Parameter map editor User's Manual

V1.0a

January 2014 1st Edition

INTRODUCTION

Introduction

Thank you very much for purchasing the product of our company.
This user manual for the program describes the method of parameter edition and modification of the products with the software.

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Revisions

January 2014 1st Edition

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Description of Important Symbol Marks and Units

In this program user manual, any warnings and important messages are indicated after the symbols listed below. Please look at the symbol marks carefully to help understanding of the manual.

Unit	
K	Denotes 1024 Byte or Kbyte
k	Denotes 1000
Notes	
	Indicates “warning” or “notification”. The company is not responsible for any problems caused by matter of violation.
	Additional explanation to help understanding the earlier description.
	Provides the references and pages to refer.
	Indicates controls with mouse.

Products on which the Software Manual Applies

- TEMI1000 : Programmable Temperature and Humidity Controller
- TEMP1000 1, 2 Loop : Programmable Controller

List of Modifications Made on the Program

Edition	Update	Date
1	Program release ver. 1.0a TEMI/TEMP1000 series driver files support	January 2014
2		

CHAPTER 1 INTRODUCTION TO PME

1.1 INTRODUCTION TO PME

1.1.1 Main Features

The Parameter Map Editor, PME, is PC software for setting parameters for the inner operation of the products, TEMI1000 and TEMP1000 series from the Samwon Tech Inc. You can check, edit and compare the D-Register inside the products and also set the same parameters for many different products by saving the information as map files.

Operates Offline

Communication between the products is not necessary for setting parameters for each product. The software operates offline the way the user has set already. If there is any changed made by the user, the linked parameters operate the same as the products.

Saving and Opening Parameter Files

A parameter data set by the user can be saved as a file in local PC and the file can be opened on another PC by sending with email or copying. In case of display damages and A/S requirements, you may preliminarily diagnose by sending the parameter files first.

Upload & Download Parameter Data

You may download the user set parameter files through a communication setting between products or upload the parameter files using PC. Also you can download a same parameter on many different products continuously.

Automatic Product Type Check

Even if the version and type of the user's product is unknown, it automatically reads the product details including the model name and version of the connected product to establish the right parameter setting environment for the product.

1.1.2 Installation and Update Version Management

This program can be installed on the Microsoft Window (32, 64bit) operating system and the recent program can be checked on the company website (www.samwontech.com).

Information

- This program is for setting parameters for a specific hardware system. Although an independent operation of the program is possible without certain product, it could only be used for transferring saved files of parameter settings.

1.2 Operation System Requirements

1.2.1 Hardware

This program requires PC that satisfies the following minimum requirements to operate.

Item	Requirement	Note
Operation System	WindowXP, Vista, 7, 8	32, 64Bit
CPU	Pentium or higher	
Memory	1G	
Communication Environment	Serial (RS232), Ethernet	Check supported options by products
Other Programs	Microsoft Excel 97 or higher	Required to convert files

1.2.2 Other Operation Environment

- Serial communication cable or Serial to USB converter cable
- For the products that provides ethernet communication option, etnernet communication cable and RJ45 connector are required
- Adobe Reader 7 or later version is required to read this manual.
- Product (option) for the Download·Upload task of the product

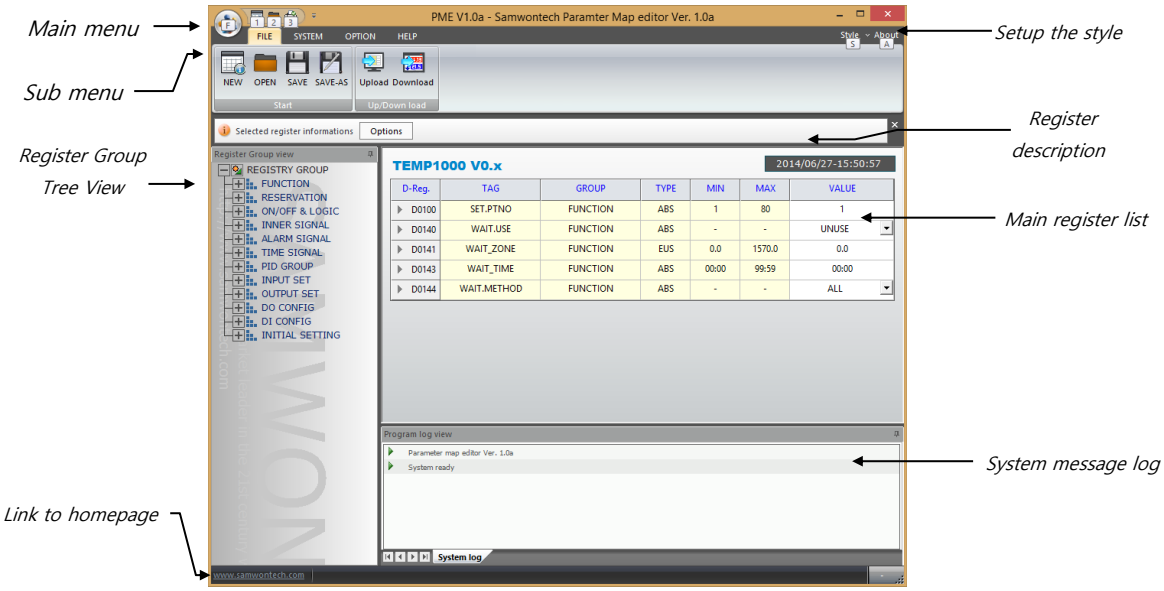
Information

- You may check the details of the products that supports program "*Introduction- Applicable products*"

1.3 Main Screen and Menu of the Program

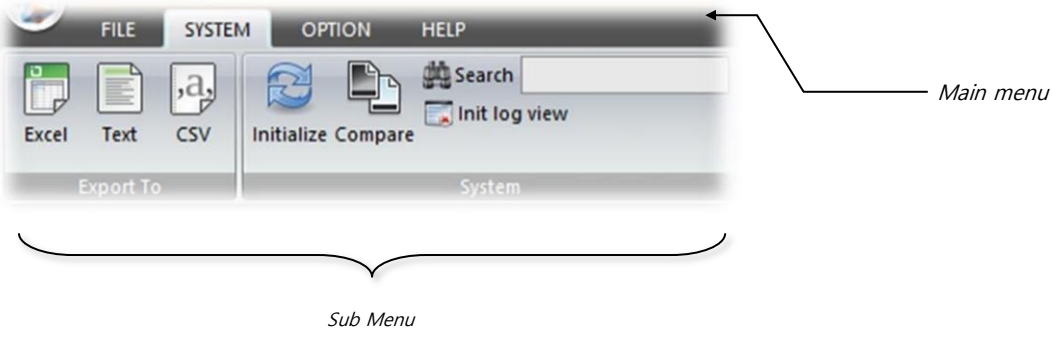
1.3.1 Main Menu

This program is composite of the main list output window that gives each parameter data of programs, group tree window that is arranged by parameter groups, user log output window that gives user message and process result and the user command menu.



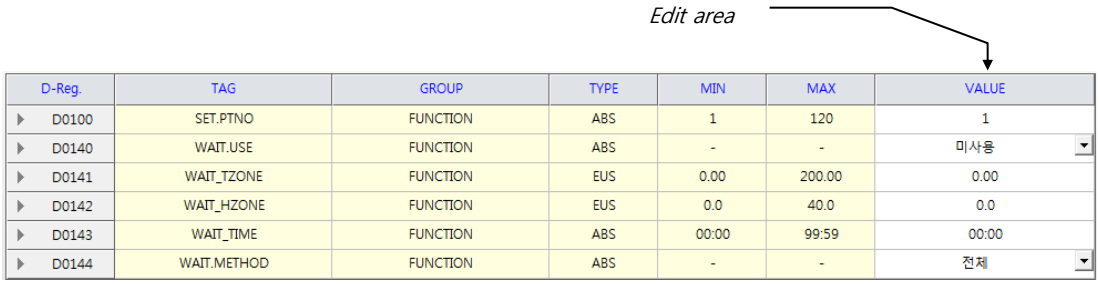
Ribbon Menu

The program menu has the main menus and the respective sub menus. You can quickly choose a desired function by arranging the main menu with common options. The icons of sub menu will appear once you click on a main menu.



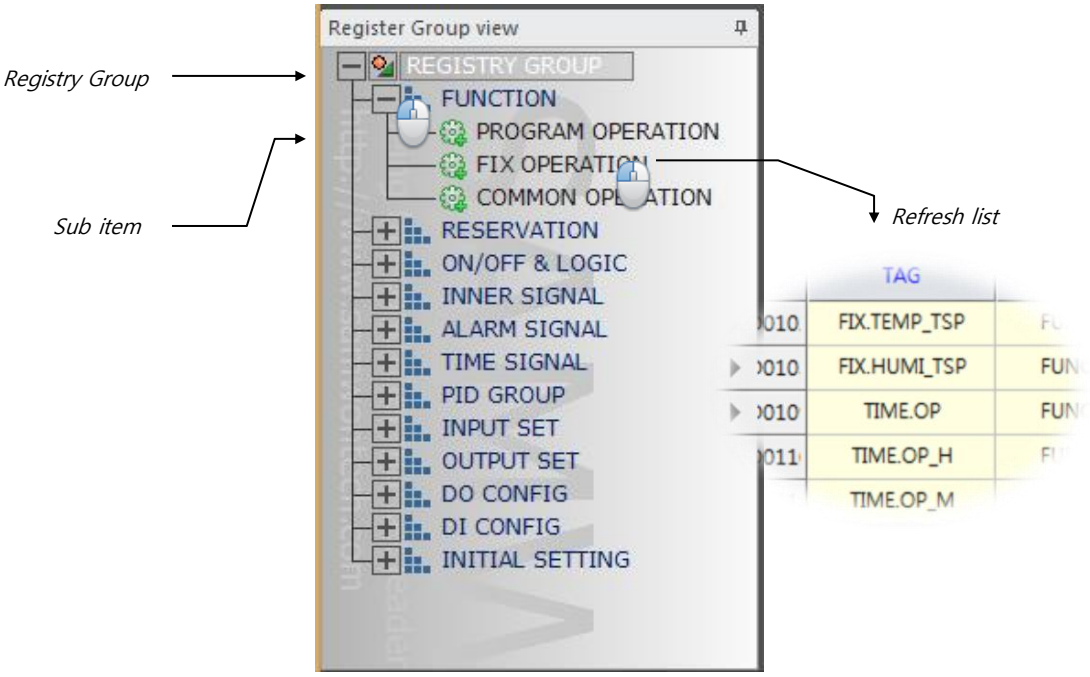
Parameter Output List Window

You may get the output of the product register information or view/edit the selected product register information. The registration information is listed in rows and you can activate the edit mode by clicking on your mouse. The details of selected register are available on the "Register Description" window.



Registry Group Window

The whole registers are given in a form of a tree of groups of similar objectives. You can view the list of registers under a group if you extend a group by clicking on the node. Once you click on the group you can open it and it will be presented on the list window.



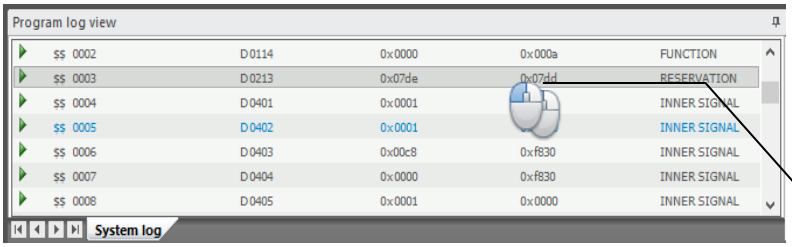
Each group of register is arranged / written with the screen interface base of the product, but due to the program's characteristics a merged or transferred item may appear.

Information

- A message of warning may appear if you select a group that influences the "INPUT SET" or other register information.
- The arrangement of each group may differ depending on the type of the product.

System Message Output Window

It presents any system messages during the program operation or gives the output of the register search / comparison processes. Other than these, it could also show the causes and solutions to errors occurring. For a message that has an address of a register, you can move to the register by double clicking on it.



