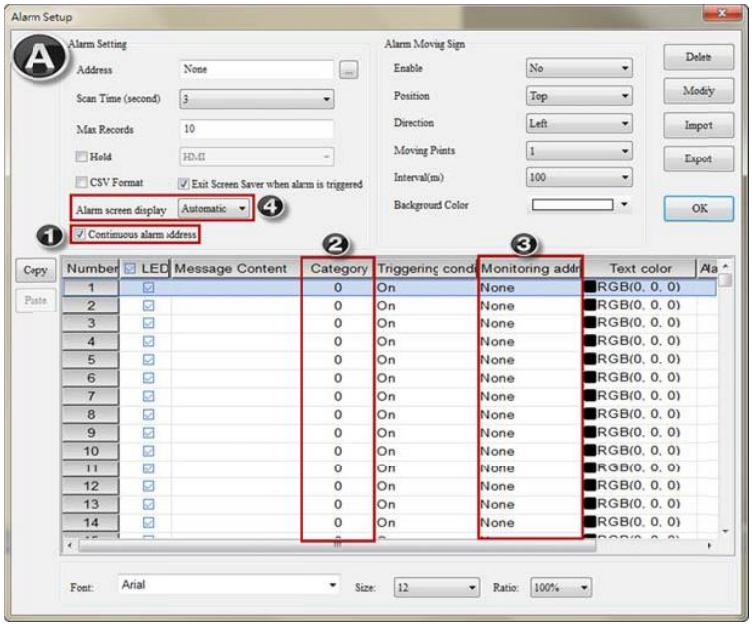
■ DOP-W Series

The advanced alarm function in DOP-W series HMI allows users to display the alarm by the setting of Active address, Sort address and Filter address.

Followings are the detailed descriptions of global alarm setting and functions provided by Alarm History Table.

Global alarm setting can be divided into two categories, which are continuous alarm address (A) and non-continuous alarm address (B).

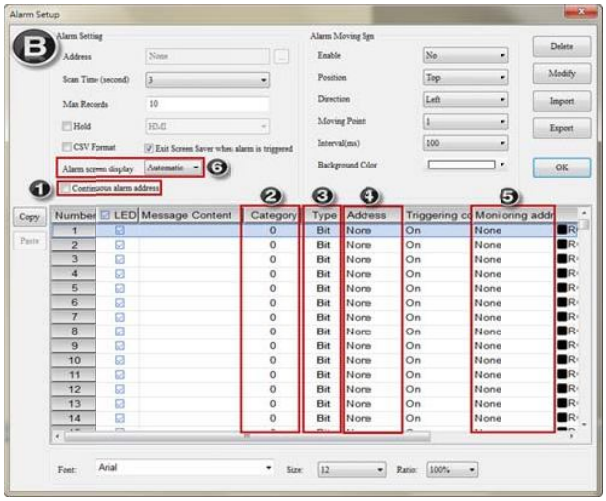
- A: Check [Continuous alarm address]



Number	Name	Descriptions
❶	Continuous Alarm Address	The default setting of this function is enabled. Its address setting should be identical to the alarm address that is set before.
❷	Category	This represents the category of alarm number, which is similar to grouping. The supporting range is between 1 and 255.
❸	Monitoring Address	It can be used to display the alarm message set by users. Add "%d1" after the alarm content you entered and when the value of monitoring address is 10, the alarm information shown in Alarm History Table will be Alarm10.

Number	Name	Descriptions
❹	Alarm Screen Display	It has two types, automatic and manual. When it sets to Automatic: If the alarm is triggered, the alarm screen will immediately pop up. When it sets to Manual: The display of alarm screen is controlled by setting the Action address to 2.

- B: Not to check [Continuous alarm address]



Number	Name	Descriptions
❶	Continuous Alarm Address	Uncheck this selection and the Read address will be disabled. According to the alarm type (Bit or Word), each alarm address can be triggered individually.
❷	Category	It represents the alarm category, which is similar to alarm group. The supported group range is between 1 and 255.
❸	Type	The type can be Bit or Word. Bit: Define the Bit address for triggering alarms Word: Define the Word address for triggering alarms
❹	Address	The triggering method is determined by its type, Bit or Word. When the type is Bit, please enter the Bit address to trigger the alarm. When the type is Word, the alarm can be triggered according to the conditional statement.

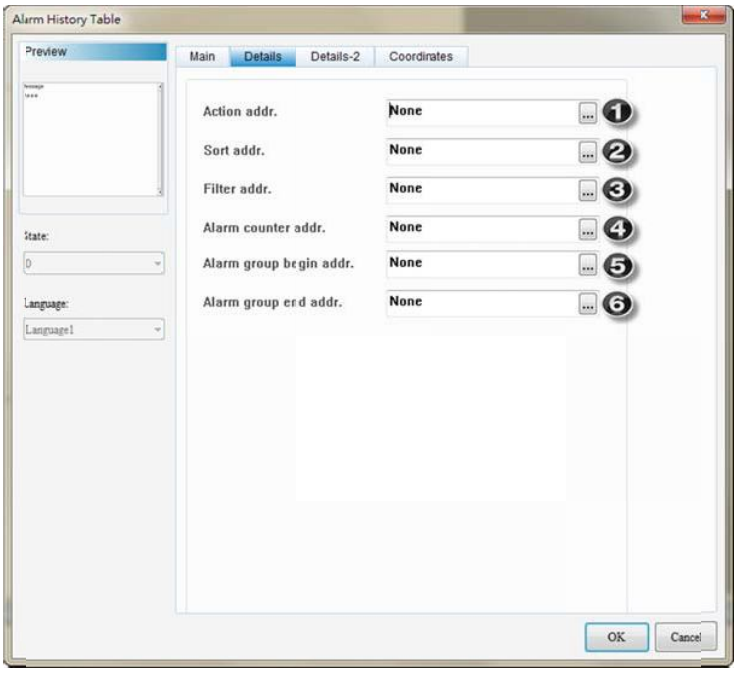
Conditional	Descriptions
=	equal to
>	greater than
<	less than
>=	greater than or equal to
<=	less than or equal to

<table>
<tr><th>Number</th><th>Name</th><th colspan="3">Descriptions</th></tr>
<tr><td></td><td></td><td></td><td>>,<</td><td>out of the range</td></tr>
<tr><td></td><td></td><td></td><td><=,<=</td><td>within the range</td></tr>
<tr><td>❺</td><td>Monitoring Address</td><td colspan="3">It is used to display alarm messages set by users.
Add “%d1” after the alarm content you entered and when the value of monitoring address is 10, the alarm information shown in Alarm History Table will be Alarm10.</td></tr>
<tr><td>❻</td><td>Alarm Screen Display</td><td colspan="3">When it sets to Automatic: When the alarm is triggered, the alarm screen will immediately pop up.
When it sets to Manual: The display of alarm screen is controlled by setting the Action address to 2.</td></tr>
</table>

We have two pages in Alarm History Table, Details and Details-2.

- Details

  The control address provided in Details page allows users to arrange and select the alarm according to the set items.

