

Size calculation for each buffer

The required size can be obtained by adding the result of “Formulae by sampling method (1)” and the number of words shown in “Header for each storage target (2).”

Example 1: [Sampling Method: Bit Synchronization], [Primary storage target: DRAM], [Secondary storage target: CF Card]

Primary storage target = (1) A + (2) None (units: words)

Secondary storage target = (1) A + (2) 128 (units: words)

Example 2: [Sampling Method: Alarm Tracking], [Primary storage target: SRAM], [Secondary storage target: None]

Primary storage target = (1) D + (2) 56 (units: words)

Secondary storage target = None

Timing of Data Storage

Primary storage target: DRAM/SRAM

Sampling data is stored constantly during sampling.

Secondary storage target: CF Card/Memory Card

Data in the primary storage target will be output to the secondary storage target at the times shown below:

- When the mode is switched from RUN → STOP
- When the [CF Card Removal] switch is pressed
- When the CF card cover is opened
- When the medium of the primary storage target becomes full
- When the macro command “SMPL_SAVE”, “SMPL_CSV”, “SMPL_CSV2”, “SMPLCSV_BAK”, “SMPLCSV_BAK2” or “SMPL_BAK” is executed
- When the power to MONITOUCH is turned ON with [Primary storage target: SRAM]
- When the [Function: Reset] switch in sampling mode is pressed
- When the “R: Reset” bit in sampling control memory is ON

* When [Secondary storage target: CF Card] is selected, a BIN file is created on the CF card and data is stored in this file.

CSV Output

Data in the primary storage target is output to the secondary storage target, and data in the BIN file in the secondary storage target is saved in CSV format on the CF card.

Timing of data saving

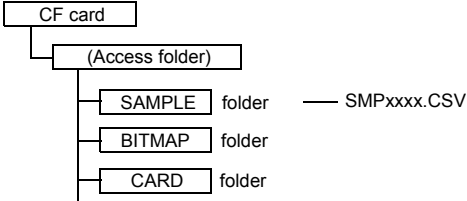
- When the mode is switched from RUN → STOP *
- When the [Function: CF Card Removal] switch is pressed *
- When the CF card cover is opened *
- When the macro command “SMPL_CSV”, “SMPL_CSV2”, “SMPLCSV_BAK” or “SMPLCSV_BAK2” is executed

* With [CSV Output] checked

Storage target

\ (Access folder) \SAMPLE

- File Name: SMPxxxx.CSV
xxxx = 0000-0011: Buffering area number



- * It is also possible to use the macro command "SMPL_CSV" without using [CSV Output]. For more information on the macro commands, refer to page A1-29.

Create Backup File

Data in the primary storage target is output to the secondary storage target as a FIN file, and data in the file is copied on the CF card for backup purpose.

Timing of data saving

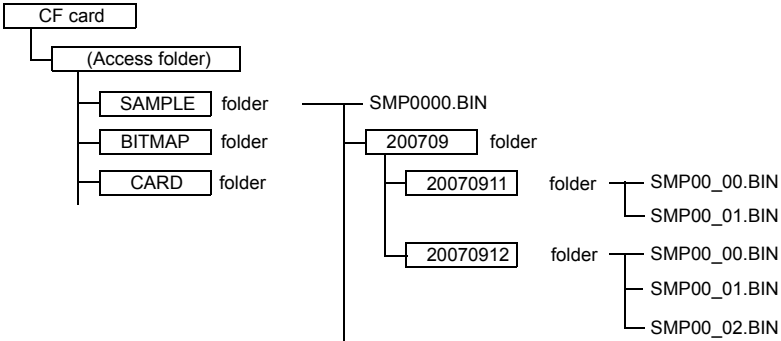
- When the power is turned on *
- When the date is changed (24:00) *
- When the medium of the secondary storage target becomes full *
- When the macro command "SMPL_BAK" is executed
- * With [Create Backup File] checked

Storage target

\(access folder)\SAMPLE\YYYYMM\YYYYMMDD

YYYY:	Year
MM:	Month
DD:	Day

- File Name: SMPxx_yy.BIN
xx = 00-11: Buffering area number
yy = 00-99: Index number



- Example: When saving data on 11.09.07:
Data is saved in the \SAMPLE\200709\20070911 folder.
When the SMP00_99.BIN files have been created these files will be overwritten.
- * It is also possible to use the macro command "SMPL_BAK" without using [Create Backup File]. For more information on the macro commands, refer to page A1-29.