

Using Command Block to Save Data

1. Saving Data to File with Default Filename

	Settings of Command Bit and Parameters			
Operation	Command Bit #15 (Execute General Command)	Parameter One Reg. (Operation Code)	Parameter Two Reg. (Data ID)	Filename Format (Default Filename)
Save Logged Data (.TXT)	1	1	ID of the data logger (0~15)	DL<ID>_<Date>_<Time>.txt
Save Logged Data (.CSV)	1	14	ID of the data logger (0~15)	DL<ID>_<Date>_<Time>.csv
Save Logged Alarms (.TXT)	1	2	Not required	AL_<Date>_<Time>.txt
Save Logged Alarms (.CSV)	1	15	Not required	AL_<Date>_<Time>.csv
Save Alarm Counts (.TXT)	1	3	Not required	AC_<Date>_<Time>.txt
Save Alarm Counts (.CSV)	1	16	Not required	AC_<Date>_<Time>.csv
Save Recipe Data (.TXT)	1	4	ID of the recipe block (0~15)	RB<ID>.txt
Save Recipe Data (.CSV)	1	17	ID of the recipe block (0~15)	RB<ID>.csv
Save Recipe Data (.PRD)	1	5	ID of the recipe block (0~15)	RB<ID>.prd
Print Screen to File (in 256 colors) for HMI units	1	6	Number of the screen	S<ID>_<Date>_<Time>.bmp
Print Screen to File (in true color) for PC runtime	1	6	Number of the screen	S<ID>_<Date>_<Time>.bmp
Print Screen to File (in 64K colors) for HMI units	1	7	Number of the screen	S<ID>_<Date>_<Time>.bmp
Print Screen to File (in JPEG format) for PC	1	7	Number of the screen	S<ID>_<Date>_<Time>.jpg

runtime				
Save Logged Operations (.TXT)	1	9	Not required	OL_<Date>_<Time>.txt
Save Logged Operations (.CSV)	1	18	Not required	OL_<Date>_<Time>.csv
Save Logged Data (in LDF format)	1	10	ID of the data logger (0~15)	DL<ID>_<Date>_<Time>.ldf
Take Picture (in BMP format) for PC runtime	1	12	ID of the USB camera (0~3)	CAM<ID>_<Date>_<Time>.bmp
Take Picture (in JPG format) for PC runtime	1	13	ID of the USB camera (0~3)	CAM<ID>_<Date>_<Time>.jpg
Print Screen to File (in JPEG format)	1	19	Number of the screen	S<ID>_<Date>_<Time>.jpg
Take Picture (in JPG format) for HMI units	1	24	No data ID is required. 0: Show progress bar 1: Hide progress bar	IMG_<Date>_<Time>.jpg

Note:

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

<Date>: date when saving the data; format is YYMMDD

<Time>: time when saving the data; format is hhmmss

2. Saving Data to File with Specified Filename

Settings of Command Bit and Parameters				
Operation	Command Bit #15 (Execute General Command)	Parameter One Reg. (Operation Code)	Parameter Two Reg. (Data ID)	Parameter Three Reg. (Specified Filename)
Save Logged Data (.TXT)	1	31	ID of the data logger (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.
Save Logged Alarms	1	32	Not required	Same as above
Save Alarm Counts	1	33	Not required	Same as above
Save Recipe Data (.TXT)	1	34	ID of the recipe block (0~15)	Same as above
Save Recipe Data (.PRD)	1	35	ID of the recipe block (0~15)	Same as above
Save Logged Operations	1	39	Not required	Same as above
Save Logged Data (.LDF)	1	40	ID of the data logger (0~15)	Same as above
Take Picture (in BMP format) for PC runtime	1	42	ID of the USB camera (0~3)	Same as above
Take Picture (in JPG format) for PC runtime	1	43	ID of the USB camera (0~3)	Same as above

Take Picture (in JPG format) for HMI units	1	54	No data ID is required. 0: Show progress bar 1: Hide progress bar	Same as above
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