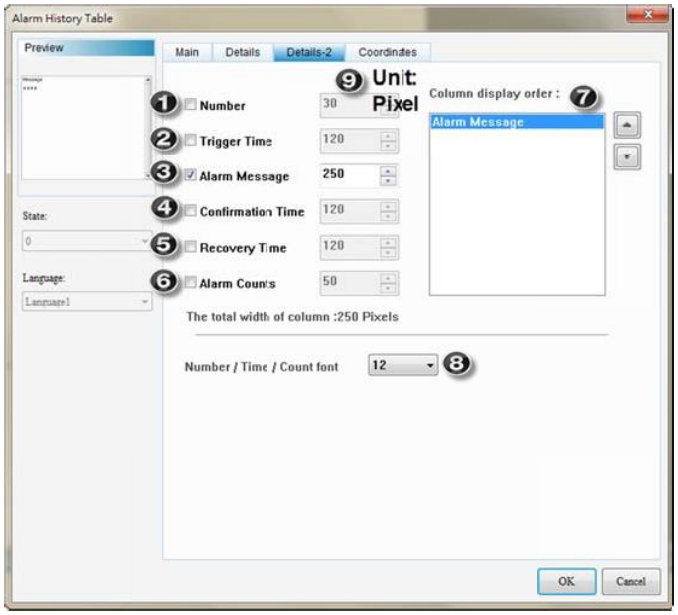


No.	Name	Descriptions
❶	Action address	Action address allows the specified alarm can be displayed and acknowledged. Value / Descriptions: 0 – Default status. No action will be done. 1 – Acknowledge the selected alarm in Alarm History Table. 2 – If the selected alarm has alarm screen and the screen display is set to Manual, when the value is 2, it will display the alarm screen.
❷	Sort address	The sort address will arrange and display the item specified by users. Value / Descriptions: 0 – Default status. No action will be done. 1 – Arrange the item according to the Trigger Time 2 – Arrange the item according to the Acknowledge Time 3 – Arrange the item according to the Recovery Time 4 – Arrange the item according to the alarm counts 5 – Arrange the item according to the alarm type 6 – Arrange the item according to the alarm number

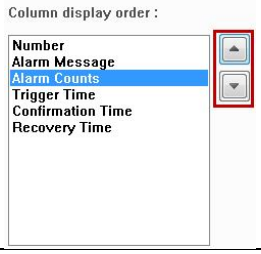
<table>
<tr><th>No.</th><th>Name</th><th>Descriptions</th></tr>
<tr><td>❸</td><td>Filter address</td><td>Filter address allows users to sift the specified items.
<table>
<tr><th>Value</th><th>Descriptions</th></tr>
<tr><td>0</td><td>Default status. It displays all triggered alarms.</td></tr>
<tr><td>1</td><td>Hide the alarm with the function of [Recovery Time] and [Confirmation Time].</td></tr>
<tr><td>2</td><td>Hide the alarm with the function of [Recovery Time].</td></tr>
<tr><td>3</td><td>Hide the alarm with the function of [Recovery Time] or [Confirmation Time].</td></tr>
<tr><td></td><td>Hide the alarm with the function of [Confirmation Time].</td></tr>
<tr><td>5</td><td>It has to work with [Alarm Counter Address].
The displayed Alarm count is generated in accordance with the value of [Alarm Counter Address]. If the displayed alarm count is smaller than this value, then it will not show this alarm.</td></tr>
<tr><td>6</td><td>It has to work with [Alarm group begin address] and [Alarm group end address].
When the alarm number is not within the range set by these two addresses, then the alarm will not be displayed.</td></tr>
</table></td></tr>
<tr><td>❹</td><td>Alarm Counter address</td><td>It has to work with [Filter address].
Only when the value of [Filter address] is 5, can the user enter the number of Alarm count.
<table>
<tr><th>Example</th><th>Behavior</th></tr>
<tr><td>The Alarm count is 1, 2 or 3.</td><td>Enter 1 and the Alarm History Table will display the alarm which alarm count is more than 1; Enter 2 and the Alarm History Table will display the alarm which alarm count is more than 2; Enter 3, the Alarm History Table will display the alarm which alarm count is more than 3.</td></tr>
</table></td></tr>
<tr><td>❺</td><td>Alarm group begin address</td><td rowspan="2">It has to work with [Filter address].
Only when the value of [Filter address] is 5, can the user enter the alarm type number.
<table>
<tr><th>Example</th><th>Behavior</th></tr>
<tr><td>The number of alarm type is 1 and 5</td><td>Set [Alarm group begin address] to 1 and [Alarm group end address] to 3, the Alarm History Table will only display the alarms that belong to type 1.
Set [Alarm group begin address] to 1 and [Alarm group end address] to 5, the Alarm History Table will display the alarms that belong to type 1 and 5.</td></tr>
</table></td></tr>
<tr><td>❻</td><td>Alarm group end address</td></tr>
</table>

- Details-2

The page allows users to check the display information of Alarm History Table, arrange the column sequence and adjust the column width and font size.



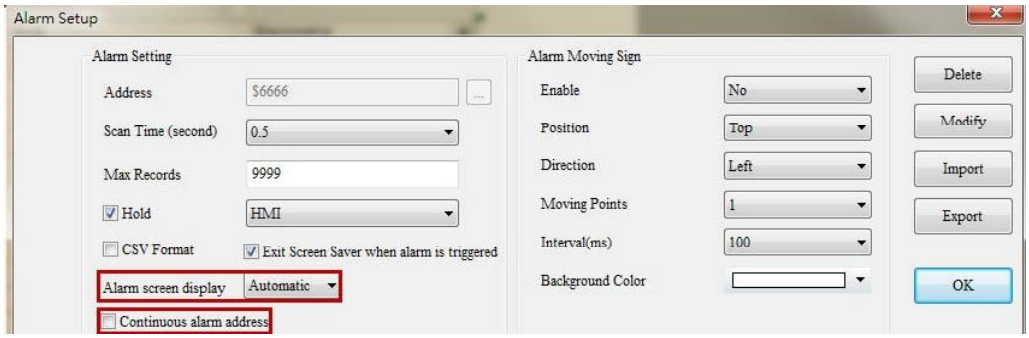
No.	Name	Descriptions
❶	Number	Check this item and the Alarm History Table will display the alarm number.
❷	Trigger Time	Check this item and the Alarm History Table will show the alarm triggering time. Note: Please select the time format and date format in [Main] page to display the trigger time.
❸	Alarm Message	Check this item to display the alarm message in Alarm History Table.
❹	Confirmation Time	Check this item and the Alarm History Table will show the Acknowledged alarm information. Note: Please select the time format and date format in [Main] page to display the confirmation time.
❺	Recovery Time	Check this item and the Alarm History Table will show the Recovery alarm information. Note: Please select the time format and date format in [Main] page to display the recovery time.
❻	Alarm Counts	Check this item and the Alarm History Table will display alarm triggering times.

No.	Name	Descriptions
❼	Column display order	Users can use the Up and Down button to arrange the displaying order. 
❽	Number / Time / Count font	Users can determine the displayed number, time and font size for alarm count.
❾	Column Width	Check the column that you desire to display and adjust the width. Its unit is Pixel.

