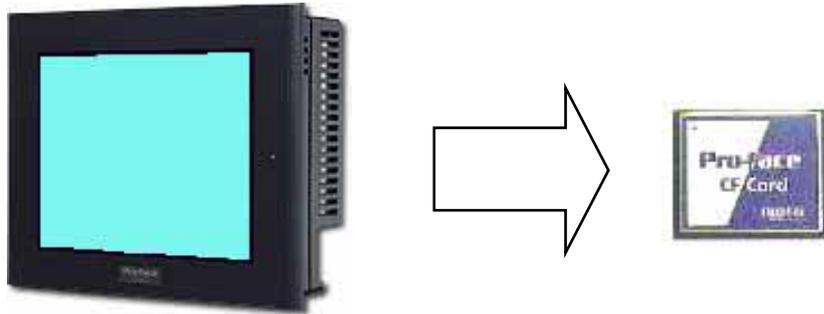




How to save the recorded alarm data in a CF Card

- The data displayed via Q tag is saved in GP's SRAM.
The way to save the alarm data saved in the SRAM in a CF Card will be described here.

• In order to save the alarm data?

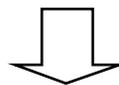


In order to save the alarm data saved in SRAM in the CF Card, go to [GP Setup]->[Extended Function Settings]->[CF Card Operation Settings] for the setting.

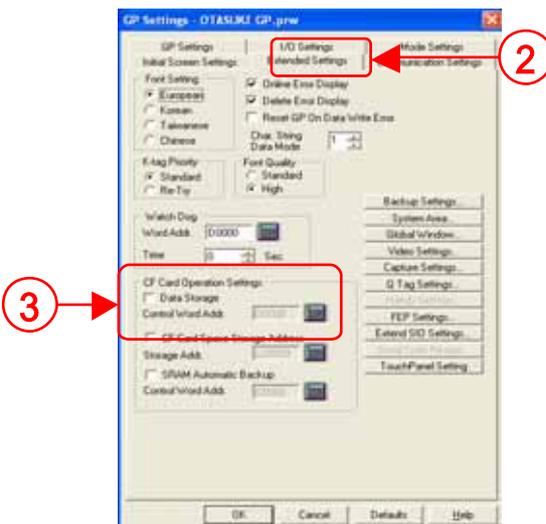
(1) How to open CF Card Operation Settings

- Open Project Manager.

Click [GP Setup].



Click [Extended Function Settings].



Set [CF Card Operation Settings].

(2) CF Card Operation Settings

In order to save the alarm data in the CF Card, check [Data Storage] and set [Control Word Address].

[Control Word Address] is divided into [Mode] where commands and status are written and [File No.] which designates the number of the file to save.

EX.)

Control Word Address: In the case of D100

D 1 0 0	Mode
D 1 0 1	File No.

1



(3) How to save the backup data in the CF Card

In order to save the data saved in SRAM in the CF Card, set the number of the file to save into [File No.] at first and write commands in [Mode]. After this process, the status is written in [Mode] as a result. Details of each command/status are shown in the table below.

Mode	Word Data	Description
Command	0 0 0 1 h	Filing Data
	0 0 0 2 h	Logging data
	0 0 0 3 h	Trend graph data
	0 0 0 4 h	Sampling data
	0 0 0 5 h	Alarm active/block-1 data
	0 0 0 6 h	Alarm history/block-2 data
	0 0 0 7 h	Alarm log/block-3 data
	0 0 0 8 h	Block-4 data
	0 0 0 9 h	Block-5 data
	0 0 0 A h	Block-6 data
	0 0 0 B h	Block-7 data
	0 0 0 C h	Block-8 data
	0 0 2 0 h	Logging loop auto-save start
	0 0 2 1 h	Logging loop auto-save finish
	Status	0 0 0 0 h
0 1 0 0 h		Write error
0 2 0 0 h		Multi Unit not installed/CF Card not inserted/CF Card access switch OFF
0 3 0 0 h		No data to be loaded (when no data is specified)
0 4 0 0 h		File No. Error

When saving alarm data, pick up data from 0005h to 000Ch and write the data in the control word address (Mode). After saving it properly, the status, 0000h is written. If saving it is not properly completed, status except 0000h is written.

(4) File Name of the data saved in the CF Card

- Data is saved as the following file names.

Folder	Data to save	File Name
¥file	Filing data	ZF*****.BIN
	CSV Transfer Function data	ZR*****.CSV
¥log	Logging data	ZL*****.CSV
¥date	Image screen	ZI*****.BIN
	Sound data	ZO*****.BIN
¥capture	Screen Capture	CP*****.JPG
	Video Capture	
¥mrm	GP Back UP data (MRM File)	ZC00001.MRM
¥trend	Trend Graph data	ZT*****.CSV
	Sampling data	ZS*****.CSV
¥alarm	Alarm data	
	Active/Block-1 data	ZA*****.CSV
	History/Block-2 data	ZH*****.CSV
	Log/Block-3 data	ZG*****.CSV
	Block-4 data	Z4*****.CSV
	Block-5 data	Z5*****.CSV
	Block-6 data	Z6*****.CSV
	Block-7 data	Z7*****.CSV
Block-8 data	Z8*****.CSV	

Ex.) Save alarm data

- When saving the alarm data saved in the SRAM via History in the CF Card with the file No. [2], (the control word address is set to [D100])

D100	0000h	Mode	Set the number of the file to save in the control address + 1(D101) (Ex.:Write [0002h] to D101)
D101	0002h	File No.	



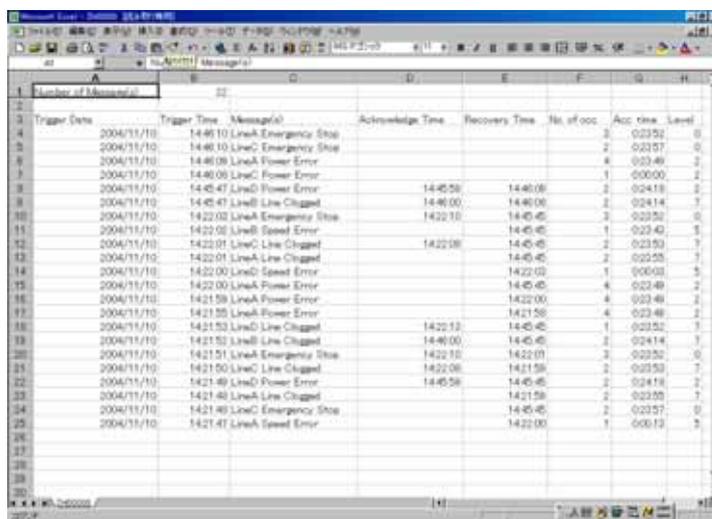
D100	0006h	Mode	If you write commands of [0005h to 000Ch] to the control word address + 0 (D100), each alarm data will be saved. Commands to be written vary depending on a type of alarm data. (Ex:Write [0006h] to D100)
D101	0002h	File No.	



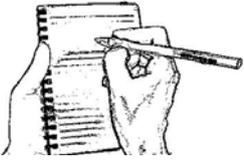
D100	0000h	Mode	After saving the data correctly, [0000h] is written in the control word address + 0 . When saving the data incorrectly, other error status is written. (Ex.:After saving the data correctly, the file, [ZH00002.CSV] is generated)
D101	0002h	File No.	



Open the saved alarm data (History), and the following will be displayed.



* The display format at the time of opening the alarm data saved via CSV with Excel is different from the one displayed on the screen of GP.



Note (Use this free space for notes)