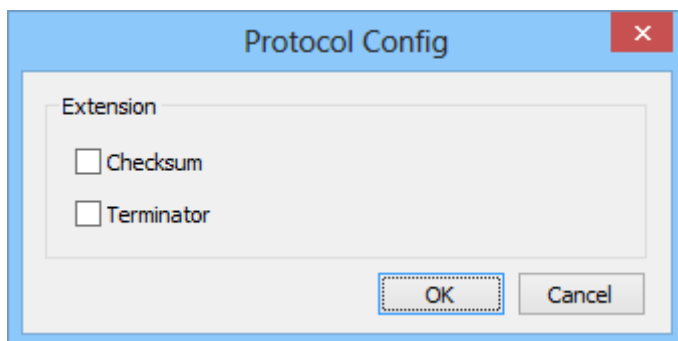
Website : <http://www.yokogawa.com/itc/itc-index-en.htm>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	YOKOGAWA FA-M3		
PLC I/F	RS232		
Baud rate	19200	9600 ~ 115200	
Data bits	8	7, 8	
Parity	Even	Even, Odd, None	
Stop bits	1	1, 2	
PLC sta. no.	1	1-32	

cMT-G03 Gateway	Yes
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The **[Protocol Config]** settings of dMT-G03 and upper HMI must be the same.

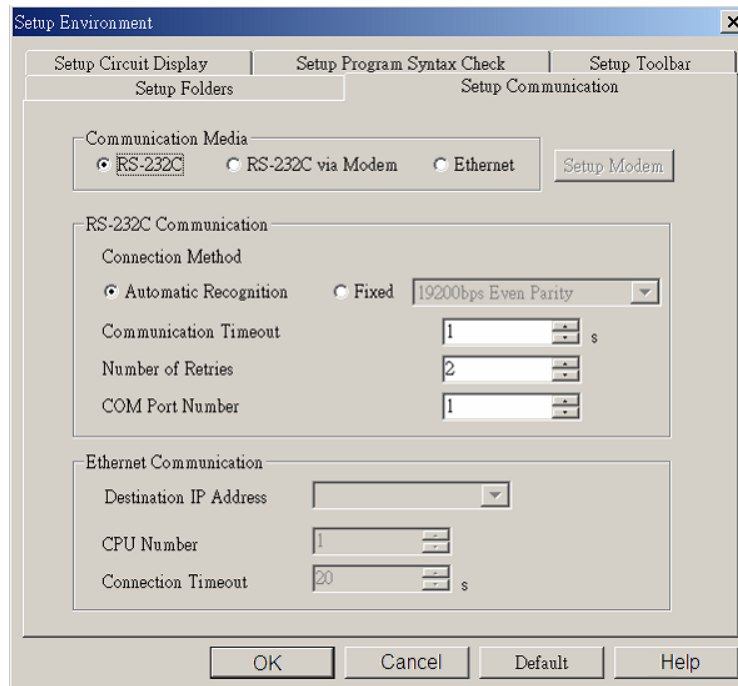


PLC Setting:

Communication mode	Use Personal Communication Link Use checksum Use End Character
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WideField communication setting:

For WideField communication setting, select [Tool]/ [Set Environment], the default is [Automatic]. Using the Automatic Recognition, WideField software will connect the current PLC and get the PLC communication setting. If the PLC communication configuration is already known, select the [Fixed] mode, It will connect with the PLC quickly.



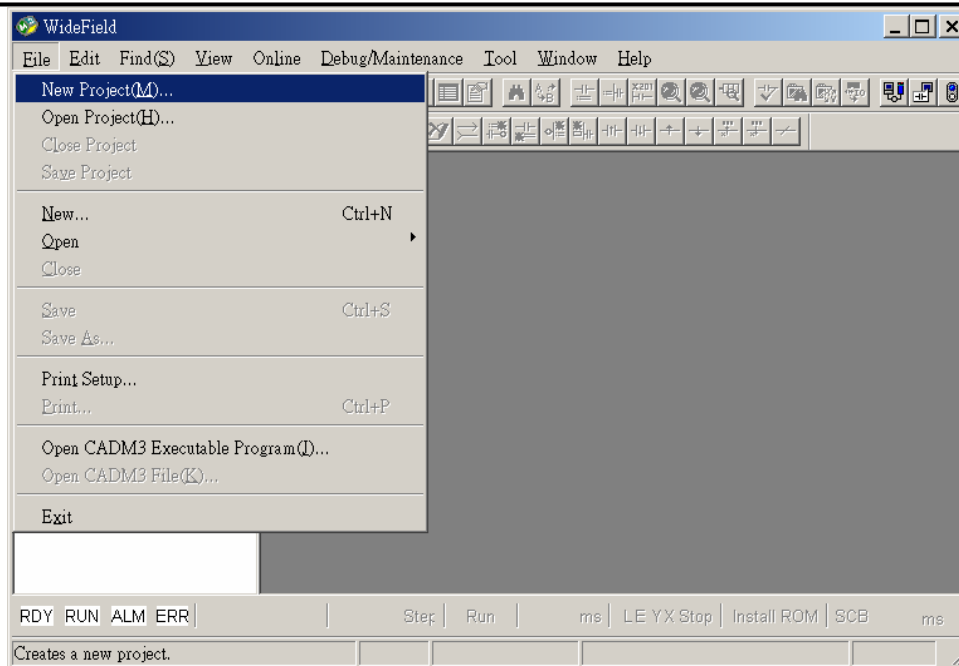
P.S Since Personal Computer link is used, when connecting to PLC it will delay about 20sec for testing communication.

