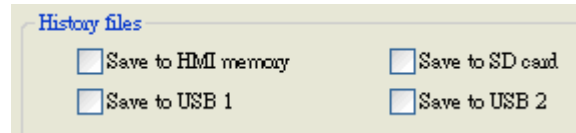


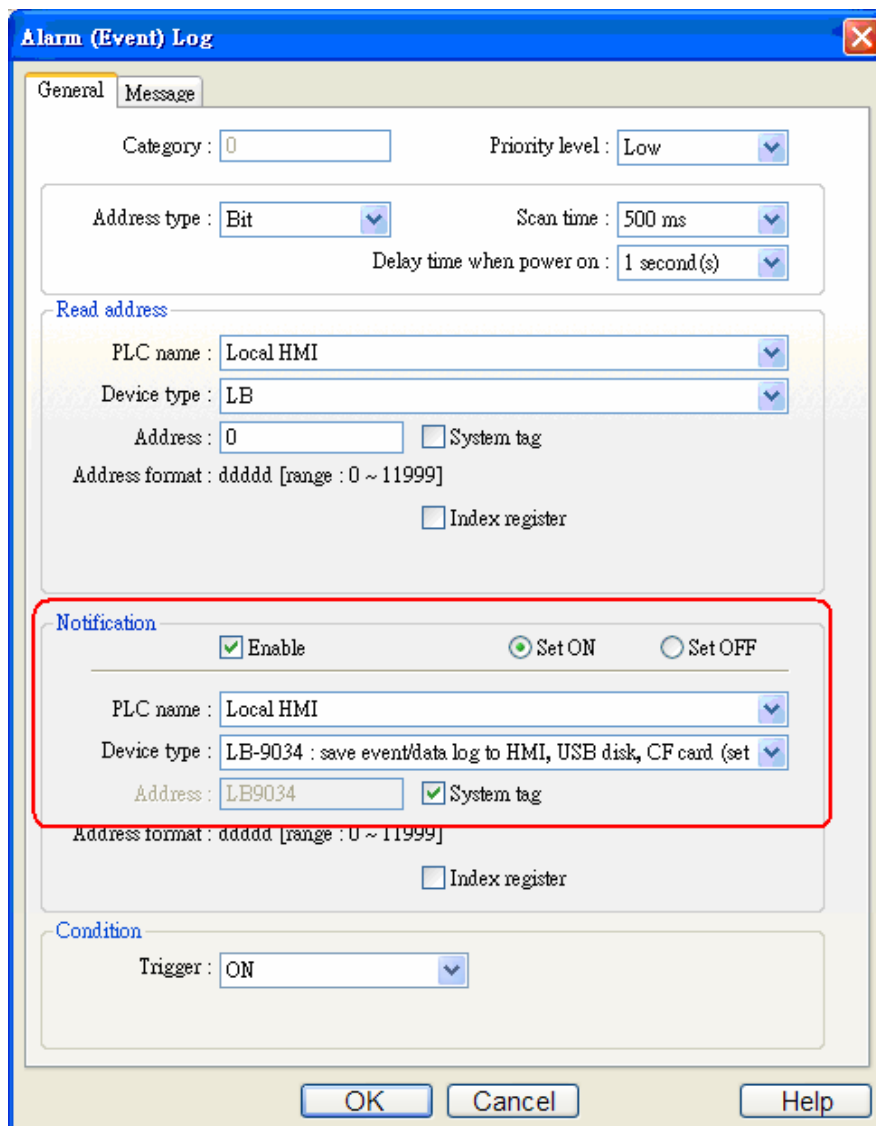
## Criterion of saving the data to HMI memory and external device

- Data under Real time mode will be lost if HMI shut down.  
(Real time means no settings in history files storage location)