Move to selected register group

D-Reg.	TAG	GROUP	TYPE	MIN	MAX	VALUE
D0401	IS1.TYPE	INNER SIGNAL	ABS	-	-	SP
D0402	IS1.BAND	INNER SIGNAL	ABS	-	-	IN-B
D0403	IS1.TEMPRH	INNER SIGNAL	EU	-200.0	1370.0	-200.0
D0404	IS1.TEMPRL	INNER SIGNAL	EU	-200.0	-200.0	-200.0
D0405	IS1.TEMPDYT	INNER SIGNAL	ABS	00:00	99:59	00:00

1.3.2 Menu Composition

The program menu consists of the main menus on the top and sub menus that belong to each main menu. The description of each menu is below.

Description of Sub Menus

Main Menu	Sub Menu	Working
File	New Project	Select the product type of the selected item and create a new parameter.
	Open	Open a previously saved file and reopen the screen.
	Save	Save the selected parameter as a file.
	Save as	Save the selected parameter as a new file.
	Upload	Set the parameter from a connected product on PC.
	Download	Apply the selected parameter on the product.
System	Convert to Excel	Convert the currently selected parameter as an excel file.
	Convert to Text	Convert the currently selected parameter as a readable text file.
	Convert to CSV file	Convert the currently selected parameter as a CSV file.
	Reset	Factory reset every values set by the user.
	Parameter Comparison	Compare and output the result of the comparison between connected product and the currently set values.
	Search	Search register by key words like tag names and descriptions.
	Reset User Log	Delete all log history listed at the bottom of the log window.
Setting	Hide Status Bar	Hide or show the program status bar.
	Hide Caption Bar	Hide or show the program caption bar.
Help	Current File Information	Show information on the file you are currently working on.
	Program Information	Show program information.

The main menu is grouped by main features of the program and it consists of "File", "System", "Setting" and "Help". When you click on a main menu, the sub menus under it will appear in the tool bar at the top of the program.

Information

- The output language of menu is the same as the language of the OS it is operating on. For any other languages than Chinese, English and Korean, the default language, English, will be the output language.
- The command to convert to excel file requires Microsoft Excel 97 or higher version installed on the system the program is running on. (Except for CSV files)

1.3.3 Flow of Program Operation

The basic order of the product operation supported by this program may differ depending on the product but generally the operation follows the order described below.

General Order of Program Operation

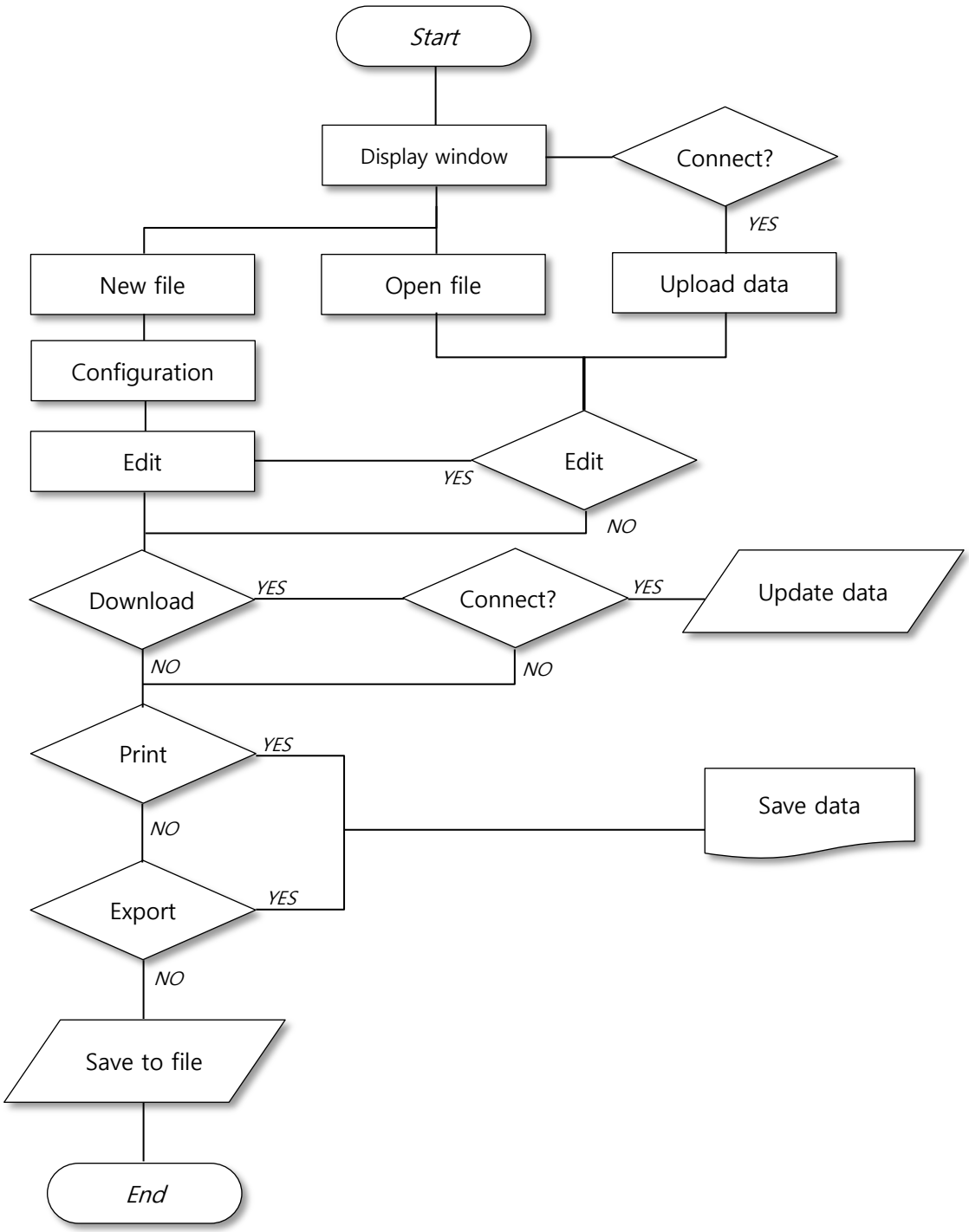
Procedure		
1.	Start	Start the program.
2.	Open	Open an existing file. Create a new project. Upload from a product.
3.	Edit	Enter the setting for entering sensor first if it exists. Enter the settings for maximum / minimum value for entering sensor. Edit other parameter information.
4.	Save	Save the entered parameter information as a dedicated file. You can convert to a file of Excel, Text or CSV. Enter the print setting and print.
5.	Setting	Set the communication environment for transferring parameters and select the device. Transfer the parameter information to a device.
6.	Finish	Start "Parameter Comparison" to see if the information is properly read by the product. Close the program.

Warning

- For the safety of the user, this program is constructed to not to download when the product is driving or the user password is wrong.

Workflow

The following describes the general program workflow.



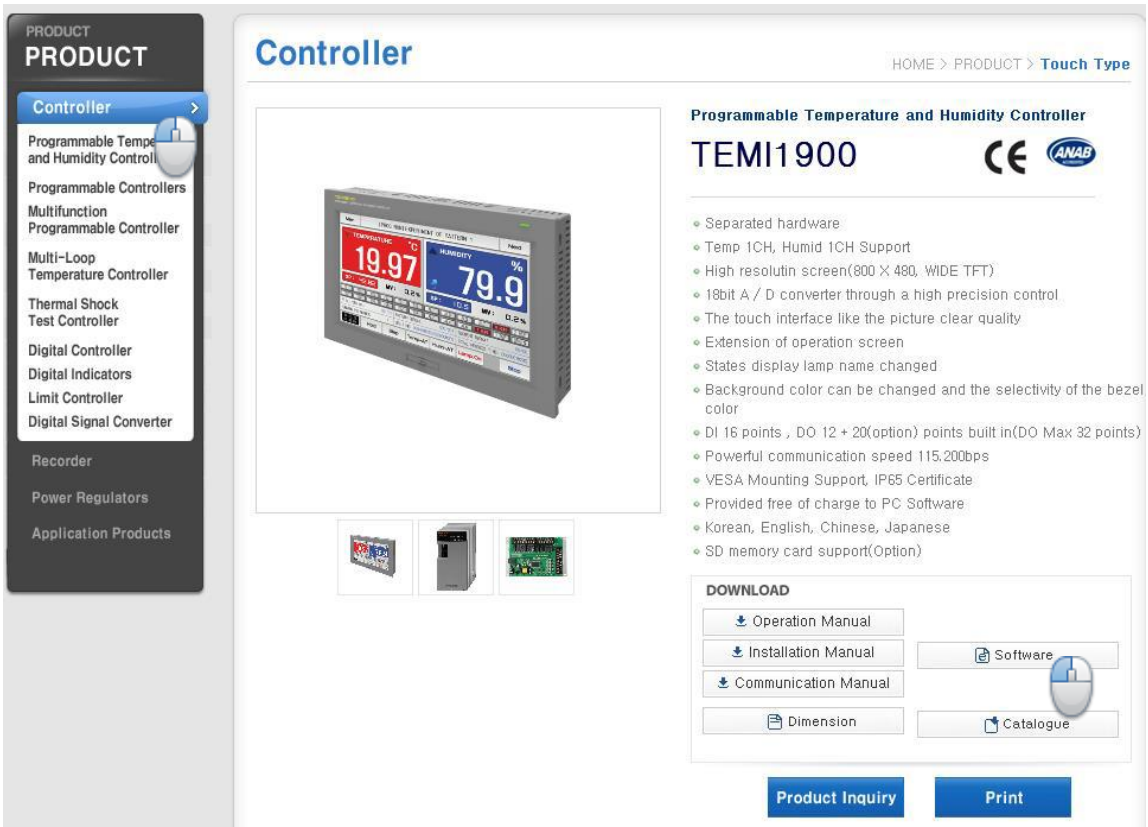
1.4 PREPARING HARDWARE

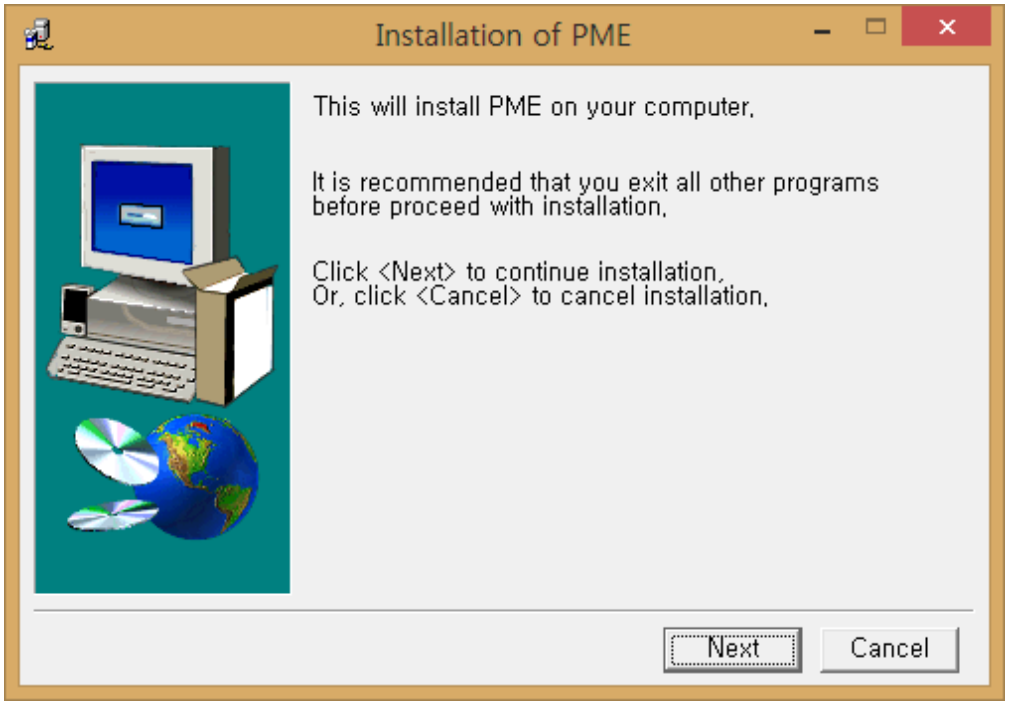
1.4.1 Prepare for Program Operation

This program is a PC software for setting operation parameters for TEMI1000 and TEMP1000 product series of Samwon Tech Inc. Editing and saving each parameter under offline-base are available without a product, but you must prepare cables for communication with a product and set other settings in order to run "Upload", "Download" and "Parameter Comparison" that are operated by communicating with the product.

