Using Macro Commands to Read Recipe Files

1. You can use the following macro command to read a recipe file with default name.

Command: *p1* = FILE_IO(*p2*, *p3*)

Parameter:

p1: The location to receive the result of the operation. The result value is 0 if the operation succeeds; otherwise the operation fails.

p2: The code of desired operation.

p3: The ID of the corresponding recipe block.

	Settings of Parameters		
Operation	***P2*** **(Operation Code)**	***P3*** **(Data ID)**	**Filename Format**
Read Recipe Data (.CSV)	19	ID of the recipe block (0~15)	RB<ID>.csv
Read Recipe Data (.TXT)	20	ID of the recipe block (0~15)	RB<ID>.txt
Read Recipe Data (.PRD)	21	ID of the recipe block (0~15)	RB<ID>.prd

Note:

<ID>: ID of the data logger, ID of the recipe block, ID of the USB camera, or number of the screen

2. You can use the following macro command to read a recipe file with the specified name.

Command: *p1* = FILE_IO_N(*p2*, *p3*, *p4*)

Parameter:

p1: The location to receive the result of the operation. The result value is 0 if the operation succeeds; otherwise the operation fails.

p2: The code of desired operation.

p3: The ID of the corresponding recipe block.

p4: The internal memory location to store the specified filename (or full pathname).

	Settings of Parameters		
Operation	***P2*** **(Operation Code)**	***P3*** **(Data ID)**	***P4*** **(Filename or Full Pathname)**
Read Recipe Data (in CSV/TXT format)	26	ID of the recipe block (0~15)	The starting Address of the internal memory $U that stores the specified filename or full pathname. The name must be a valid Windows pathname with ASCII characters only. The character string must be null terminated and each character occupies one byte. The maximum length of the string is 127. All the folders stated in the full pathname must already exist or the file operation will fail.
Read Recipe Data (in PRD format)	27	ID of the recipe block (0~15)	Same as above