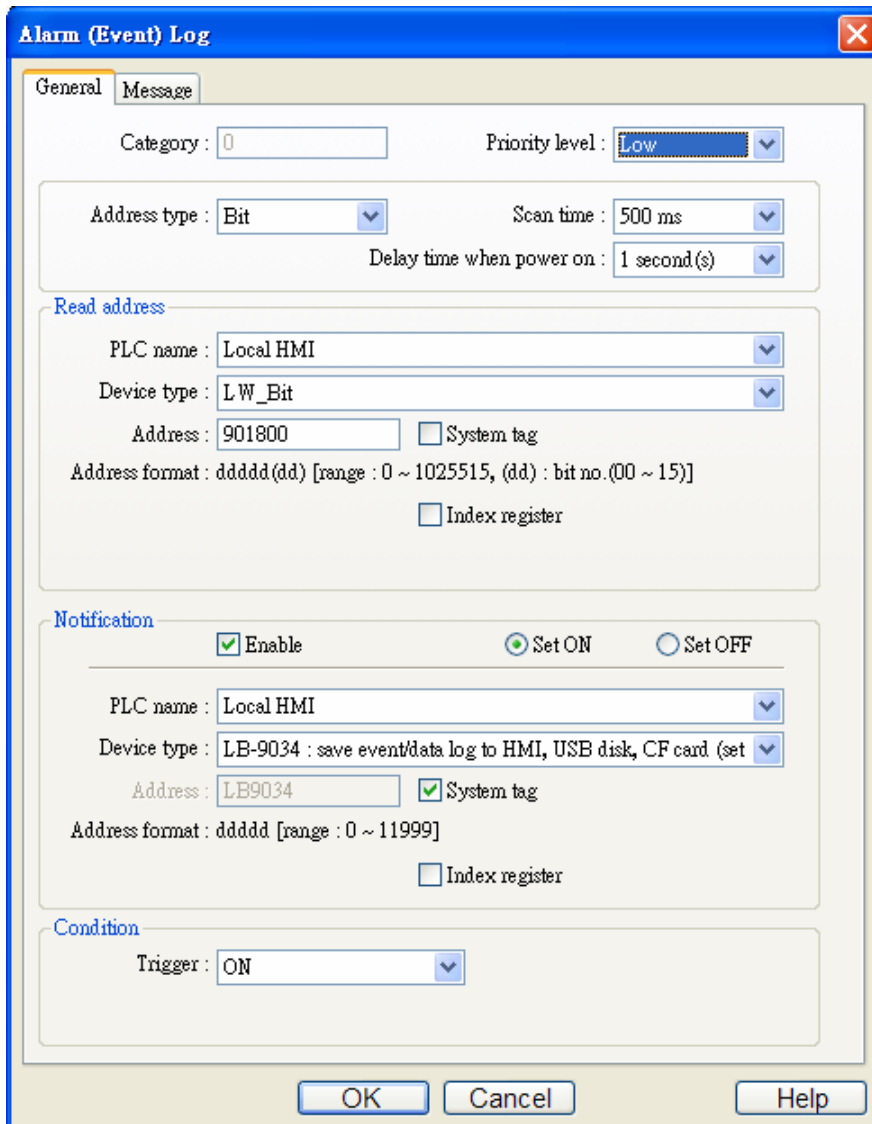


- If users save the History files of Data log and Event log to HMI memory, The data can be saved when the size of data is more than 4kb, otherwise, users need to use [LB9034: save event/data log to HMI, USB disk, CF card (set ON)] to force the data to be stored.

There is a way to trigger LB9034 automatically. Users can set Notification on event log, when an event occurs; the LB9034 will set ON to save event log to HMI memory automatically. The setting is as the following:



Hint: Users can set LW\_bit 901800 to trigger LB9034 every two minutes as pictures below.