Installation of the Program

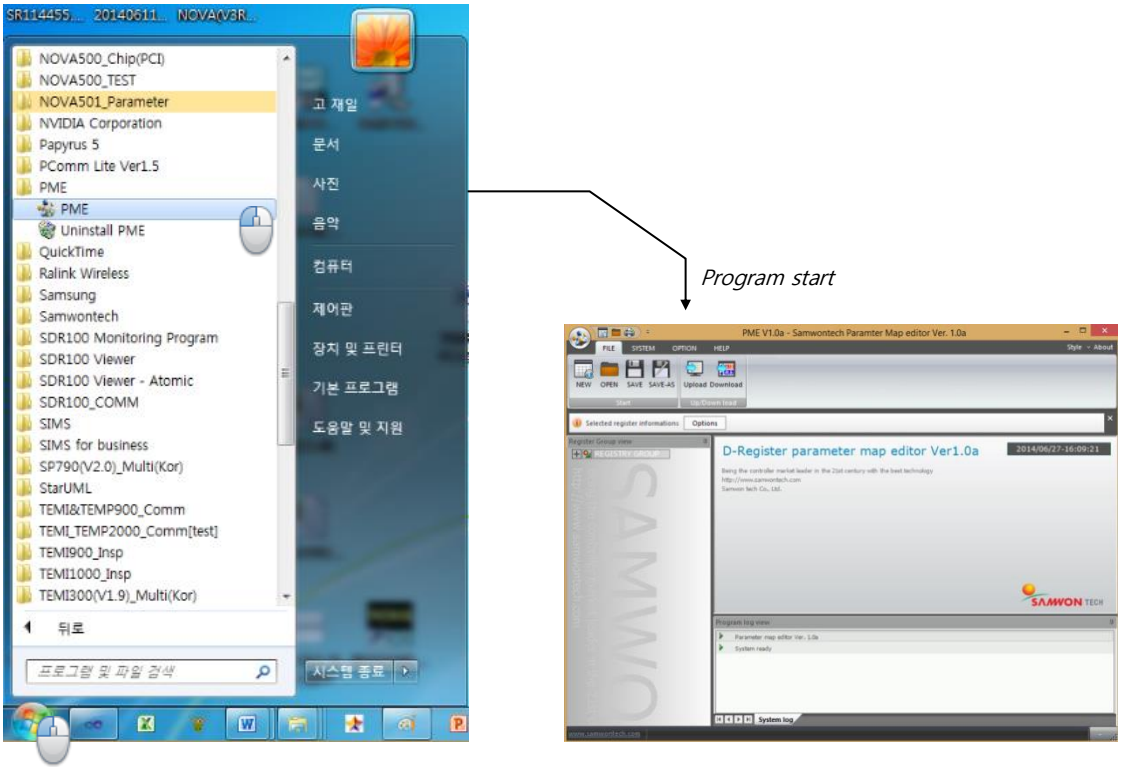
Download the latest version of the program on the company's website (www.samwontech.com), select and install the execution file.





Operation of the Program

Once the program is successfully installed, click on the "Start Window" button and select the "*PME (Parameter Map Editor)*" under "*SAMWONTECH.*"



Information

- The program installs automatically in order of the command outputs.
- The files and folders that appear after installation are essential in operating the program, so do not delete, move or change file name.
- If error is occurred while installing under a Window operation environment, please contact the place of purchase or the head office of the company.

1.4.2 Communication Environment Setting

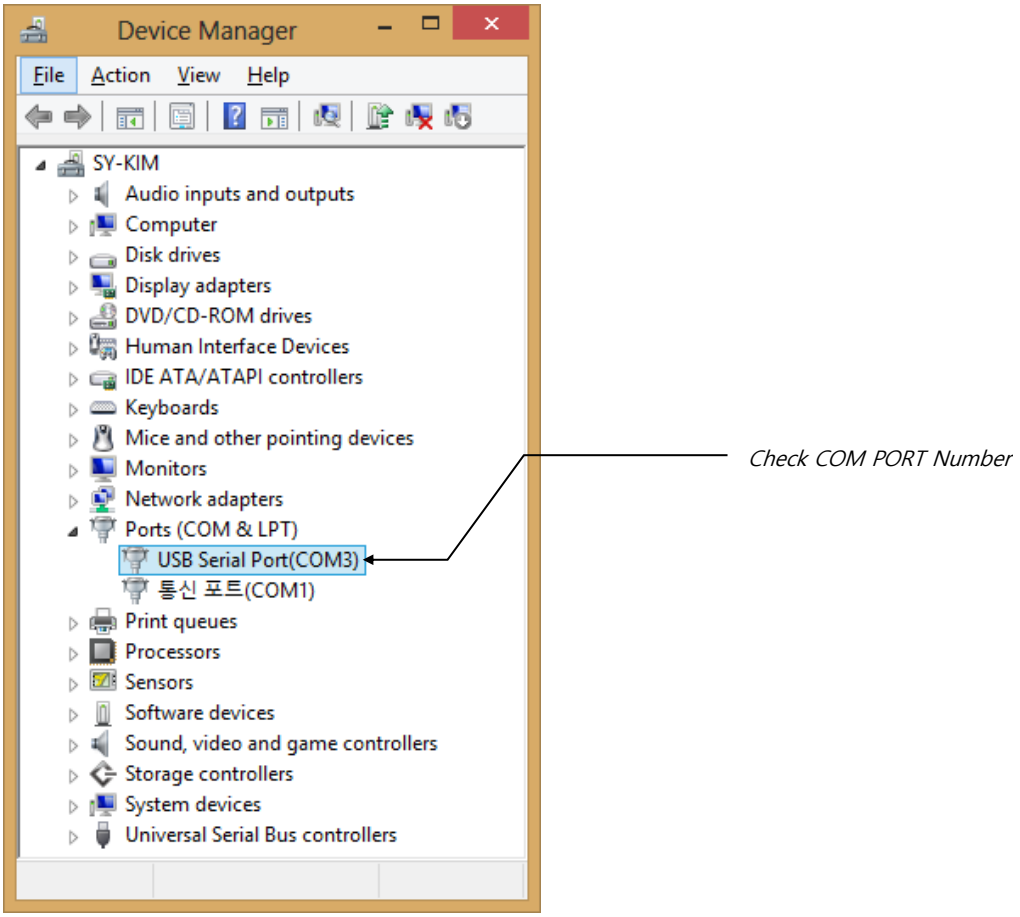
This program supports serial (RS232) and Ethernet communications for communication with the products. For the method of connecting the PC and a product with a cable, please refer to the "*product installation manual*".

Serial Communication Environment Setting

1 Check the communication environment setting of the product (refer to product installation manual)

2 Check the COM PORT of user's PC

- "*Control Panel*" → "*Device administrator*" → Check the communication port number from "*COM & LPT Port*"
- It may appear as the product name if you are using the "*USB to Serial cable.*"



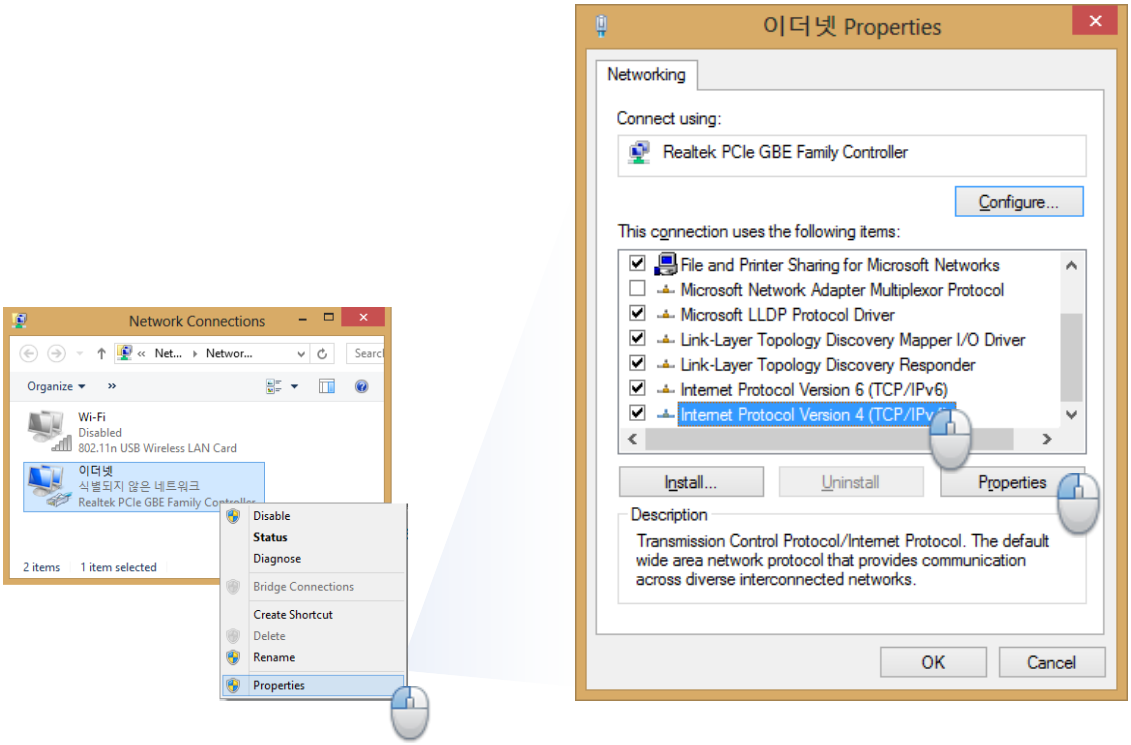
Ethernet Communication Environment Setting

In case of using the Ethernet communication, you must check whether the device product supports the communication. Depending on the specification of some devices the Ethernet communication may not be supported.

1 Check the communication environment setting of the device (refer to product installation manual).

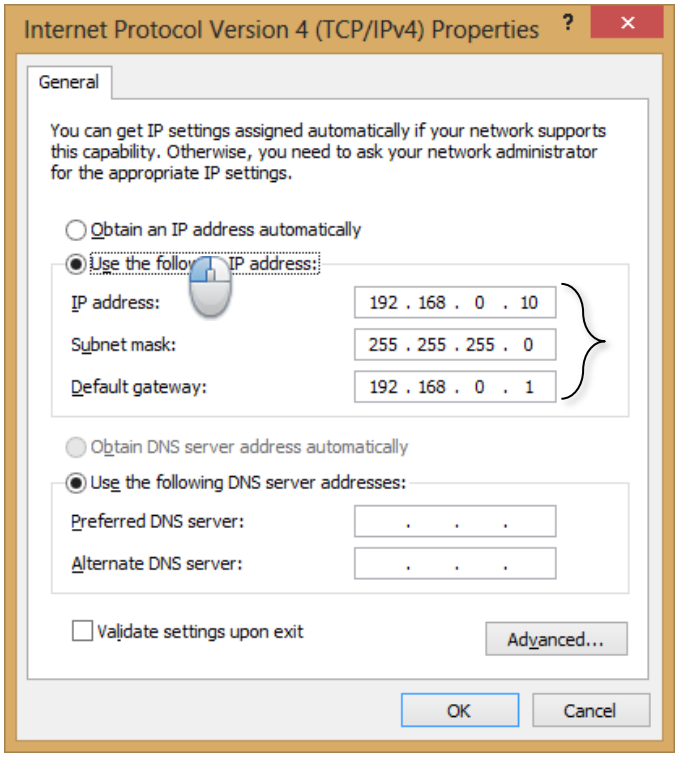
2 Ethernet network setting of the user's PC

