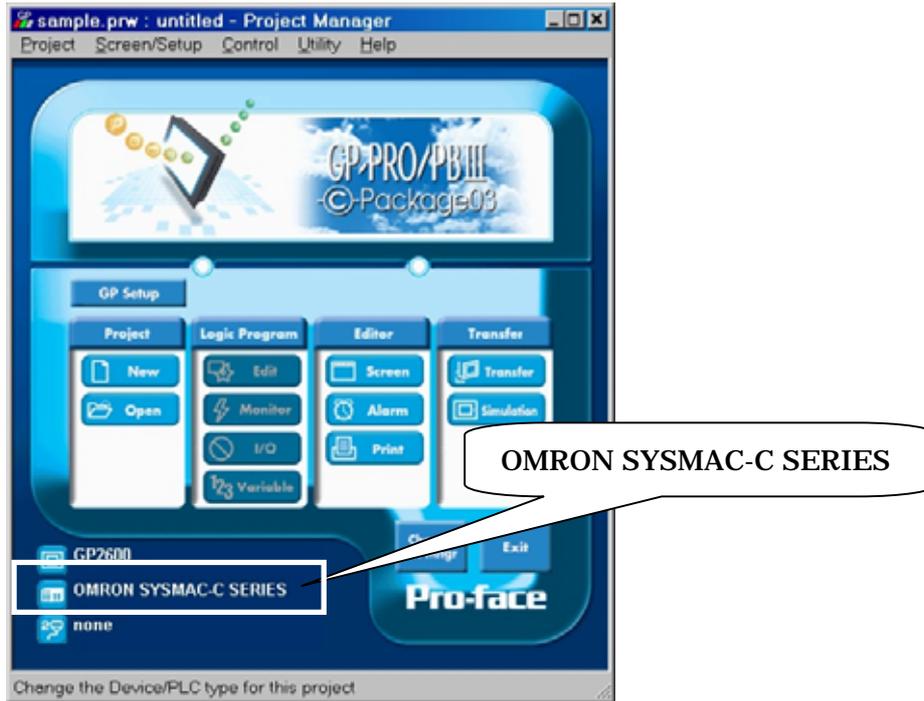


OMRON Corporation PLC SYSMAC C Series Connection

Selecting PLC Type

Start up GP-PRO /PBIII.

Select the following PLC Type when creating the project file.



Communication Setting Sample

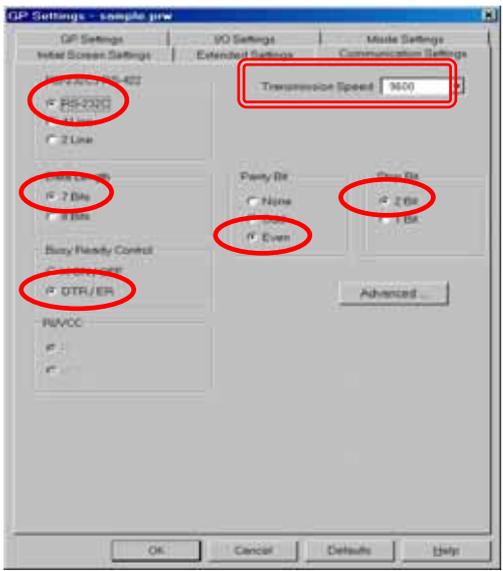
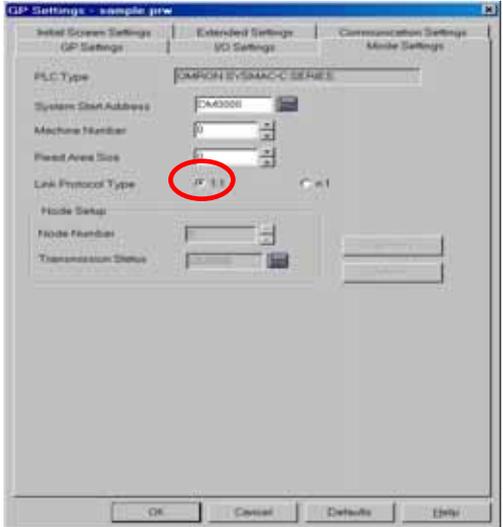
■ SYSMAC-C Series