YOKOGAWA PLC Communcation Setting:

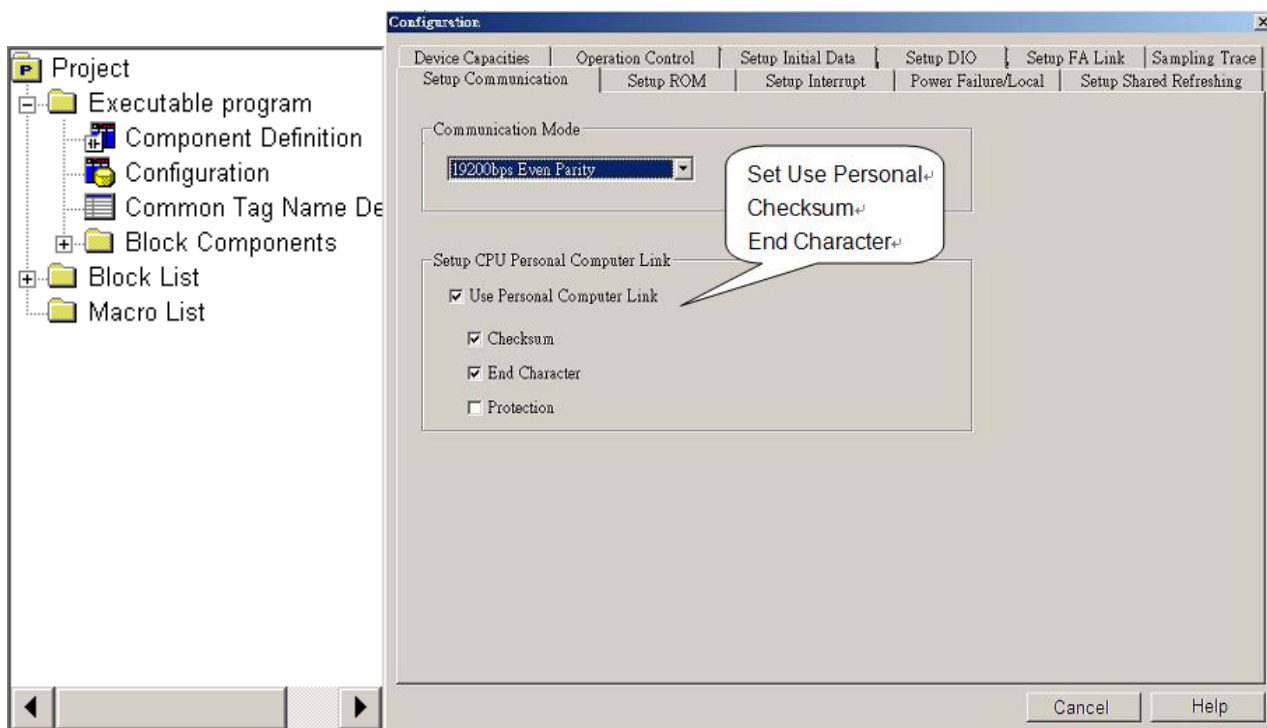
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CPU SP55-5N (same SP35-5N)

[File] /[New Project] to create a new project.



Click [Configuration] to set up communication.



Device Address:

Bit/Word	Device	Format	Range	Memo
B	X	DDDDD	0 ~ 71664	
B	Y	DDDDD	0 ~ 71664	
B	I	DDDDD	1 ~ 65535	
B	M	DDDD	1 ~ 9984	
B	L	DDDDD	0 ~ 78192	
W	D	DDDDD	1 ~ 65535	
W	B	DDDDDD	1 ~ 262144	
W	V	DDD	1 ~ 256	
W	W	DDDDD	1 ~ 78192	
W	Z	DDDD	1 ~ 1024	
W	F	DDDDDD	1 ~ 524288	

Wiring Diagram:

Diagram 1

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.