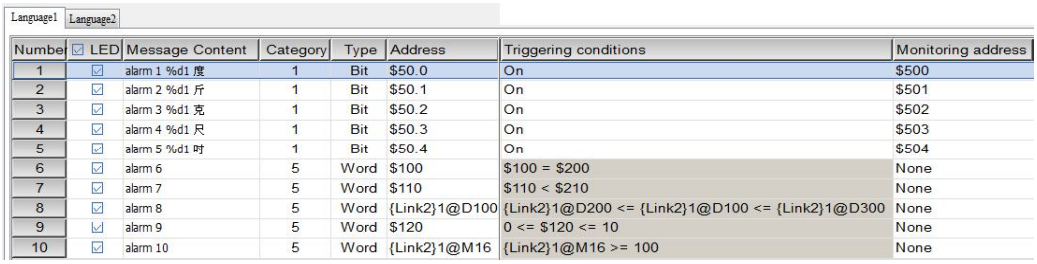
The function of Continuous alarm address is identical to the previous alarm setting. Thus, we take non-continuous alarm address as the example.

Step 1: Go to [Options] > [Alarm Setup] and see the parameters setting as below.

- Uncheck [Continuous alarm address].
- Select [Automatic] as Alarm screen display.



- Set up 10 alarms. Refer to the setting below:

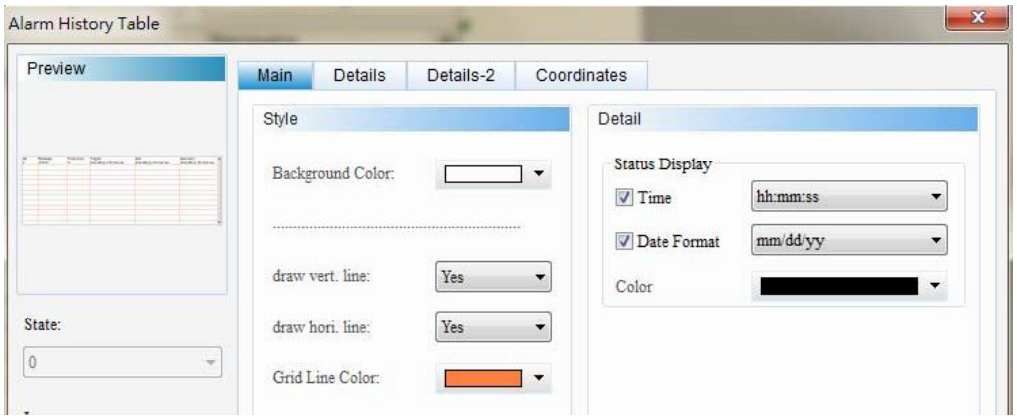


Language1 | Language2

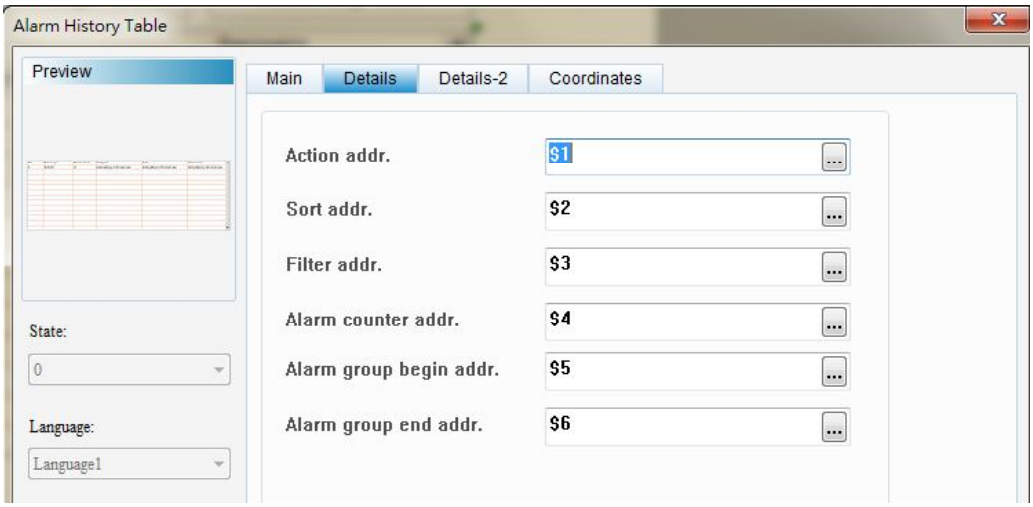
Numbe	LED	Message Content	Category	Type	Address	Triggering conditions	Monitoring address
1	☑	alarm 1 %d1 度	1	Bit	$50.0	On	$500
2	☑	alarm 2 %d1 斤	1	Bit	$50.1	On	$501
3	☑	alarm 3 %d1 克	1	Bit	$50.2	On	$502
4	☑	alarm 4 %d1 尺	1	Bit	$50.3	On	$503
5	☑	alarm 5 %d1 吋	1	Bit	$50.4	On	$504
6	☑	alarm 6	5	Word	$100	$100 = $200	None
7	☑	alarm 7	5	Word	$110	$110 < $210	None
8	☑	alarm 8	5	Word	{Link2}1@D100	{Link2}1@D200 <= {Link2}1@D100 <= {Link2}1@D300	None
9	☑	alarm 9	5	Word	$120	0 <= $120 <= 10	None
10	☑	alarm 10	5	Word	{Link2}1@M16	{Link2}1@M16 >= 100	None

Step 2: Create an Alarm History Table

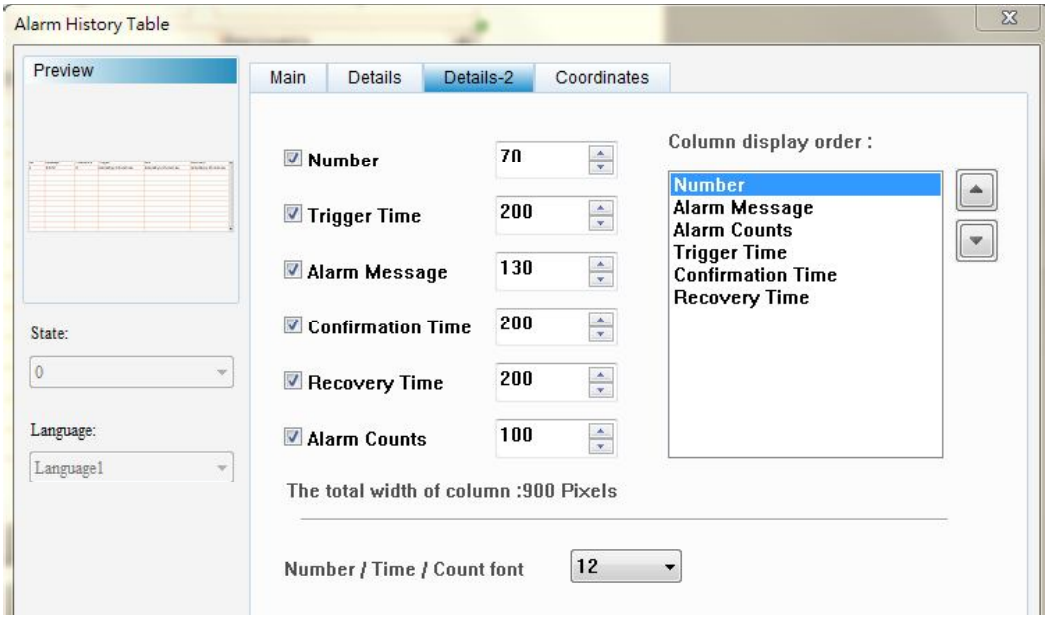
- See the general setting of Main page below:



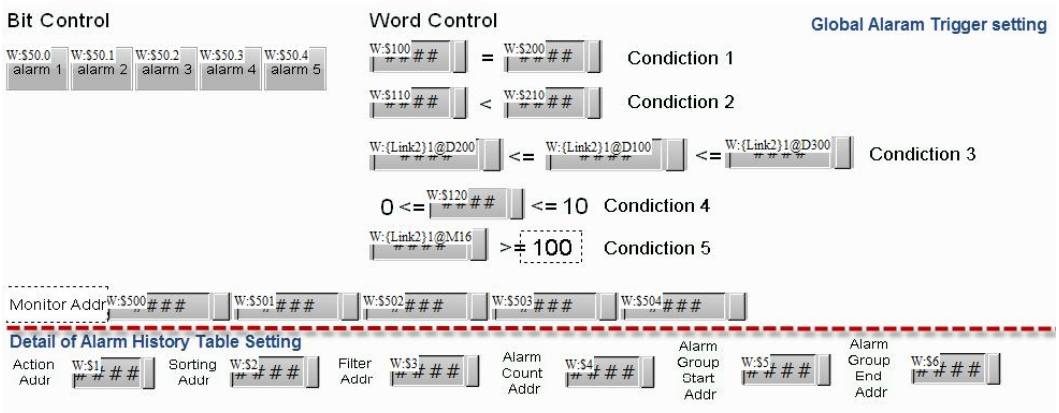
- See the setting of Details page below:



- See the setting of Details-2:



Step 3: Create the numeric entry element and maintained button of alarm setting and Alarm History Table.



Step 4: Create one alarm screen as the sub-screen. Then, go to [Options] > [Alarm Setup] to set the screen of alarm number 1 and number 6 as screen 2.

Language1 Language2

Numbe	LED	Message Content	Category	Type	Address	Triggering conditions	Monitoring address	Alarm screen
1	☑	alarm 1 %d1 度	1	Bit	$50.0	On	$500	2 - Screen_2
2	☑	alarm 2 %d1 斤	1	Bit	$50.1	On	$501	None
3	☑	alarm 3 %d1 克	1	Bit	$50.2	On	$502	None
4	☑	alarm 4 %d1 尺	1	Bit	$50.3	On	$503	None
5	☑	alarm 5 %d1 吋	1	Bit	$50.4	On	$504	None
6	☑	alarm 6	5	Word	$100	$100 = $200	None	2 - Screen_2
7	☑	alarm 7	5	Word	$110	$110 < $210	None	None
8	☑	alarm 8	5	Word	{Link2}1@D100	{Link2}1@D200 <= {Link2}1@D100 <= {Link2}1@D300	None	None
9	☑	alarm 9	5	Word	$120	0 <= $120 <= 10	None	None
10	☑	alarm 10	5	Word	{Link2}1@M16	{Link2}1@M16 >= 100	None	None

Step 5: Please go to [Initial Macro] to write the command, which is shown as below. When the HMI screen is opened, alarm 6 ~ 10 is on.

6	☑	alarm 6	5	Word	$100	$100 = $200
7	☑	alarm 7	5	Word	$110	$110 < $210
8	☑	alarm 8	5	Word	{Link2}1@D100	{Link2}1@D200 <= {Link2}1@D100 <= {Link2}1@D300
9	☑	alarm 9	5	Word	$120	0 <= $120 <= 10
10	☑	alarm 10	5	Word	{Link2}1@M16	{Link2}1@M16 >= 100

*[&Initial Macro]

*[&Initial Macro]

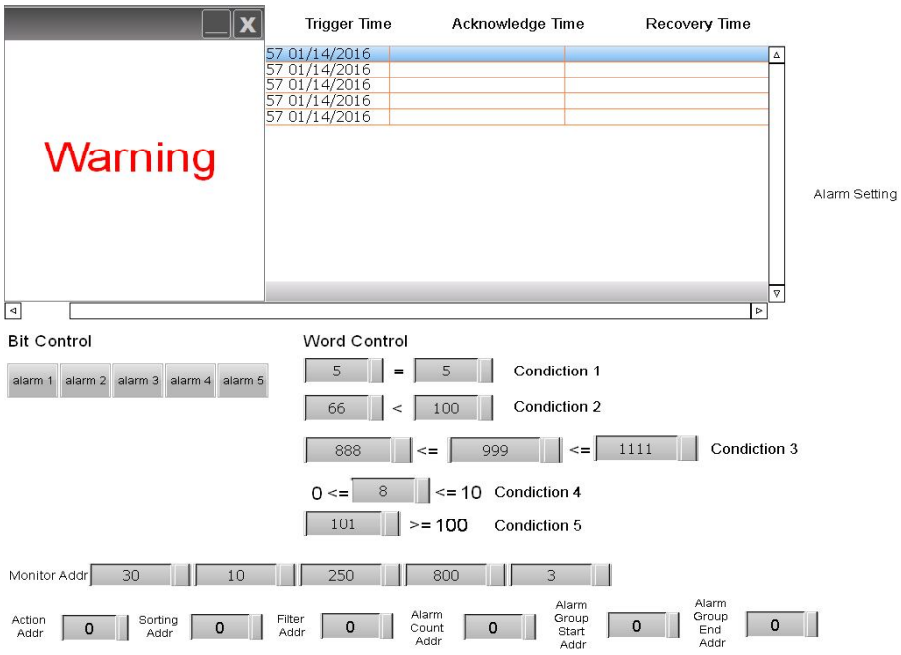
```
#Word Control
#Condiction1 $100 = $200
$100 = 5
$200 = 5
#Word Control
#Condiction2 $110 < $210
$110 = 66
$210 = 100
#Word Control
#Condiction3 {Link2}1@D200 <= {Link2}1@D100 <= {Link2}1@D300
{Link2}1@D200 = 888
{Link2}1@D100 = 999
{Link2}1@D300 = 1111
#Word Control
#Condiction4 0 <= $120 <= 10
$120 = 8
#Word Control
#Condiction5 {Link2}1@M16 >= 100
{Link2}1@M16 = 101

#Monitoring Address
$500 = 30
$501 = 10
$502 = 250
$503 = 800
$504 = 3
```

Step 6: Please compile and download all screens to the HMI.