GP Setup		PLC Setup	
Baud Rate	9600bps	Baud Rate	9600bps
Data Length	7 bits	Data Length	7 bits
Stop Bit	2 bits	Stop Bit	2 bits
Parity Bit	Even	Parity Bit	Even
Data Flow Control	ER Control		_____
Communication Format	RS-232C		_____
Unit No.	0	Station No.	0

Communication Settings [GP]

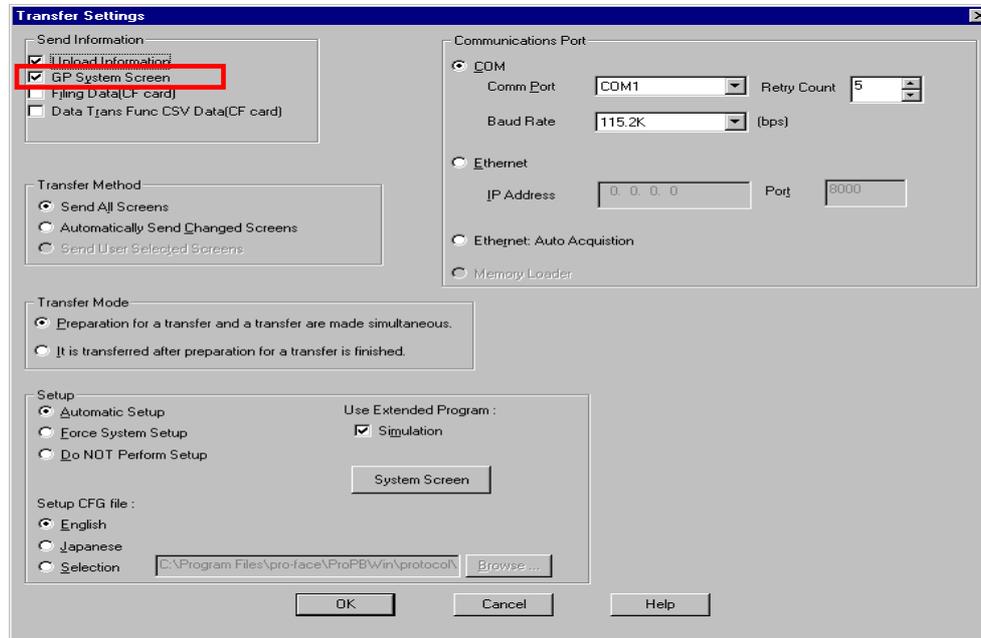
1. [GP-PRO/PB C-Package Setting]

Select [GP Setup] on Project Manager.

<p><u>1) Communication Settings</u></p> 	<p><u>1) Communication Settings</u></p> <p>Transmission Speed: 9600bps Data Length: 7 Bits Stop Bit: 2 Bits Parity Bit: Even Busy Ready Control: DTR / ER RS-232C/ RS-422 RS-232C Connection: RS-232C</p> <p>* Change in <input type="text"/> .</p>
<p><u>2) Mode Settings</u></p> 	<p><u>2) Mode Settings</u></p> <p>System Start Address: Arbitrary Address Machine Number: 0 Link Protocol Type: 1:1</p>

Select [Transfer] --> [Setup] --> [Transfer Settings].

3) Transfer Settings



3) Transfer Settings GP System Settings: Checked

Transfer to GP after settings completed.