- "Control Panel" → "Network and Internet" → Click on "Change Adaptor Setting"
- Select network adaptor, then "Ethernet properties"
- Select "TCP/IP v4" from the list then click on "Properties"



3 Ethernet Network Environment Setting

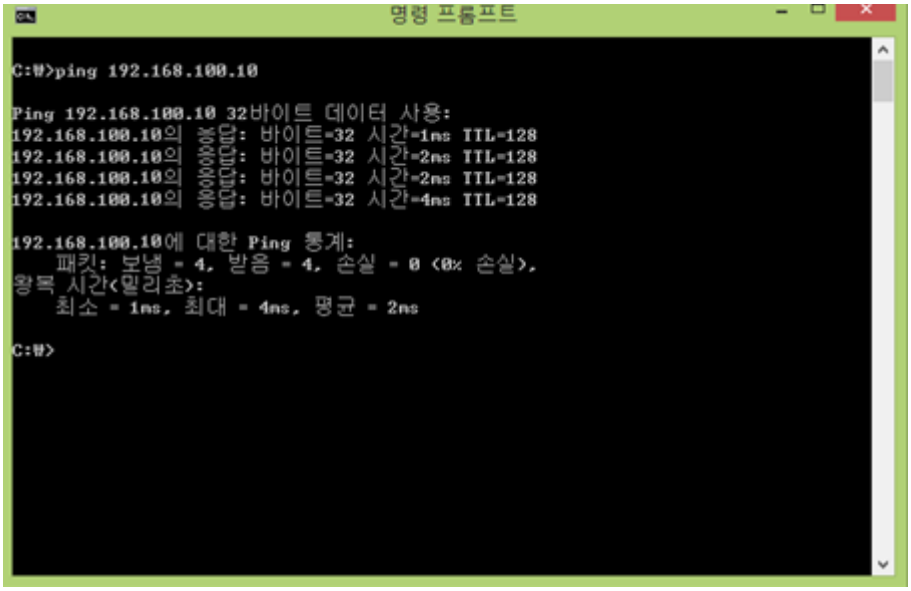
- Check "Use the following IP address"
- Enter the "IP address", "Subnet Mask" and "Default Gate Way"
  - The values of subnet mask and default gate way are the same as the ones in the device setting.



Setup ethernet options

4 Finish and check the network setting

- Check the IP address in the settings of device
- "Start" → "Search" → Run "CMD"
- Enter the "Ping product IP address" and press enter
- Check the output result and response



CHAPTER 2 CREATING NEW PROJECT AND EDITING

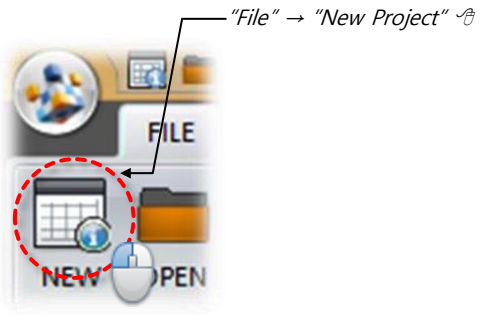
2.1 CREATE NEW PROJECT

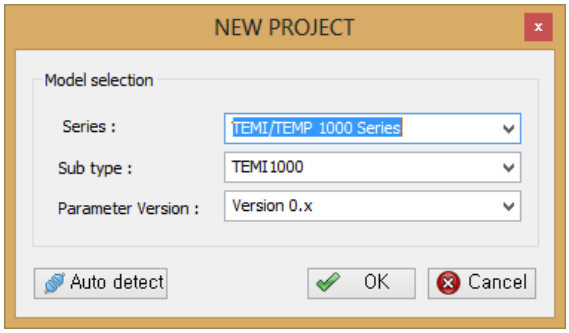
2.1.1 Checking Device Type and Information

The program has built-in driver files that enable the operation of each device. When you start new project on the program, it loads the driver file that matches with your device to renew the parameter map. There are 3 ways in which the program distinguishes the devices and drivers.

Create New Project

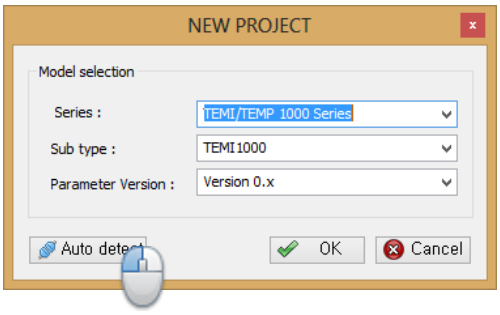
In order to set the parameters that are suitable for desired object, click on the "new project" to edit and change the file based on the default settings of the device.

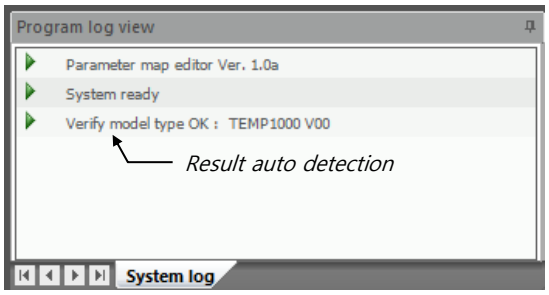




Automatic Device Identification

If the communication environment between the PC and device is set, the driver for connected device can be automatically identified with the command at "New Project" → "Automatic Product Check". The name of identified device and the result of the automatic check is viewed in the "*Program Log View*" and you must check whether the communication with the device is ready from the communication environment setting.



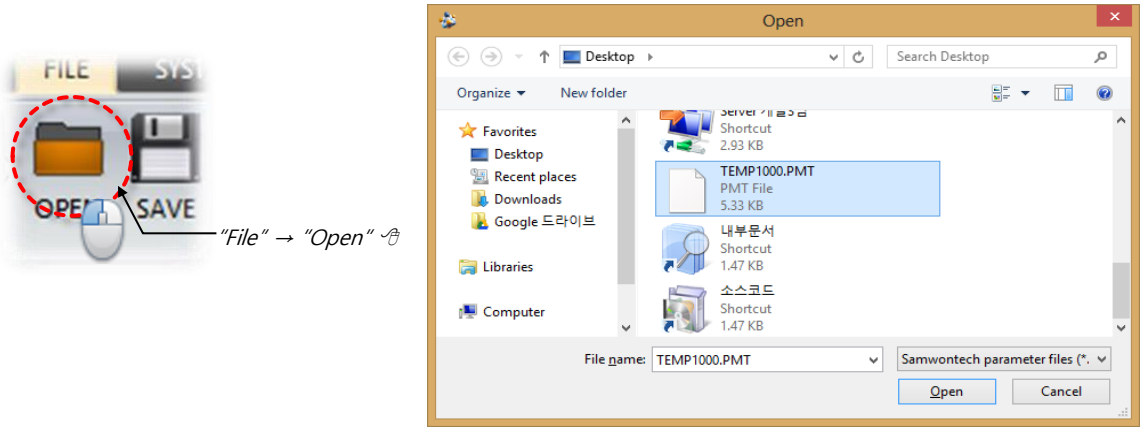


Upload

It is a method of uploading the current parameter to connected device. If the communication environment between the device and PC is set, you can start editing through the communication between the products based on the parameter set on the device.

File open

The program reads the saved parameter file from the disk of the user's PC to enable continuing working with the previous parameter settings. If a direct download on the device is not required, an off-line task is possible.



☞ *The file extension of this program is "*.PMT".*

2.1.2 Data Format

In order to minimize the errors in entering the parameters and to help understanding the parameters, the program distinguishes the data in the forms defined as below and it provides the entering method that is suitable for the defined formats of each parameter.

Data Format and Entering Method

Data Format	User Interface	Entering Method	Entering Tool
Real Number	150.00	Enter real number including under decimal point	Keyboard
Integer	120	Enter integer	Keyboard
Time	01:10	Enter minute or hour : minute	Keyboard
Table	PT_1	Select item	Mouse
On/Off	☑ On	Select	Mouse
Letters	RE	Enter letters (Maximum or 3 letters)	Keyboard
True / False	FALSE	Select item	Mouse

Information

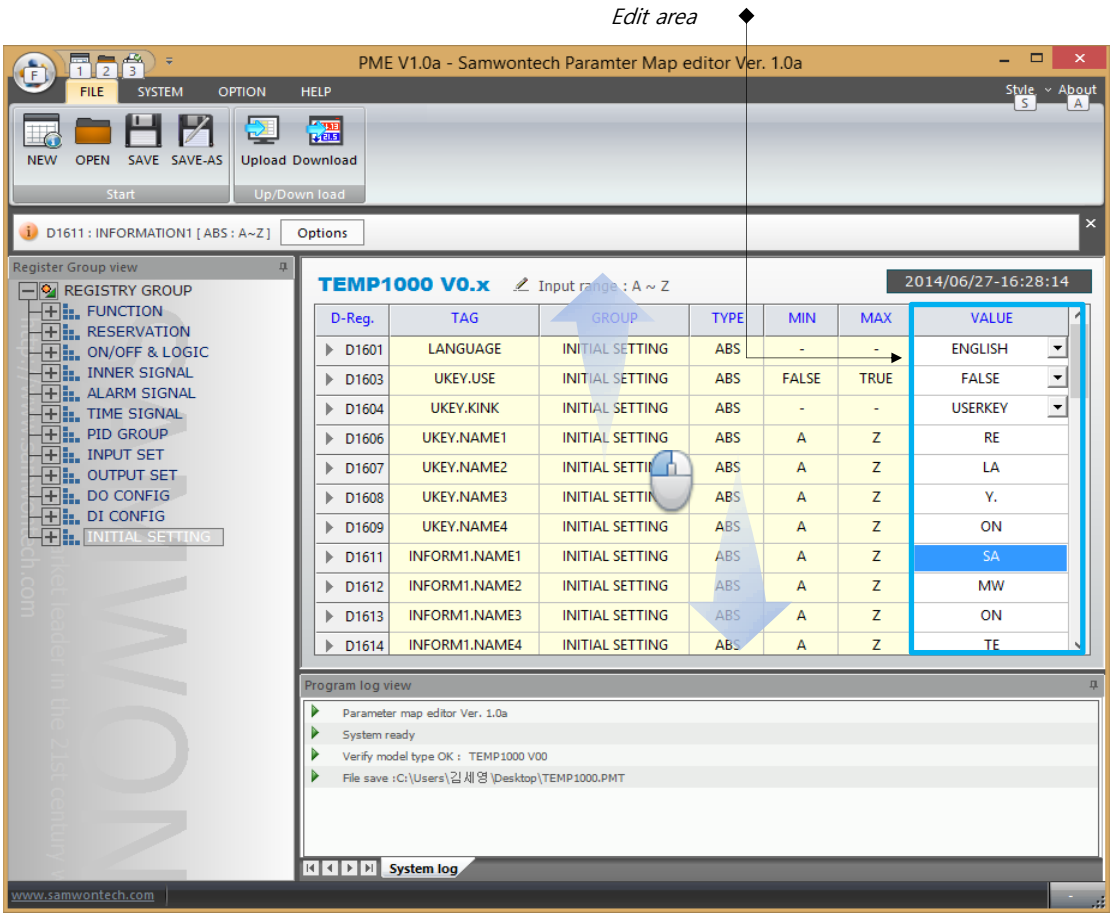
- You can use "TAB" key to move between entering spaces.
- If the entered item exceeds the entering range or an error occurs, a flash of "Limit Error" message will appear on the upper right corner. LIMIT ERROR
- When entering letters, numerical digit is also recognized as a letter.

Main Parameter Output Window

The "*Main Parameter Output Window*" takes the largest area on the program screen and it has the list that allows editing data of the matching parameter. The parameter list has 7 columns, each of which has the following meanings.