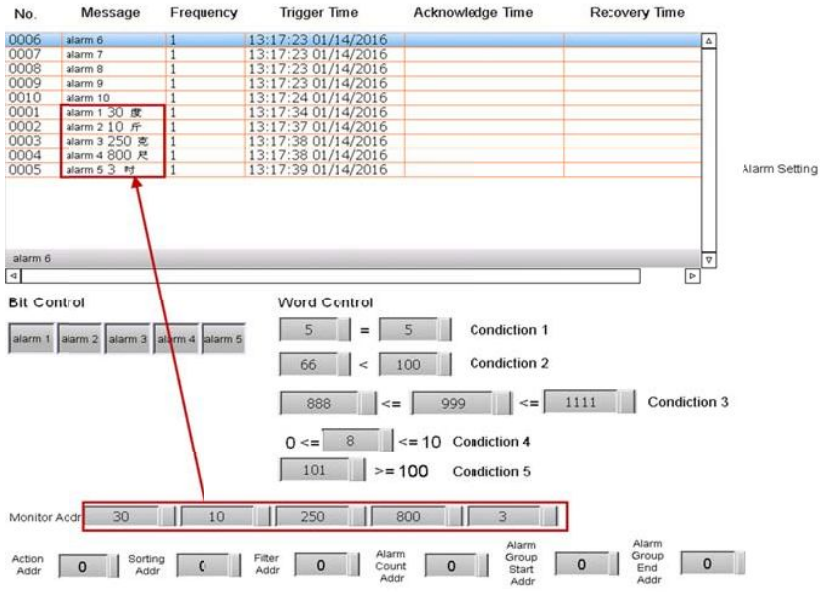
Step 7: After enabling the HMI screen, see the functions below:

- Alarm screen display
  - In this example, [Alarm screen display] is set to [Automatic]. When the condition of alarm 6 is established, the alarm is On and the alarm screen shows automatically.
  - If [Alarm screen display] is set to [Manual], you need to set [Action Address] to 2 to display the alarm screen.

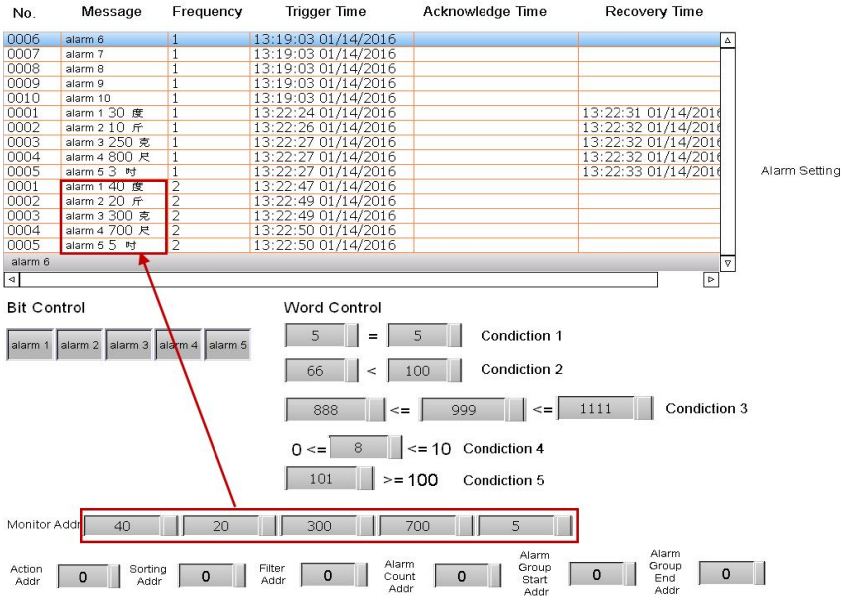


  - Please close the alarm screen.

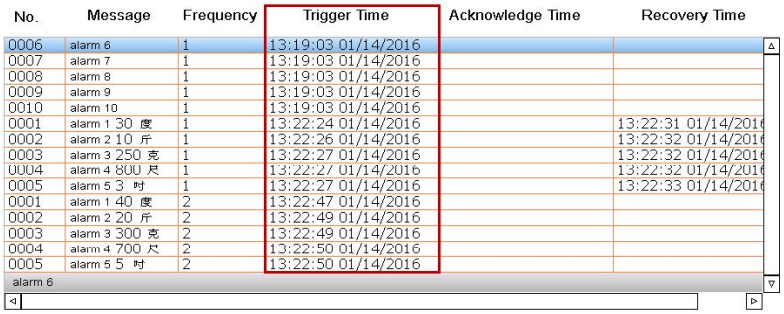
- Trigger alarm 1 ~ 5 by Bit Control
  - Bit address triggers alarm 1 to 5. The Alarm History Table displays the alarm message set by users.



  - If you change the value of [Monitoring address], please trigger alarm 1 to 5 again. The displayed alarm message will be changed in accordance with the value.



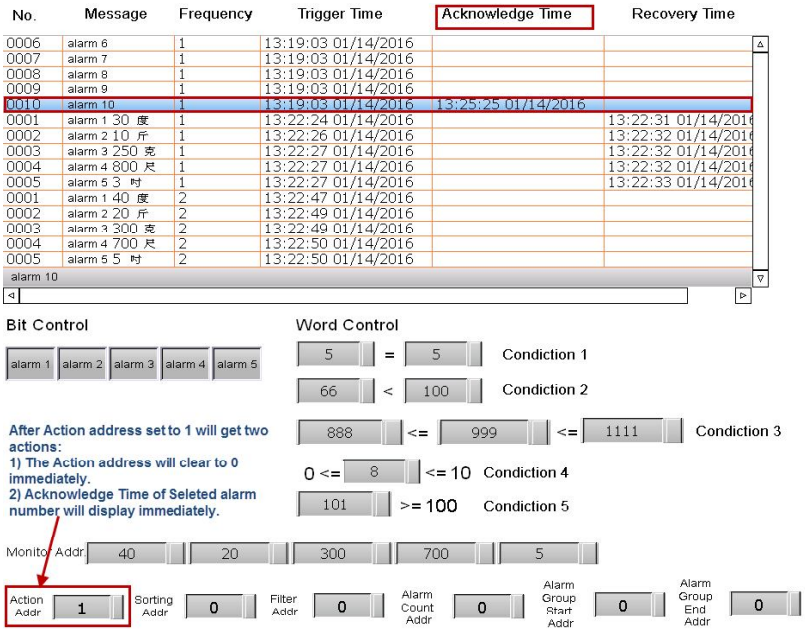
- Trigger Time
  - When the condition of triggering the alarm by Bit address or Word address is established, the Alarm History Table will display the time and date that alarm has been triggered.