The screenshot shows the "Alarm (Event) Log" dialog box with the "Message" tab selected. The "General" section includes "Category" (0) and "Priority level" (Low). The "Address type" is set to "Bit", "Scan time" is 500 ms, and "Delay time when power on" is 1 second(s). The "Read address" section shows "PLC name" (Local HMI), "Device type" (LW\_Bit), and "Address" (901800). The "Notification" section has "Enable" checked, "Set ON" selected, and "PLC name" (Local HMI), "Device type" (LB-9034 : save event/data log to HMI, USB disk, CF card (set), and "Address" (LB9034). The "Condition" section has "Trigger" (ON). Buttons for "OK", "Cancel", and "Help" are at the bottom.

**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

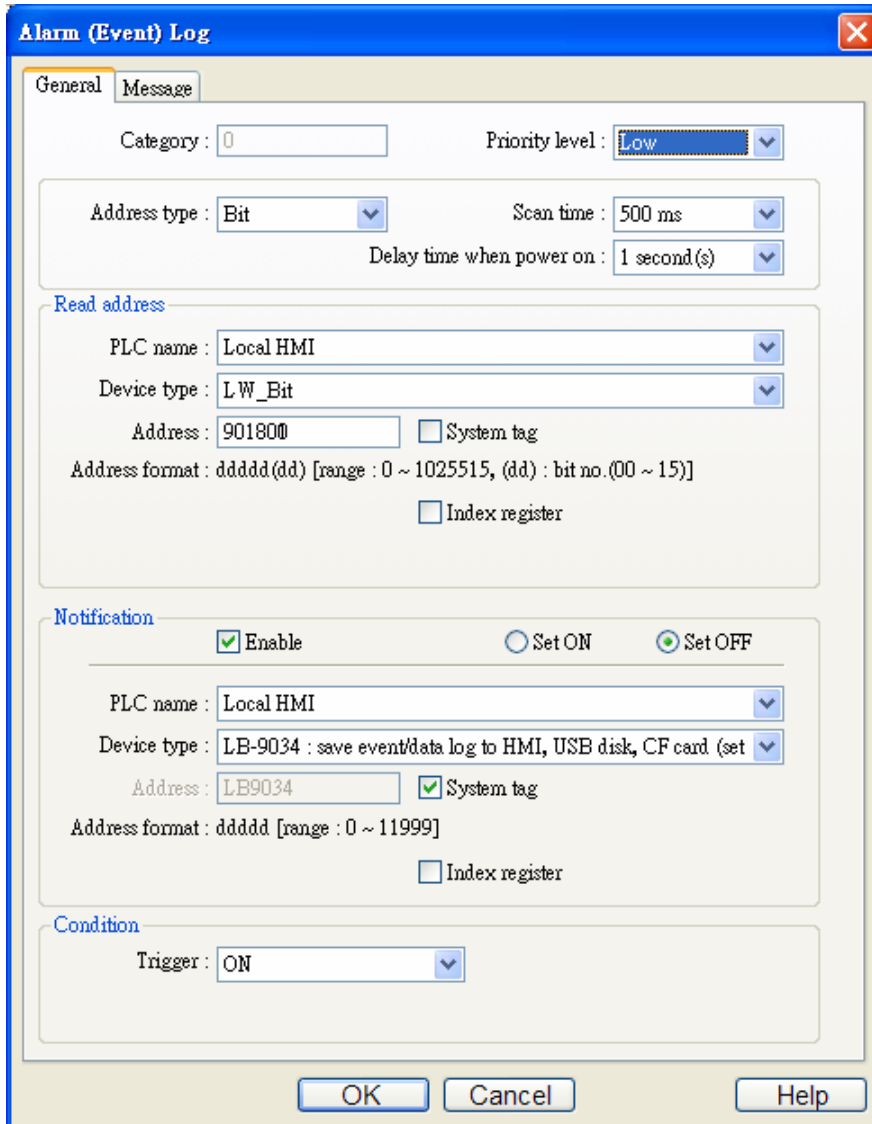
Enable  Set ON  Set OFF

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



**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 span of HMI flash memory, the system will check the addresses of Recipe every minute, if Recipe Data has changed, system will automatically save the file to flash to avoid losing the data when HMI shut down.

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