Colum title	설명
D-Reg	Register address
TAG	Name of the selected parameter (TAG NAME)
GROUP	Group name
TYPE	Type of data (EU, EUS, ABS)
MIN/MAX	Max. / Min. entering range
VALUE	Data entering space

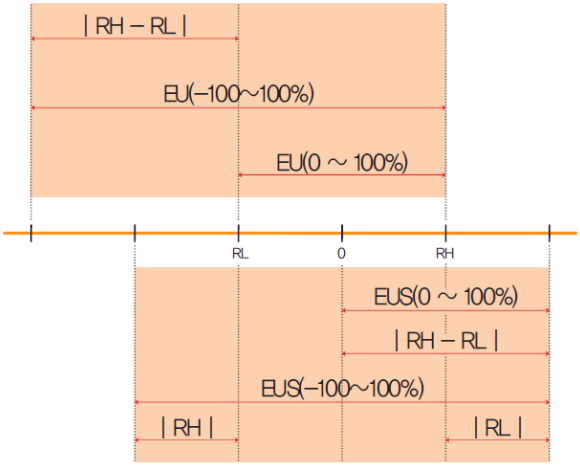
You can scroll through the list window by putting mouse cursor over the "*Main Parameter Output Window*" and scrolling the wheel.



ENGINEERING UNITS – EU, EUS

When you change the sensor type (IN-T) or the maximum and minimum values (INRH and INRL) of the entering range on the device, the parameters that are indicated as EU or EUS are changed in proportion to the existing DATA, but the program is reset to default values.

- ✓ EU : Value of engineering unit according to the instrument range
- ✓ EUS : Range of engineering unit according to the instrument span
- ✓ For more details, please refer to the "operation manual" attached with the product at purchase.



▶ EU( ), EUS( )의 범위

	범위	중심점
EU(0 ~ 100%)	RL ~ RH	| RH – RL |/2 + RL
EU(–100 ~ 100%)	–(| RH – RL | + | RL |) ~ RH	RL
EUS(0 ~ 100%)	0 ~ | RH – RL |	| RH – RL |/2
EUS(–100 ~ 100%)	– | RH – RL | ~ | RH – RL |	0

(예)
▶ INPUT = T/C(K2)
▶ RANGE = –200.0℃(RL) ~ 1370.0℃(RH)

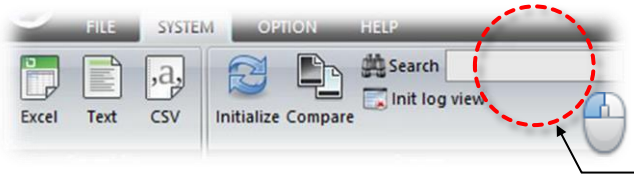
	범위	중심점
EU(0 ~ 100%)	– 200.0 ~ 1370.0℃	585.0℃
EU(–100 ~ 100%)	– 1770.0 ~ 1370.0℃	– 200.0℃
EUS(0 ~ 100%)	0 ~ 1570.0℃	785.0℃
EUS(–100 ~ 100%)	– 1570.0 ~ 1570.0℃	0.0℃

2.2 ENTERING AND EDITING DATA

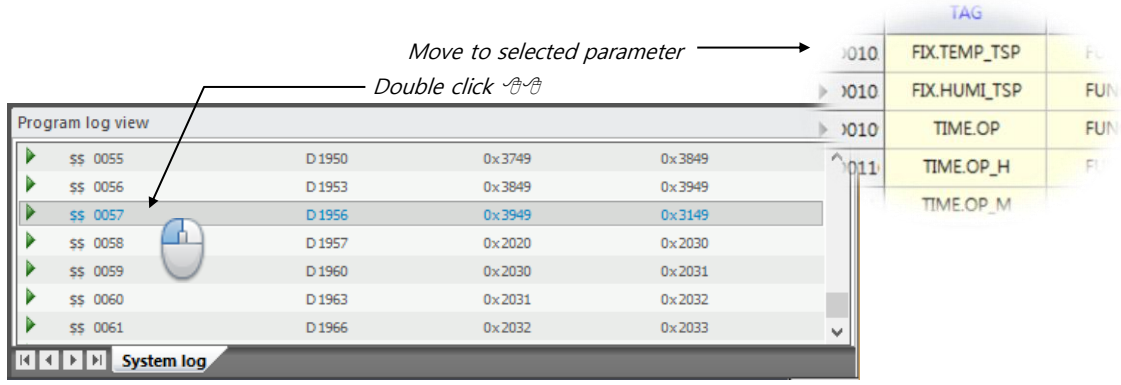
2.2.1 Data Search

You can check for the overlaps of an entered word in the certain address, tag name and description of the currently given parameter data. The respective register address and current values are shown in the system log window and you can start editing a parameter by selecting from the search result (🖱🖱).

1 Select "SYSTEM" on the main menu and enter the keyword in the space under the register tab ⌨



2 View the search result on the "system log view" and double click on the register name of the searched item 🖱🖱



Information

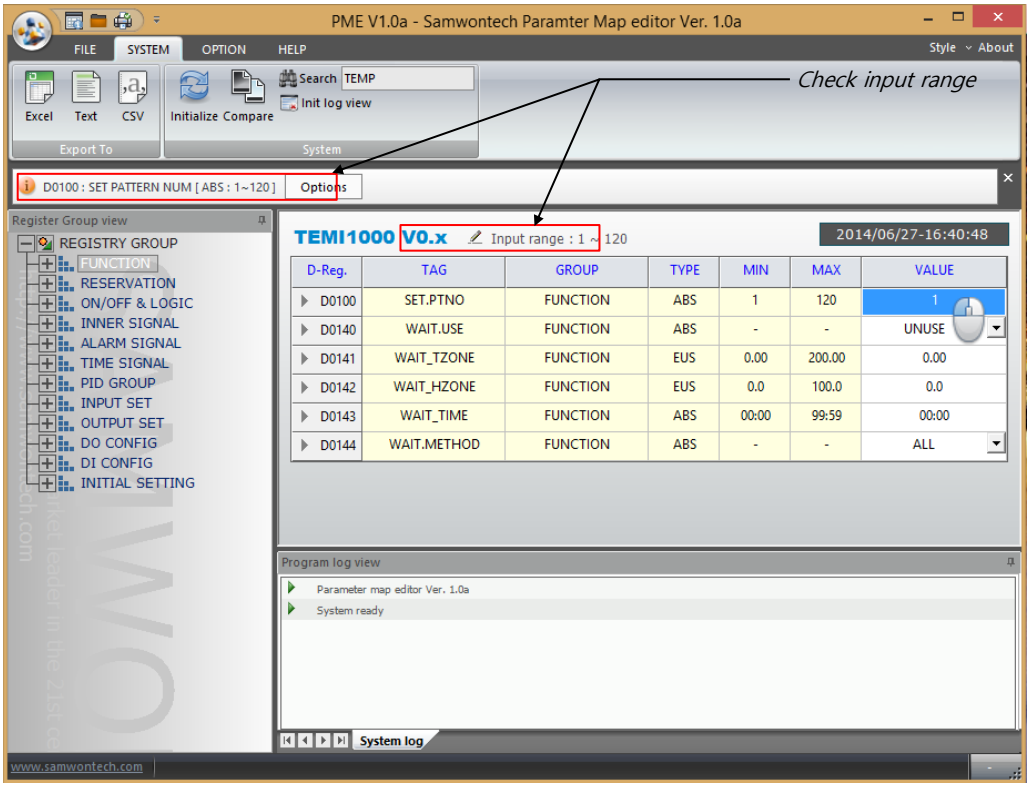
- If the message on the system log window includes a register address, you can move to the address by double clicking on the message.

2.2.2 Check the Entering Range

Each register of a device under control of this program has a range, within which you can enter information, and it can be checked from the enter list UI.

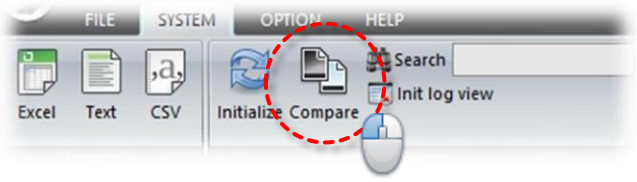
1 Select a register in the main output window.

2 Check the entering range on top of the program and enter the setting value.



2.2.3 Compare Entered Data

The function is for comparing the parameter data of user setting and of connected devices and it gives result if the data of the device does not match. Generally it can be used for checking whether the parameter settings are properly applied on the device after downloading.



For more details refer to "Chapter 4. Setting Parameters for Device."

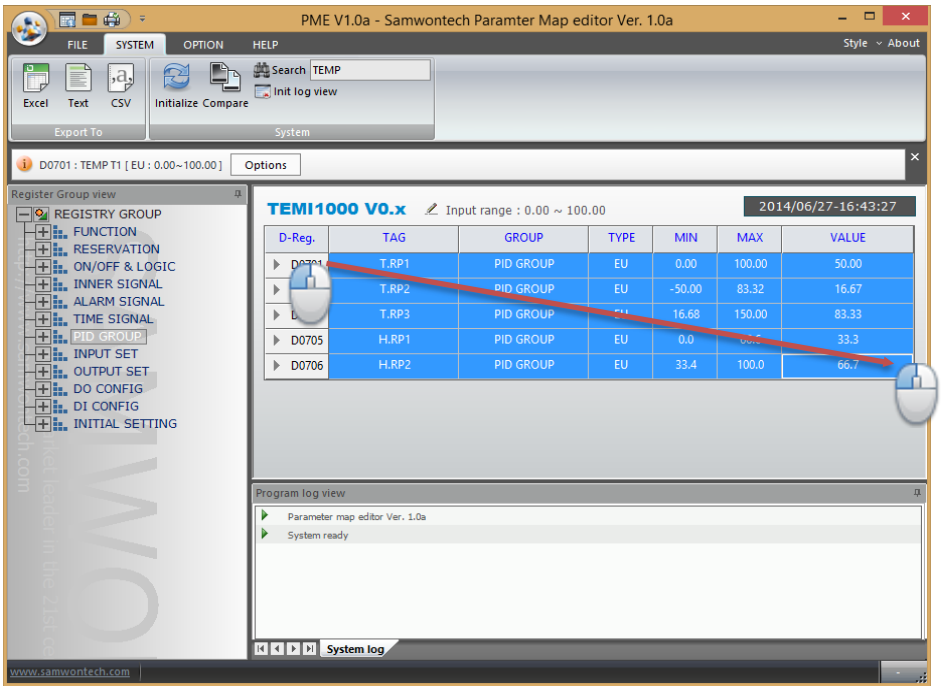
2.3 COPY DATA

2.3.1 Copy Data on Clipboard

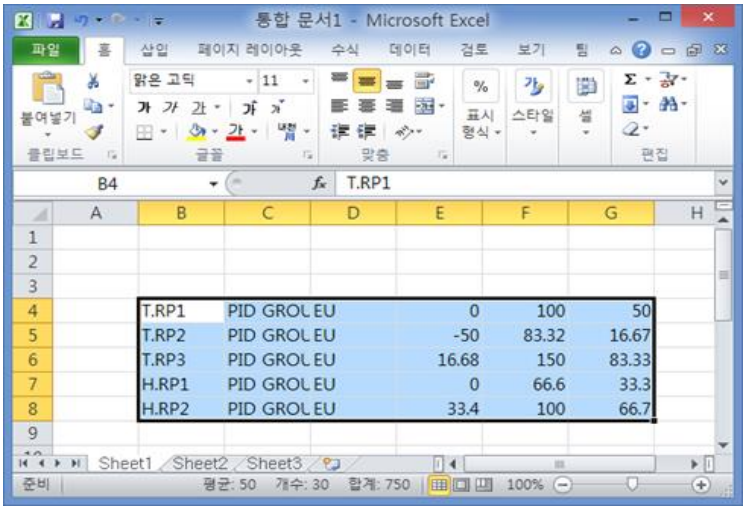
You can copy a section by selecting a desired section on the parameter entering window and using "Ctrl + C" keys. You can also paste the copied section on to the desired program window. Each item is distinguished with empty spaces and an automatic cell filling is possible when entering with excel.

1 Select section to be copied

- Click on the desired section on the main output window -> Drag to select
- Use "*Ctrl + C*" keys on the keyboard to copy the selected section.



2 "Paste" on excel or on other editing program.