No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016		
0007	alarm 7	1	13:19:03 01/14/2016		
0008	alarm 8	1	13:19:03 01/14/2016		
0009	alarm 9	1	13:19:03 01/14/2016		
0010	alarm 10	1	13:19:03 01/14/2016		
0001	alarm 1 30 度	1	13:22:24 01/14/2016		13:22:31 01/14/201
0002	alarm 2 10 斤	1	13:22:26 01/14/2016		13:22:32 01/14/201
0003	alarm 3 250 克	1	13:22:27 01/14/2016		13:22:32 01/14/201
0004	alarm 4 800 尺	1	13:22:27 01/14/2016		13:22:32 01/14/201
0005	alarm 5 3 吋	1	13:22:27 01/14/2016		13:22:33 01/14/201
0001	alarm 1 40 度	2	13:22:47 01/14/2016		
0002	alarm 2 20 斤	2	13:22:49 01/14/2016		
0003	alarm 3 300 克	2	13:22:49 01/14/2016		
0004	alarm 4 700 尺	2	13:22:50 01/14/2016		
0005	alarm 5 5 吋	2	13:22:50 01/14/2016		

alarm 6

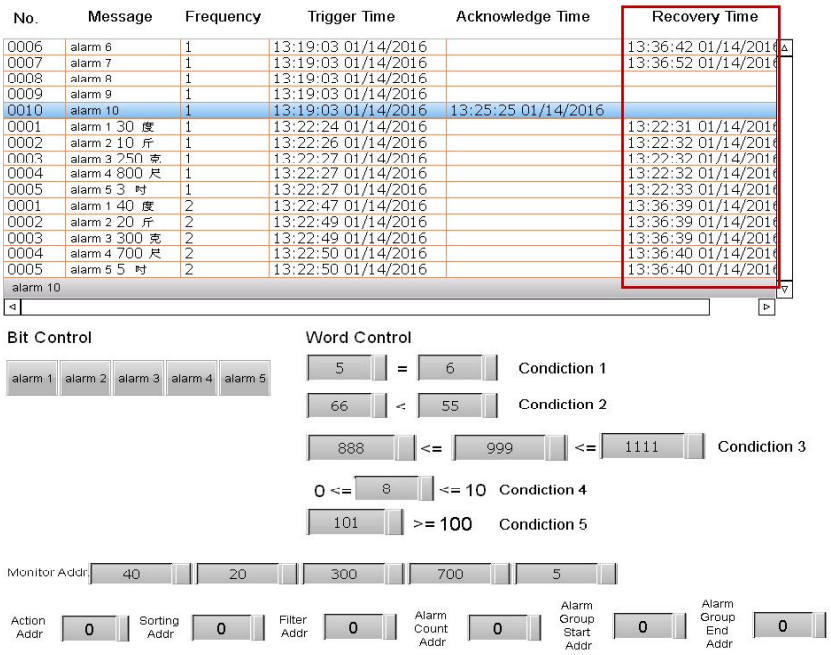
- Acknowledge Time
  - To display the Acknowledge Time, please set Action address to 1.



No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016		
0007	alarm 7	1	13:19:03 01/14/2016		
0008	alarm 8	1	13:19:03 01/14/2016		
0009	alarm 9	1	13:19:03 01/14/2016		
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016		13:22:31 01/14/201
0002	alarm 2 10 斤	1	13:22:26 01/14/2016		13:22:32 01/14/201
0003	alarm 3 250 克	1	13:22:27 01/14/2016		13:22:32 01/14/201
0004	alarm 4 800 尺	1	13:22:27 01/14/2016		13:22:32 01/14/201
0005	alarm 5 3 吋	1	13:22:27 01/14/2016		13:22:33 01/14/201
0001	alarm 1 40 度	2	13:22:47 01/14/2016		
0002	alarm 2 20 斤	2	13:22:49 01/14/2016		
0003	alarm 3 300 克	2	13:22:49 01/14/2016		
0004	alarm 4 700 尺	2	13:22:50 01/14/2016		
0005	alarm 5 5 吋	2	13:22:50 01/14/2016		

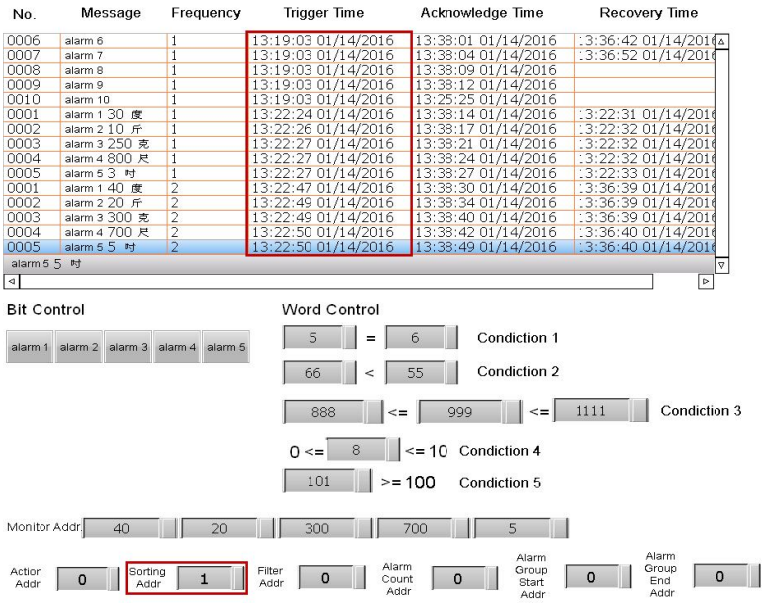
alarm 10

- Recovery Time
  - If the condition of triggering the alarm by Bit address or Word address is not established (such as Condition1 and Condition 2, see the figure below), then the Alarm History Table will display the Recovery Time.

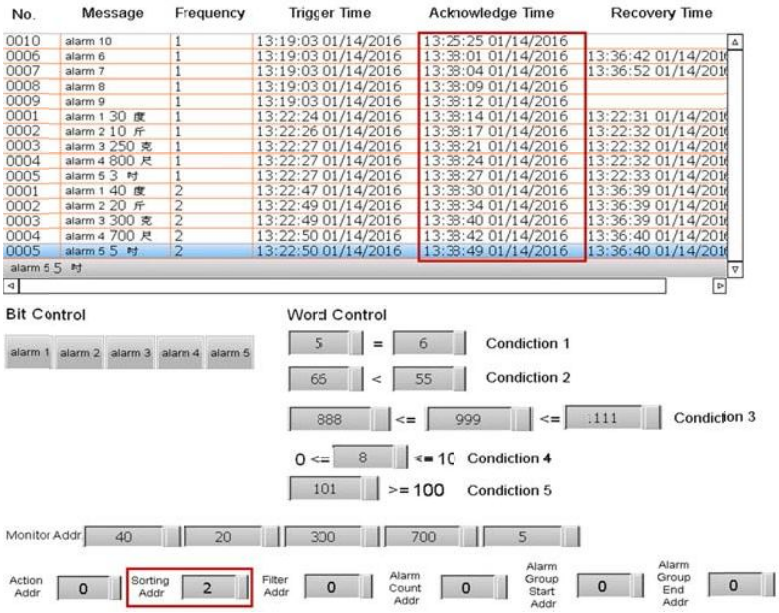


- Action Address
  - When Action Address is set to 0, the Alarm History Table has no action.
  - When Action Address is set to 1, it will display the Acknowledge Time. (We've already introduced Acknowledge Time before)
  - When Action Address is set to 2 and [Alarm screen display] is set to [Manual], the system will display the alarm screen. (We've already introduced Alarm Screen before)

