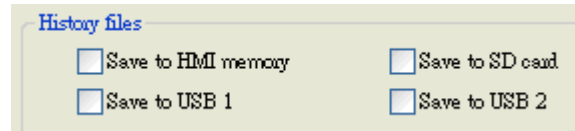


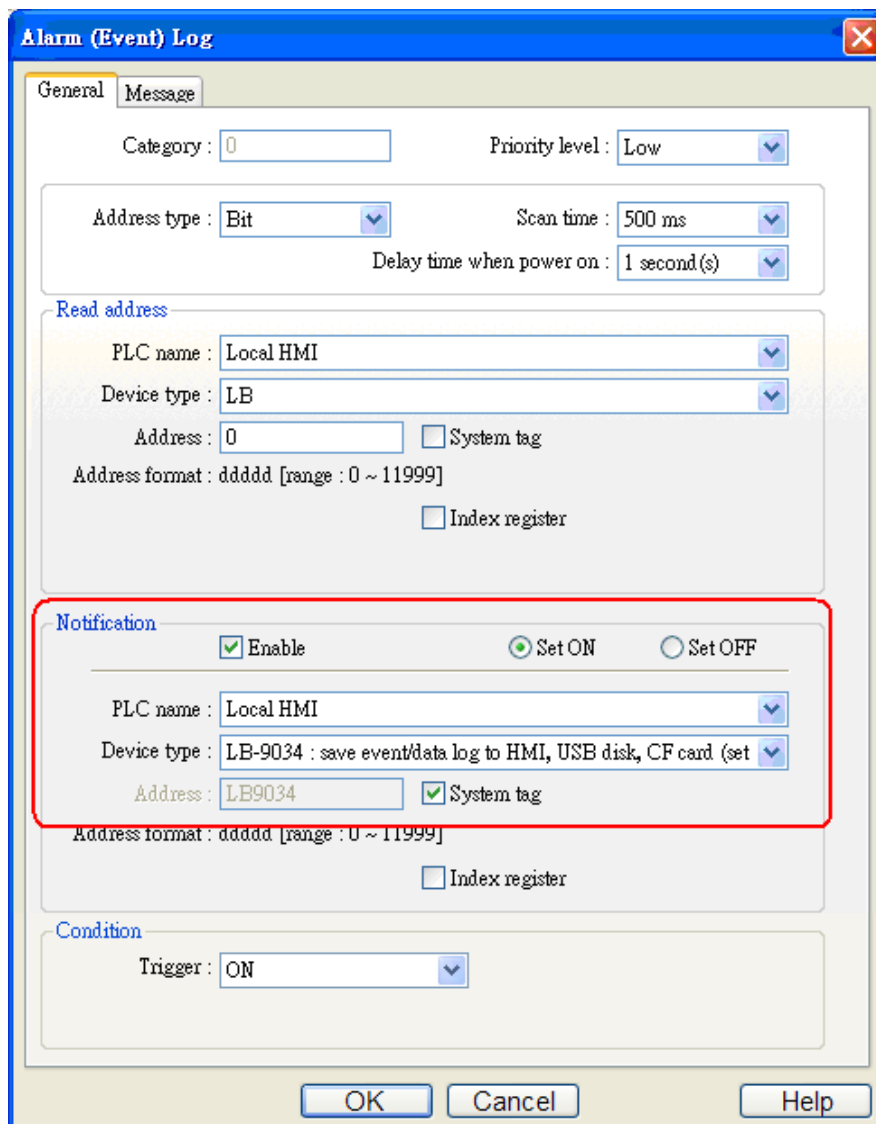
Criterion of saving the data to HMI memory and external device

- The data under Real time mode will lose if HMI shut down.
(Real time means that doesn't set history files storage location)



- If users save the History files of Data log and Event log to HMI memory, The data can be saved when the size of data is more than 4kb, otherwise, users need to use [LB9034: save event/data log to HMI, USB disk, CF card (set ON)] to force the data to be stored.

