

Buffering Area Setting

Setting Dialog

<input type="checkbox"/> Use Sample Buffer	For more information, refer to page A1-4.
<input type="checkbox"/> Memory Designation	
Sampling Method	
Word Count	
Sampling Time	
No. of Samples	
Store Target	Select [SRAM].
Full Processing	For more information, refer to page A1-6.
Output File No.	When [SRAM] is selected for [Store Target], file numbers are automatically given according to this setting. For more information, refer to page A1-21.
Message GNo.	For more information, refer to page A1-6.
<input type="checkbox"/> Use a Calculation Operation	
<input type="checkbox"/> Use Start Bit	
<input type="checkbox"/> Use WAV	For more information, refer to page A1-6.
<input type="checkbox"/> Continuous Replay	
<input type="checkbox"/> Use E-Mail	For more information, refer to page A1-6.
<input type="checkbox"/> CSV Output ^{*1}	When this box is checked and a CF card is inserted in MONITOUCH, data in the SRAM is converted into a CSV file (SMPxxxx.CSV) and is saved on a CF card.
<input type="checkbox"/> Create Backup File ^{*2}	This is valid when [<input type="checkbox"/> CSV Output] is checked. A backup file of the created CSV file (SMPxxxx.CSV) is created.

*1 CSV Output

Data in the SRAM is saved in CSV file format.

Timing in saving data:

- When the mode is switched from RUN ↔ STOP
- When the [Function: CF Card Removal] switch is pressed

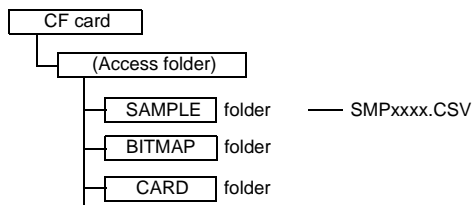
Storage target:

\(access folder)\SAMPLE

File name: SMPxxxx.CSV

(xxxx = 0000-0011: Buffering area number)

- * If the same CSV file already exists, it is overwritten.



- * It is also possible to use the macro command "SMPL_CSV" without using [CSV Output]. For more information, refer to page A1-24.

***2 Create Backup File**

This item becomes valid when [CSV Output] is checked.

Data in the SRAM can be saved in CSV file format on a CF card. These CSV files can additionally be saved in the backup folder.

Timing in saving data:

- When the date is changed (24:00)
- When the power is turned on

Storage target:

\(access folder)\SAMPLE\(date folder)

Example: When saving data on 2005/11/1:

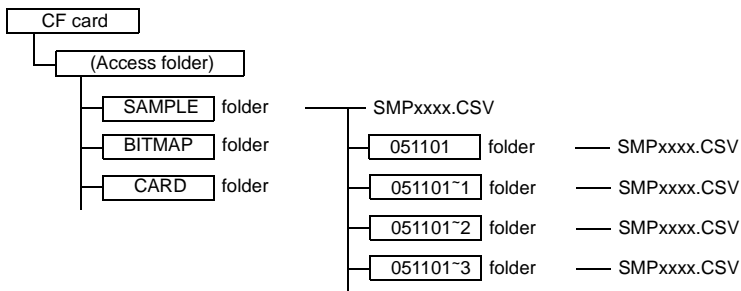
Data is saved in the \SAMPLE\051101 folder.

If the \SAMPLE\051101 folder already exists, data is saved in the \SAMPLE\051101~n (n = 1 - 9, A - Z) folder.

When the xxxxx~Z folder has been created, it will be overwritten afterwards.

File Name: SMPxxxx.CSV

(xxxx = 0000-0011: Buffering area number)



* It is also possible to use the macro command "SMPLCSV_BAK" without using [CSV Output] and [Create Backup File]. For more information, refer to page A1-24.

* It is possible to automatically delete old backup files when the backup file size exceeds the capacity of a CF card.

(In this case, select [System Setting] → [Unit Setting] → [General Settings] and check the box for [Delete folders from the oldest if CF card is lacking in space for backup].)

Calculating buffering area size

(Unit: words)

Data File		(The number of bytes of record name ÷ 2 + the number of data) × the number of records
Buffering File *2	Bit Synchronization	(Word Count + 2) × No. of Samples
	Constant Sampling	(Word Count + 2) × No. of Samples
	Alarm Logging	3 × No. of Samples
	Alarm Function	3 × No. of Samples + 15 + Word Count × 96
	Temp. CTRL Network/PLC2Way	(Word Count *1 + 2) × No. of Samples

*1 The "word count" for temperature control network/PLC2Way is equal to the number of words of memory used in [Temp. CTRL/PLC2 Way Table [No.]] specified in the [Buffering Area Setting] dialog ([Table No.]).

*2 Data of time order alarming cannot be handled as buffering files.