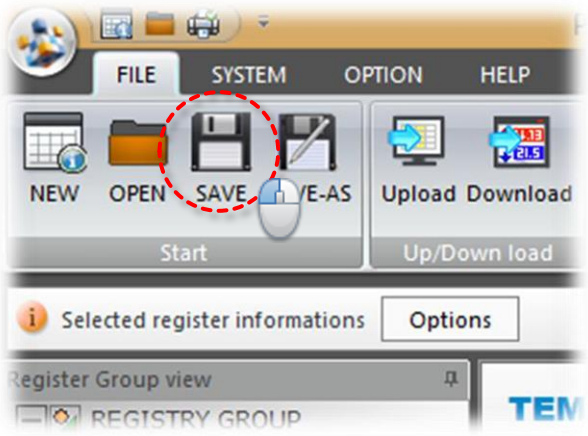
CHAPTER 3 SAVING AND CONVERTING DATA

3.1 SAVE DATE

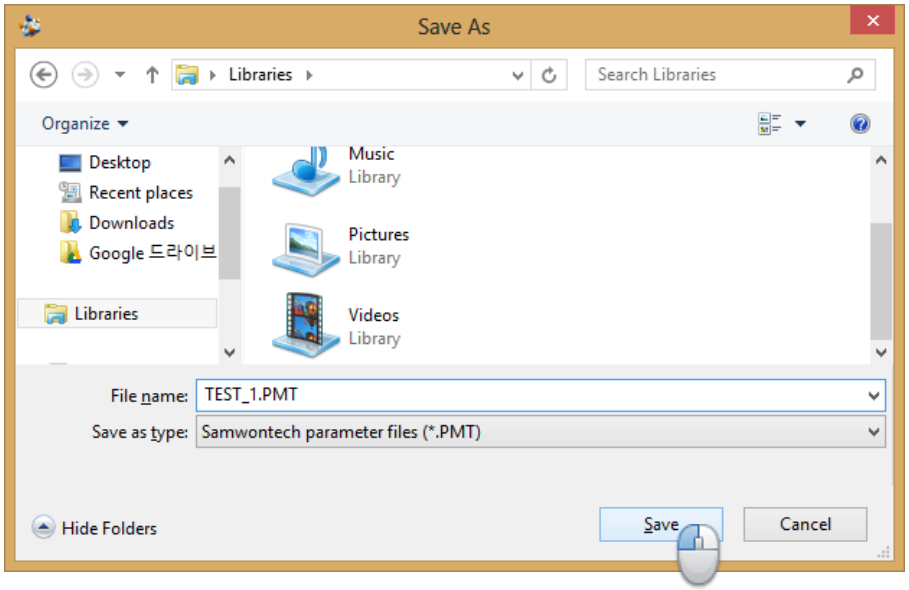
The parameter information entered by a user or uploaded from a device can be saved as a parameter format file (*.PMT) or convert to excel, text or CSV file.

3.1.1 Save as PMT

1 Select "File" on the main menu and click on the sub menu, "Save File".

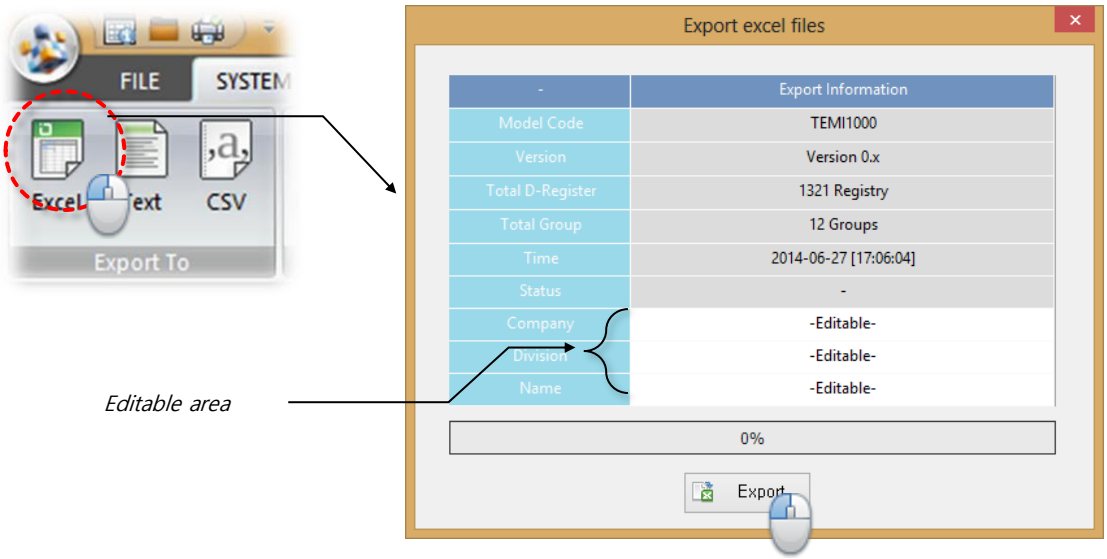


2 Enter the location and name of the file to be saved on the saving window and click on "save" button to complete saving.

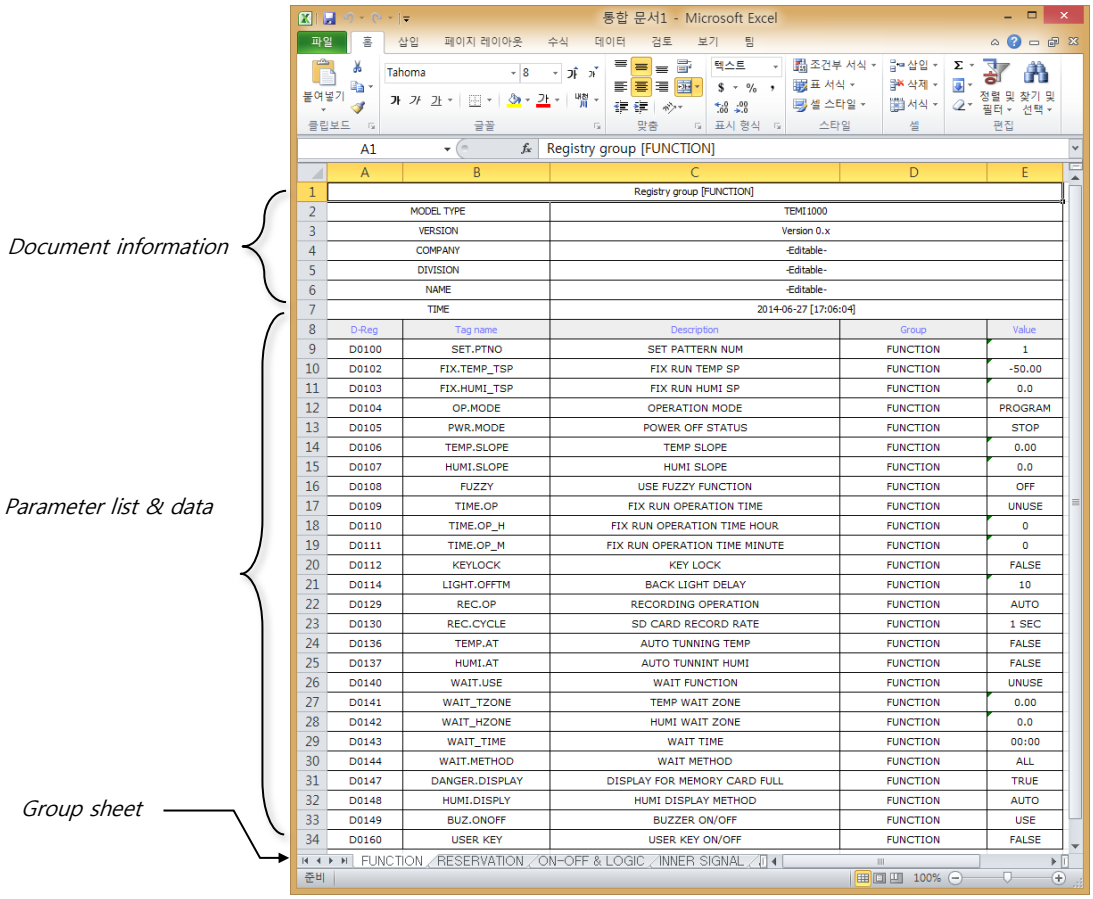


3.1.2 Convert Data

1 Select "System" on the main menu and click on the "convert to excel" or "*convert to text*" or "convert to CSV" on the sub menu.



2 Enter the document information in the cell file converting box and click on the "Export" to convert.



D-Reg	Tag name	Description	Group	Value
D0100	SET.PTNO	SET PATTERN NUM	FUNCTION	1
D0102	FIX.TEMP_TSP	FIX RUN TEMP SP	FUNCTION	-50.00
D0103	FIX.HUMI_TSP	FIX RUN HUMI SP	FUNCTION	0.0
D0104	OP.MODE	OPERATION MODE	FUNCTION	PROGRAM
D0105	PWR.MODE	POWER OFF STATUS	FUNCTION	STOP
D0106	TEMP.SLOPE	TEMP SLOPE	FUNCTION	0.00
D0107	HUMI.SLOPE	HUMI SLOPE	FUNCTION	0.0
D0108	FUZZY	USE FUZZY FUNCTION	FUNCTION	OFF
D0109	TIME.OP	FIX RUN OPERATION TIME	FUNCTION	UNUSE
D0110	TIME.OP_H	FIX RUN OPERATION TIME HOUR	FUNCTION	0
D0111	TIME.OP_M	FIX RUN OPERATION TIME MINUTE	FUNCTION	0
D0112	KEYLOCK	KEY LOCK	FUNCTION	FALSE
D0114	LIGHT.OFFTM	BACK LIGHT DELAY	FUNCTION	10
D0129	REC.OP	RECORDING OPERATION	FUNCTION	AUTO
D0130	REC.CYCLE	SD CARD RECORD RATE	FUNCTION	1 SEC
D0136	TEMP.AT	AUTO TUNNING TEMP	FUNCTION	FALSE
D0137	HUMI.AT	AUTO TUNNINT HUMI	FUNCTION	FALSE
D0140	WAIT.USE	WAIT FUNCTION	FUNCTION	UNUSE
D0141	WAIT_TZONE	TEMP WAIT ZONE	FUNCTION	0.00
D0142	WAIT_HZONE	HUMI WAIT ZONE	FUNCTION	0.0
D0143	WAIT_TIME	WAIT TIME	FUNCTION	00:00
D0144	WAIT.METHOD	WAIT METHOD	FUNCTION	ALL
D0147	DANGER.DISPLAY	DISPLAY FOR MEMORY CARD FULL	FUNCTION	TRUE
D0148	HUMI.DISPLY	HUMI DISPLAY METHOD	FUNCTION	AUTO
D0149	BUZ.ONOFF	BUZZER ON/OFF	FUNCTION	USE
D0160	USER KEY	USER KEY ON/OFF	FUNCTION	FALSE

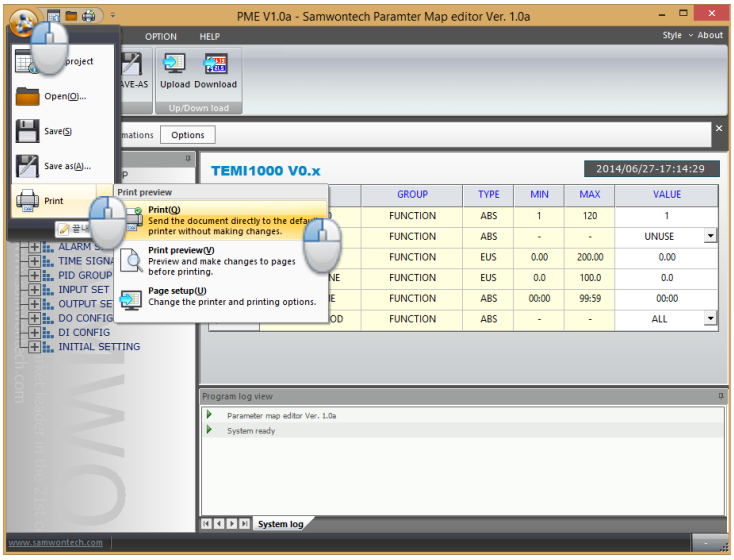
3.2 PRINT AND PREVIEW

3.2.1 Print Environment Setting

You can print the whole selected parameter or in groups.