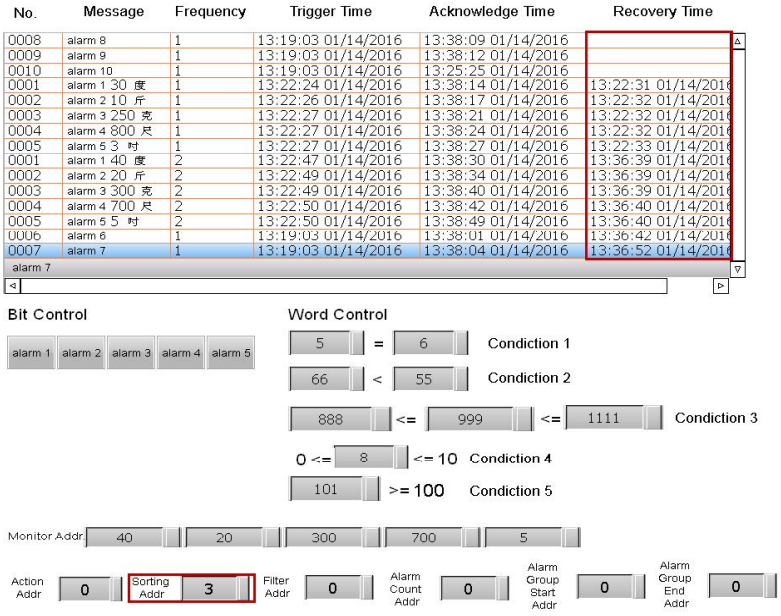
- Sort Address
  - When the value of Sort Address is 0, the Alarm History Table will not do any sorting.
  - When the value of Sort Address is 1, the alarm will be displayed according to the [Trigger Time].



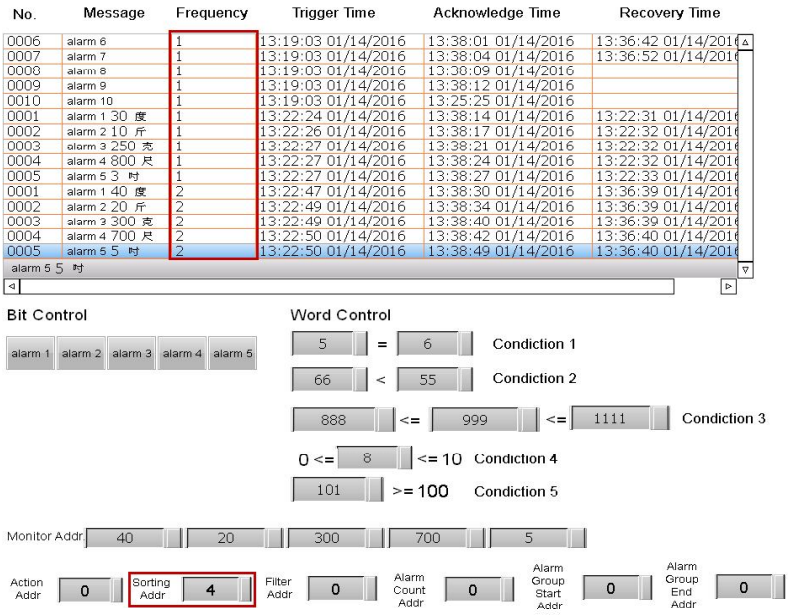
  - When the value of Sort Address is 2, the alarm will be displayed according to the [Acknowledge Time].



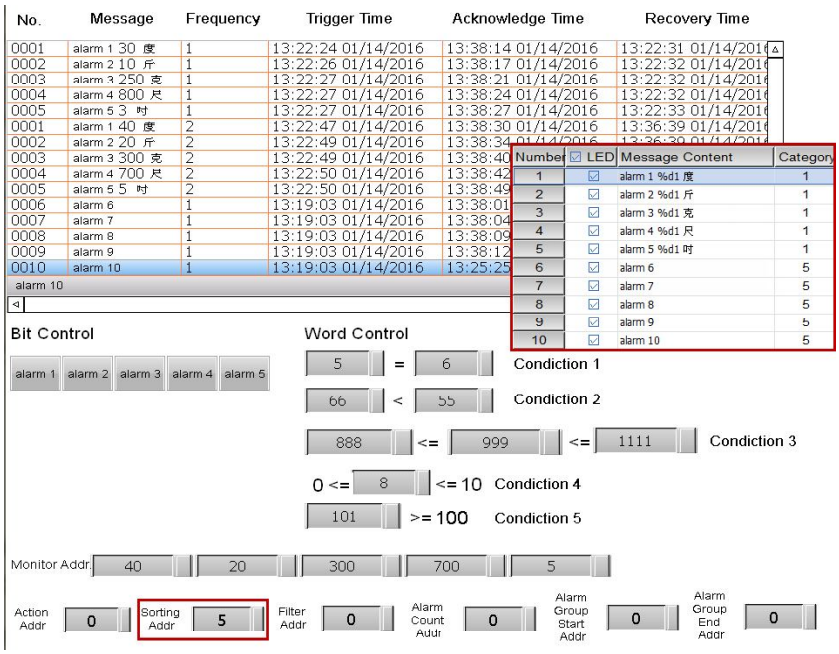
- When the value of Sort Address is 3, the alarm will be displayed according to the [Recovery Time].
- Since alarm No. 8 to 10 have not been cleared, these three will not be listed in Recovery Time.



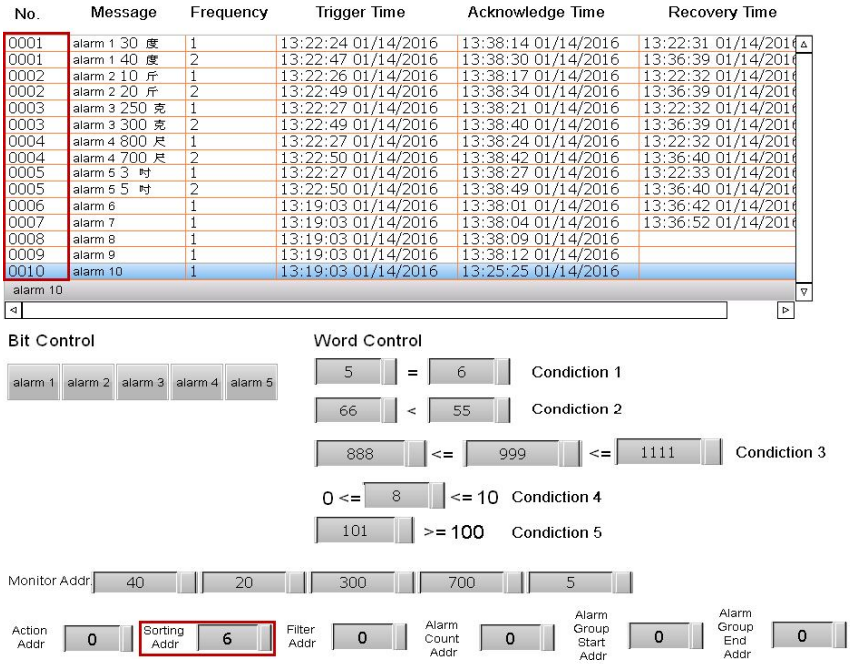
- When the value of Sort Address is 4, the alarm will be displayed in ascending order (from least to greatest) according to the [Frequency].