There is a way to trigger LB9034 automatically. User can set Notification on event log, when the event occurs, the LB9034 will set ON to save event log to HMI memory automatically, the setting as follow:



Alarm (Event) Log

General Message

Category : 0 Priority level : Low

Address type : Bit Scan time : 500 ms
Delay time when power on : 1 second(s)

Read address

PLC name : Local HMI
Device type : LB
Address : 0 System tag
Address format : ddddd [range : 0 ~ 11999]
 Index register

Notification

Enable Set ON Set OFF

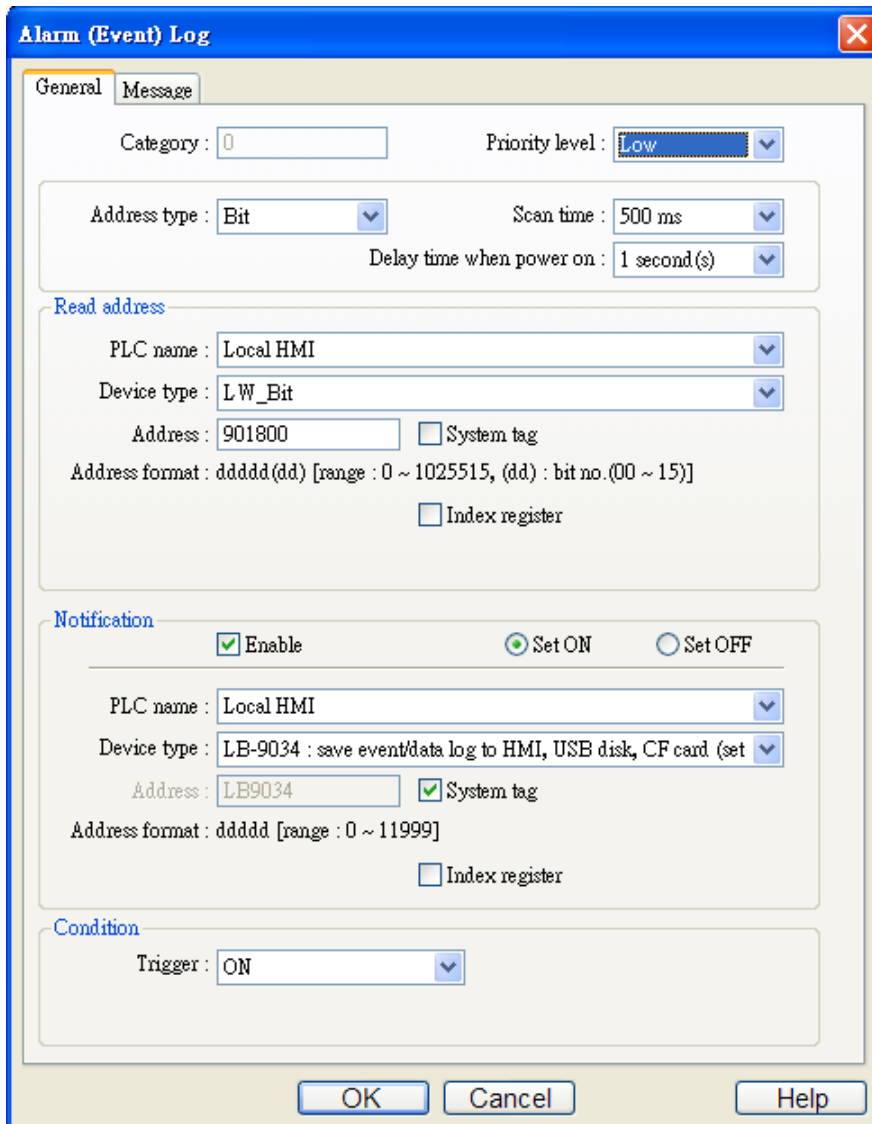
PLC name : Local HMI
Device type : LB-9034 : save event/data log to HMI, USB disk, CF card (set ON)
Address : LB9034 System tag
Address format : ddddd [range : 0 ~ 11999]
 Index register