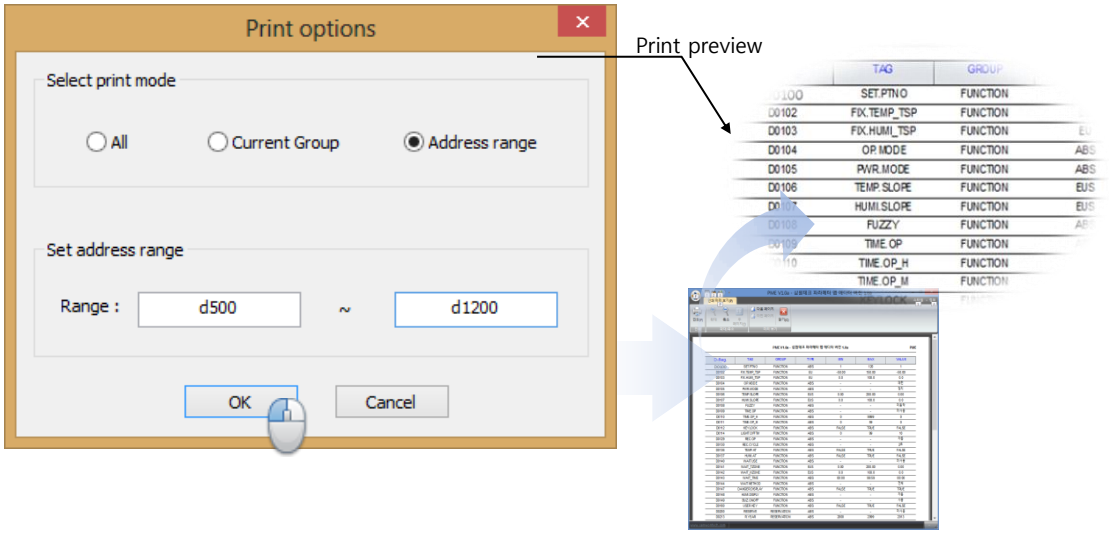
1 Select "Print" menu under the main icon on the upper left corner of the program.

- *Quick Print: Directly print the items on the screen.*
- *Preview: Select a section to be printed and preview how the printed page will appear.*
- *Print Setting: Set the direction of print page, printer and printing range.*



2 Print Setting (printed when a quick print or print preview is selected)

- *Whole Page: Print the current values from the whole parameter.*
- *Selected Group: Print the group that is currently selected.*
- *Selected Address: Enter the beginning and end of the parameter address in the range entering space at the bottom.*



CHAPTER 4 DEVICE PARAMETER SETTING

4.1 UPLOAD AND DOWNLOAD THROUGH COMMUNICATION

If the device allows communication with PC, you can read the parameter setting on the device on PC (Upload) or saving the user's parameter settings on the device (Download). You can Up/Download the whole or grouped parameter or selected items only.

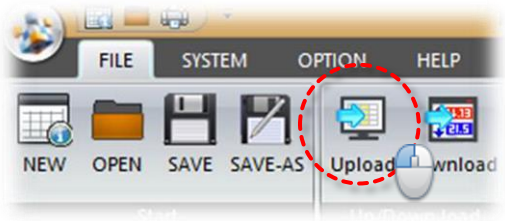
Information

- The settings of the communication environment on device and PC must be the same for communication connection.
- You must enter a administrator password of the device to download. Be careful it is not executed by users other than the device operation administrator.
- For more details on the communication connection settings, please refer to the "communication environment setting" in "*Chapter 1 Introduction to PME*."

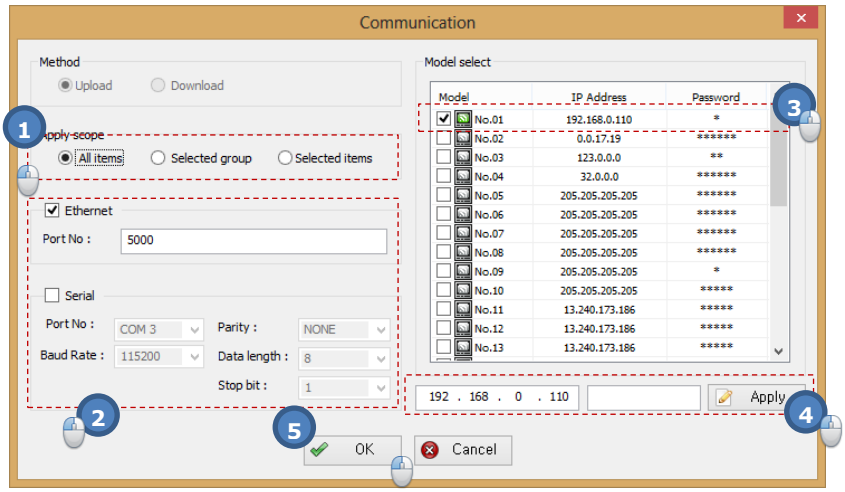
4.1.1 Upload

Save the parameter setting on the connected device with the PC. The saved parameter data can be saved into a local storage as a file and can be edited or updated using the editing program. If the current project is not created, the program automatically identifies the type and model of the device and applies a suitable driver file.

1 Select "File" on the main menu and click on the sub menu, "Upload".



2 Set the communication environment and select the device to upload from the communication setting box, and click on "OK" button.



① Select a section to start upload.

② Set the communication method. You can choose between "ethernet" and "serial"

③ Select a device to upload on.

④ If the IP address of selected item is different, you can edit and save.

⑤ Start upload by clicking on the "accept" button.

The device password is not required to upload.

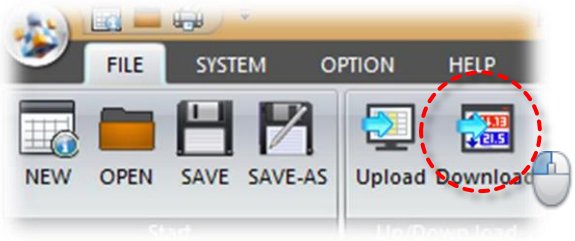
4.1.2 Download

Save the parameter information set on the program on to the connected device. It requires a administrator password of the device, so an authorized user must do the task.

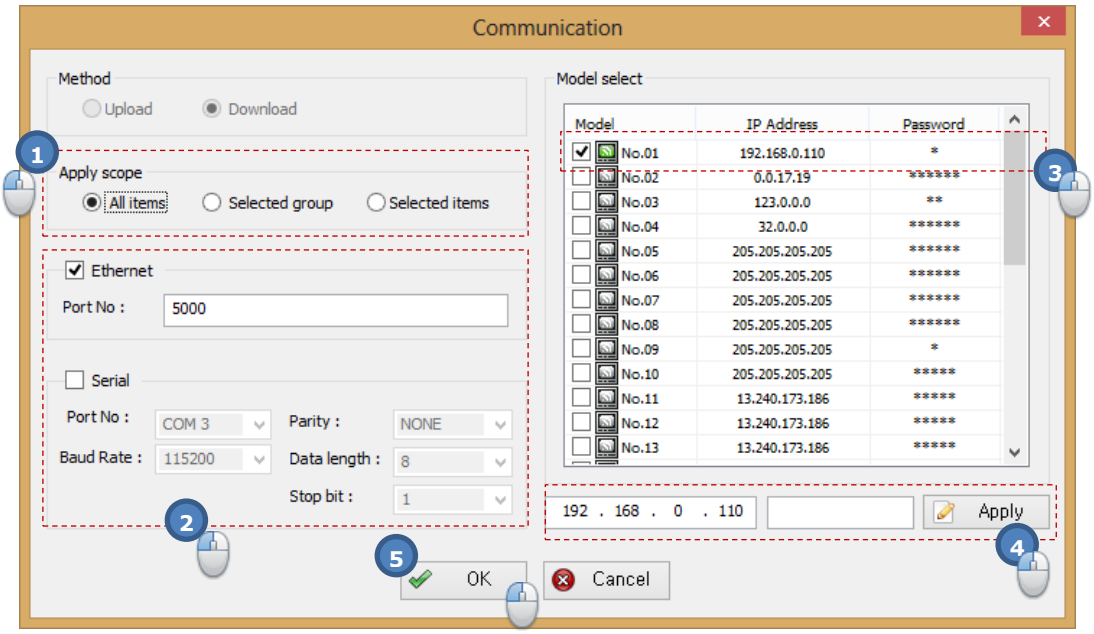
Warning

- For the safety of user, the program is made to not to start download when driving or the password is wrong, but please double check to prevent malfunctioning due to wrong values in downloading.

1 Select "File" on the main menu and click on the sub menu, "Download".



2 Select the communication environment and device to download on from the communication setting box, and click on "OK" button.



Explanation

Operating Method

This indicates the method of communicating with the device. It is automatically selected when uploading or downloading. User cannot control it.

Applied Range

It selects the section of which the data is to be updated by communication. You can select the whole register or only the groups and items that are selected to update.

Selecting Subject of Application

Select the device with which you want to communicate with. If the communication is set as "Ethernet communication", you must enter the correct IP address of the device and a administrator's password is required to download for safety.

Serial Communication Parameter

In general, the settings for RS-232 communication are fixed at data length 8-bit and stop bit 1-bit, but the "Comport No" may vary depending on the environment of the user's PC. The Baud Rate indicates the speed at which the communication is performed and it must match the "communication environment setting" of the device.

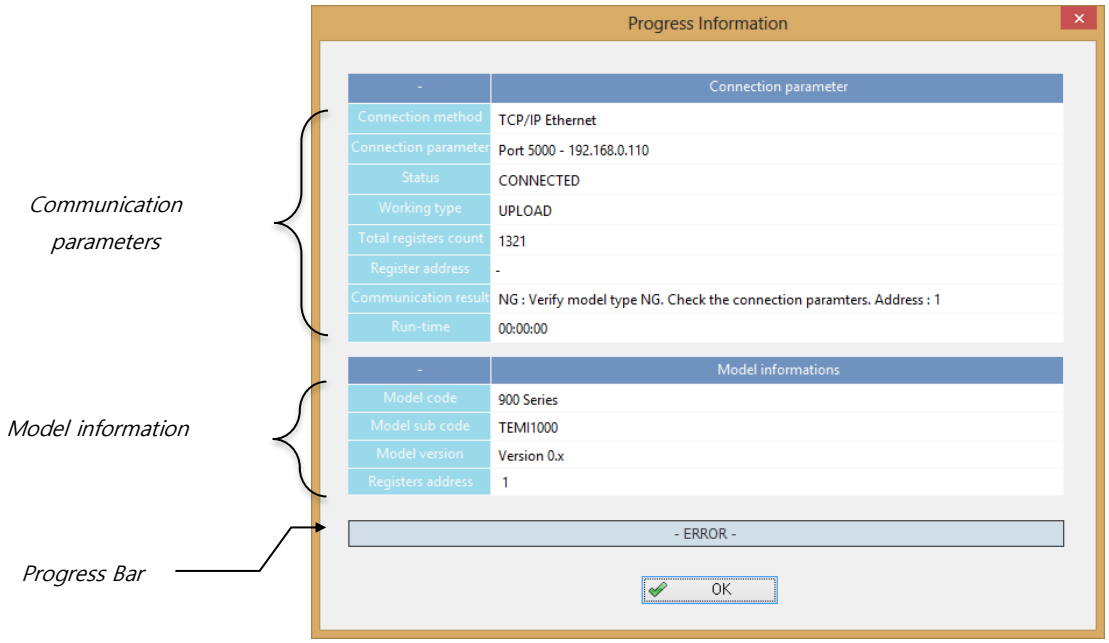
Communication Type	Item	Default	Setting Range
RS-232 RS-422/485	PORT NO.	COM1	COM1 ~ COM9
	BAUD RATE	115200	9600/19200/38400/57600/115200bps
	PARITY	NONE	ODD/EVEN/NONE
	STOP BIT	1	1, 2
RS-422/485	ADDRESS	1	1~30

Information

- You can choose devices for multiple connections when downloading from the list of "select subject of application" and a batch processing is possible on the selected devices.
- Please refer to the system password setting section on the "system initial settings" in installation manual to set a device manger password.