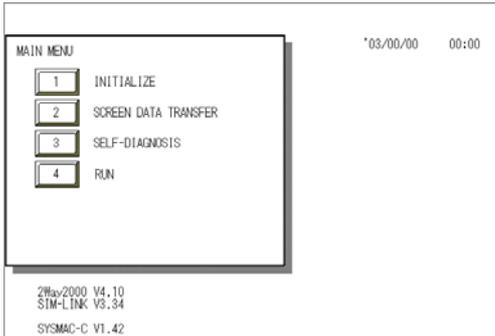
2. [GP Settings]

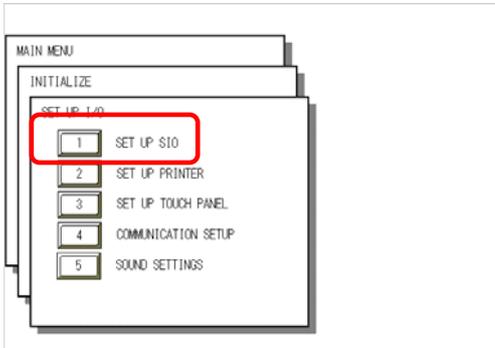
- Displaying Setting Screen -

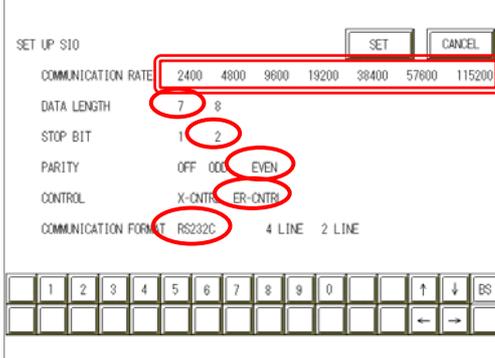
Touch the top left of the screen within 10 second after powering on.

Or touch the top right and the bottom right of the screen at the same time. Keep 2 points touched and touch the bottom left. The menu bar will display on the bottom of the screen.

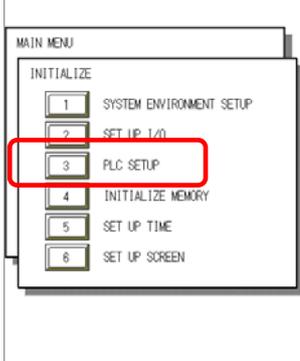
Then touch [Offline].

<p><u>1) Checking GP Type</u></p> 	<p><u>1) Checking GP Type</u></p> <p>If you have selected OMRON SYSMAC-C Series, following will be shown.</p> <p>“SYSMAC-C”</p>
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<p><u>2) Communication Settings</u></p> 	<p><u>2) Communication Settings</u></p> <p>[MAIN MENU] ↓ [INITIALIZE] ↓ [SET UP I/O] ↓ [SET UP SIO]</p>
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	<p>Communication Rate: 9600bps Data Length: 7 Bits Stop Bit: 2 Bits Parity: Even Control: ER Cntrl Communication Format RS-232C Connection: RS-232C</p> <p>* Change in <input type="text"/> .</p>
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3) Setting up Operation Surroundings

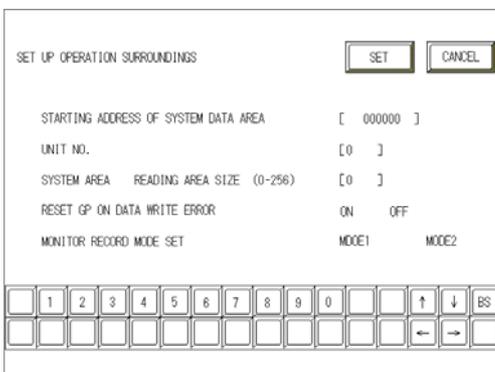


3) Setting up Operation Surroundings

[MAIN MENU]
 ↓
 [INITIALIZE]
 ↓
 [PLC SETUP]
 ↓
 [PLC SETUP]



SET UP OPERATION SURROUNDINGS MENU:
 1:1



Starting Address of System Data Area:
 Arbitrary Address
 Unit No.: 0

Communication Settings [PLC]

1. RS-232C Port on CPU Unit

Standard Settings	
Baud Rate	9600bps
Start Bit	1 Bit
Data Length	7 Bits
Stop Bit	2 Bit
Parity Bit	Even
Station No.	Station No. 0

* Communicate by default values (standard settings).

The maximum baud rate for C20H, C28H, and C40H is 9600bps.