Condition

Trigger : ON

OK Cancel Help

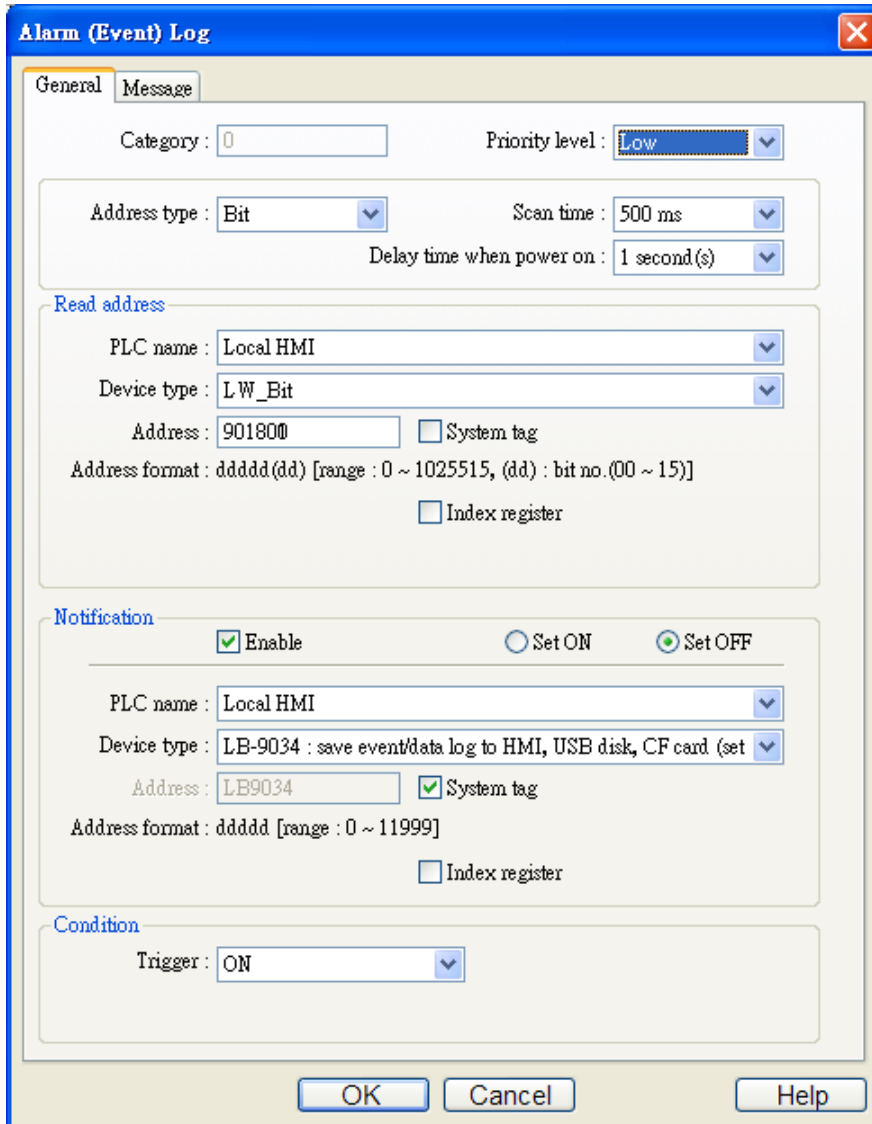
Hint: User can set LW_bit 901800 to trigger LB9034 every two minutes as below pictures.



The screenshot shows the "Alarm (Event) Log" dialog box with the "Message" tab selected. The configuration is as follows:

- General** tab: Category: 0, Priority level: Low
- Address type**: Bit, Scan time: 500 ms, Delay time when power on: 1 second(s)
- Read address**: PLC name: Local HMI, Device type: LW_Bit, Address: 901800, System tag: , Index register:
- Notification**: Enable, Set ON, Set OFF. PLC name: Local HMI, Device type: LB-9034 : save event/data log to HMI, USB disk, CF card (set), Address: LB9034, System tag: , Index register:
- Condition**: Trigger: ON

Buttons at the bottom: OK, Cancel, Help



Alarm (Event) Log

General Message

Category : 0 Priority level : Low

Address type : Bit Scan time : 500 ms
Delay time when power on : 1 second(s)

Read address

PLC name : Local HMI
Device type : LW_Bit
Address : 901800 System tag
Address format : dddd(dd) [range : 0 ~ 1025515, (dd) : bit no.(00 ~ 15)]
 Index register

Notification

Enable Set ON Set OFF

PLC name : Local HMI
Device type : LB-9034 : save event/data log to HMI, USB disk, CF card (set)
Address : LB9034 System tag
Address format : dddd [range : 0 ~ 11999]
 Index register

Condition

Trigger : ON

OK Cancel Help

- If users save the History files of Data log and Event log to external device, such as USB disk or SD card, the data can be saved immediately.

- The EM data is saved in external devices, so EM data can be saved immediately.

- In order to prolong the life of HMI's flash memory, the system will check the addresses of Recipe every minute, if Recipe Data has changed, system will automatically saving the file to flash that avoid losing the data when the HMI shut down.

The EB8000 provide user with [LB9029: save all recipe data to machine (set ON)] system register bit function to save Recipe Data manually. The EB8000 will save Recipe Data when users set ON to [LB9029].