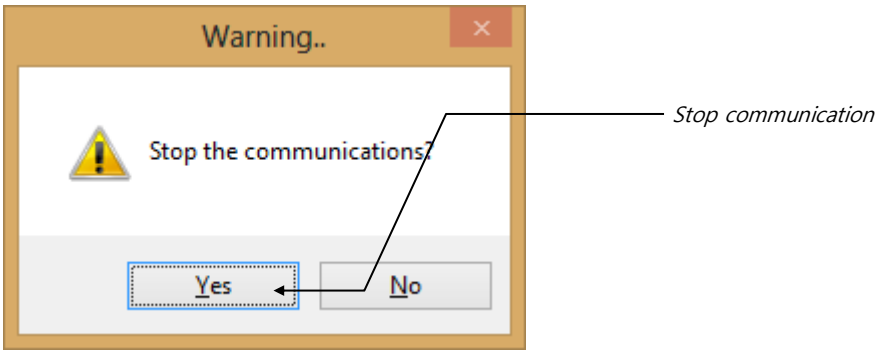
4.1.3 Checking the Progress

When uploading / downloading, you can check the communication progress with the device on the "*Task Progress Information*" window. When the communication is progressing properly, the progress bar at the bottom indicates the status, but when an error occurs with communication failure, no administrator password in downloading or different device types, a message may appear to alert.



Stop Communication

Once you started downloading or uploading, the "OK" button at the bottom of the "*Task Progress Information*" box turns into a "stop" button. When the user clicks on the "stop" button, a warning message appears and the communication stops right away. Once you have accepted to stop the process, you cannot recover any items.



4.2 VIEW AND RESET DATA SETTING

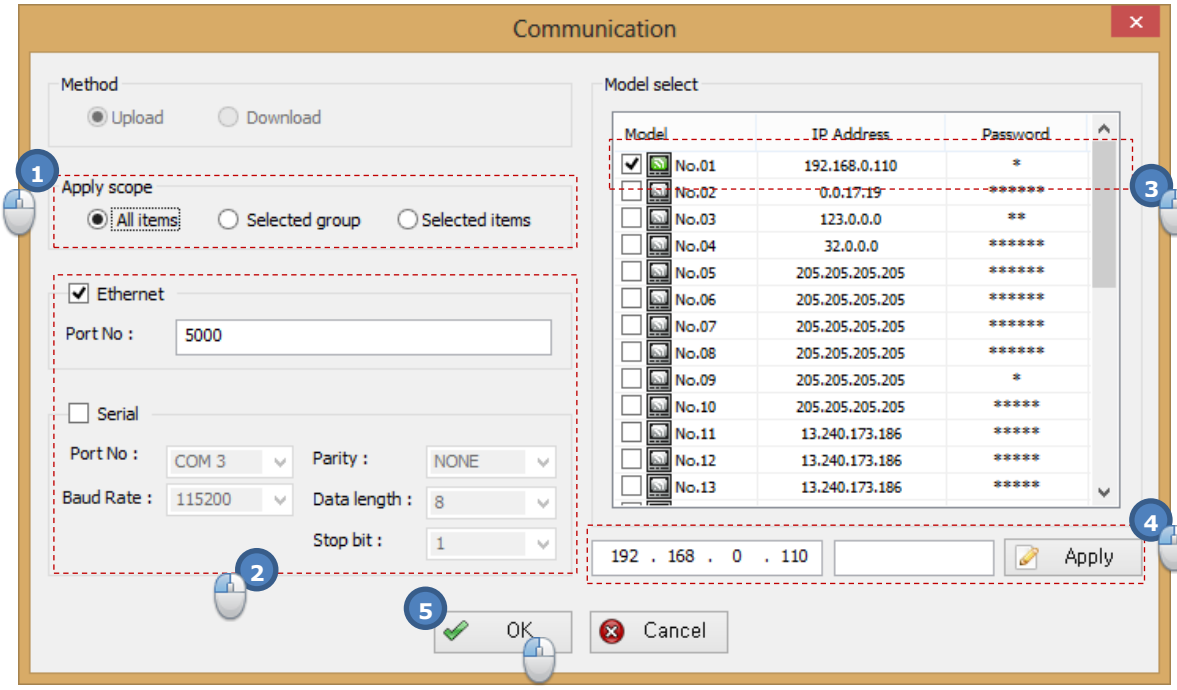
4.2.1 Comparing Data between Devices

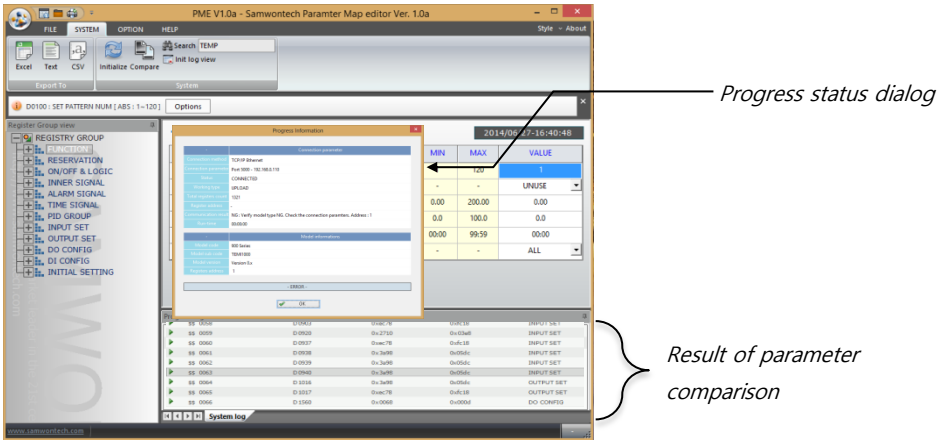
You can compare the values of the parameters of device and your setting. Generally it can be used to check whether the *data set by* user is properly saved on the connected device.

- "*System Menu*" -> "*Compare Parameters*"

Communication Environment Setting and Progress Check

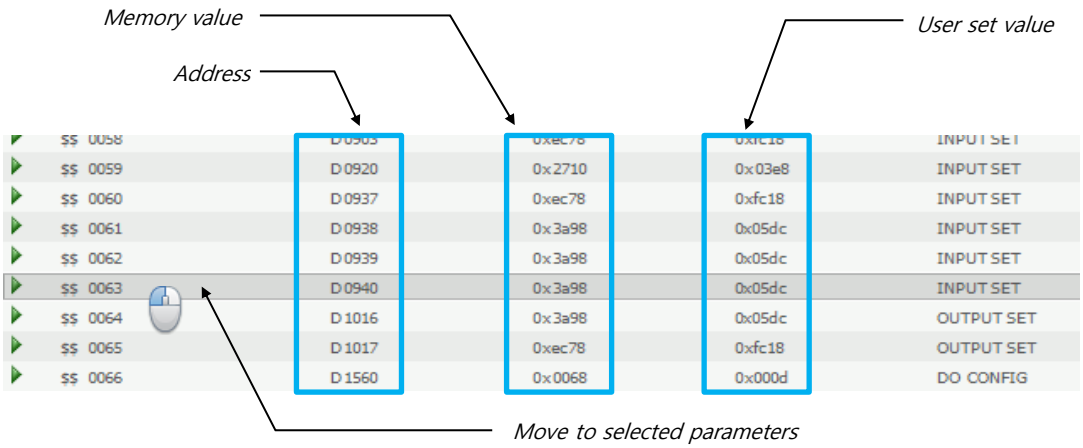
For a communication with a device, the communication environment setting and the progress status in uploading / downloading are viewed. The result of parameter comparison can be viewed at the "*program view*" at the bottom of the program screen.





Viewing Comparison Result

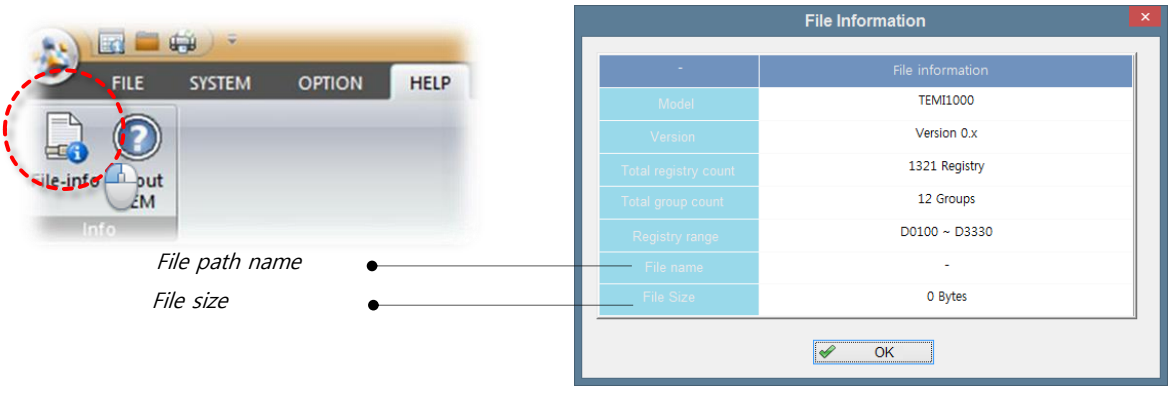
Before communicating with the device, the communication environment setting should be completed and when you select the "*compare parameters*" icons, Upload / Download will start and the progress will be shown at the same time. The result of parameter comparison can be viewed at the "*program view*" at the bottom of the program screen.



4.2.2 Checking File Information

You can view the information on the file that is being printed or on the device that is connected.

- "Help Menu" -> "File-info"

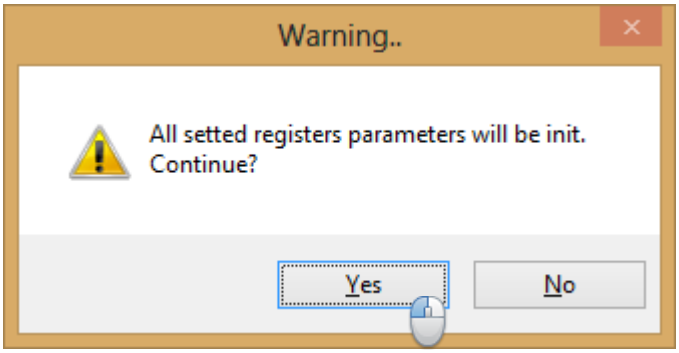


4.2.3 Reset Data Setting

Factory reset all parameters of the device that is being edited. Any parameter information set previously by a user is lost.

· "System Menu" -> "Initialize"

After selecting "*Initialize*" button, click on "*Yes*" button on the warning message to start reset or click on "*No*" button to cancel reset.



Even when you reset, the connected device maintains the previous data. You may download the reset parameter data on the device.

Warning

- Once you start reset, any unsaved data are lost and cannot be recovered. Any necessary data must be saved into a file before starting reset.
- Depending on the version of device, different parameters may exist. For device reset, please refer to the operation manual before starting.

CHAPTER 5 ERRORS AND SOLUTIONS

5.1 ERROR AND USER MESSAGE

5.1.1 Error Message

Message	Description
Fail to check the administrator's password	Failed to check the administrator password during communication.
Model type miss-match	The type of the connected device for upload / download and the data being edited does not match.
Verify model type NG.	"*Automatic Device Identification*" has failed to connect and read the device code.
Connection failed. Check the communication settings.	Failed to connect with device. Please check the communication environment settings.
No response	There is no response from the device. The communication has failed.

5.1.2 User Message

Message	Description
All set registers parameters will be reset.	Once you start "*Parameter Reset*", all data settings will be lost.
Miss-matched parameters count	Indicates number of different data in processing "Compare Parameters" command.
Stop the communications?	Asks whether to really stop uploading / downloading with communication.
All unsaved parameters will be lost. Exit the program?	Suggests saving data that is being edited when exiting the program.