- When the value of Sort Address is 5, the alarm will be displayed in ascending order (from least to greatest) according to the [Category].



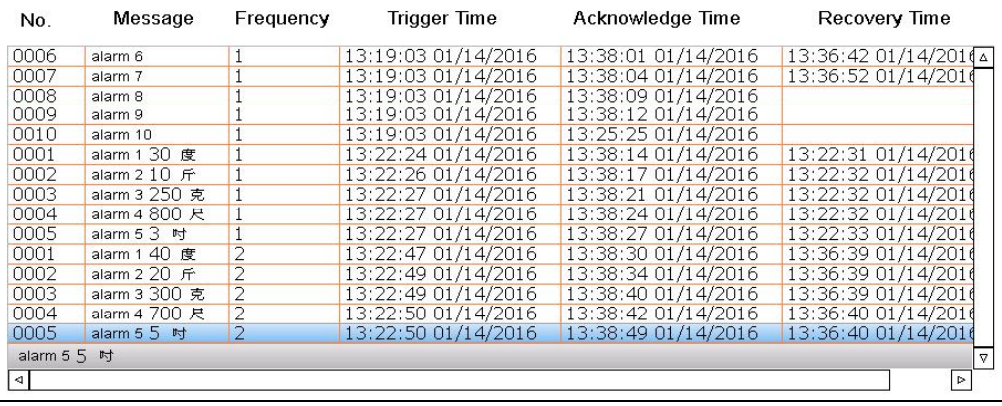
- When the value of Sort Address is 6, the alarm will be displayed in ascending order (from least to greatest) according to the [No.]



■ Filter Address

- When the value of Filter Address is 0, the Alarm History Table will display all alarms that had been triggered.
- When the value of Filter Address is 1, the Alarm History Table will hide the alarms that have set with the function of [Recovery Time] and [Acknowledge Time].

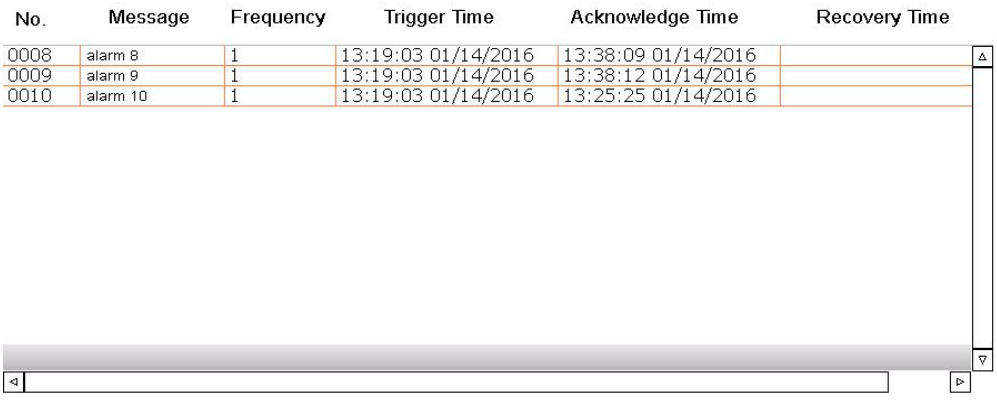
Before



No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

After



No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	

- When the value of Filter Address is 2, the Alarm History Table will hide the alarms that have set with the function of [Recovery Time].

Before

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

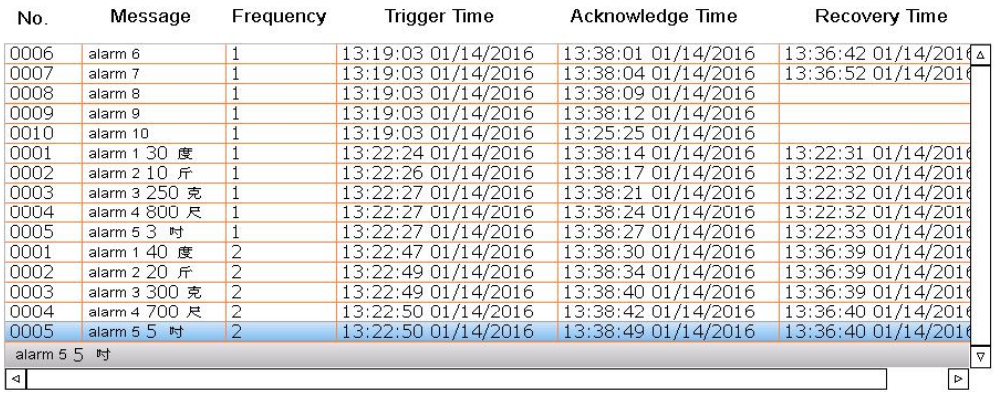
alarm 5 5 吋

After

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	

- When the value of Filter Address is 3, the Alarm History Table will hide the alarms that have set with the function of [Recovery Time] or [Acknowledge Time].

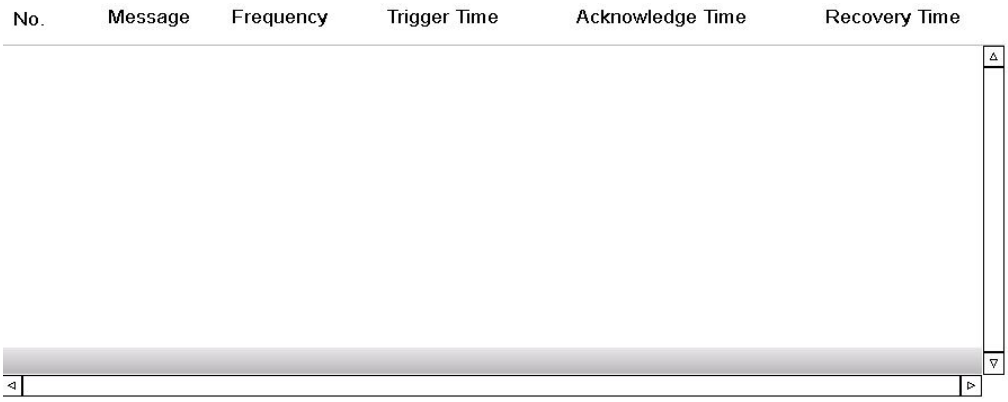
Before



No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

After



No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time

- When the value of Filter Address is 4, the Alarm History Table will hide the alarms that have set with the function of [Acknowledge Time].

Before

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

After

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time

- When the value of Filter Address is 5, please set [Alarm count address] to 1.

Before

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

After

The Alarm History Table will hide the alarms which frequency are less than 1.
Since the example below has no alarm that frequency is less than 1, all alarms will be displayed.

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

- When the value of Filter Address is 5, please set [Alarm count address] to 2.

Before

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

After

The Alarm History Table will hide the alarms which frequency are less than 2.

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

- When the value of Filter Address is 6, please set [Alarm group begin address] to 1 and [Alarm group end address] to 3.

Before

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

After

If the alarm number is not within the setting range of [Alarm group begin address] and [Alarm group end address], the alarm will not be displayed.

Number	LED	Message Content	Category
1	☑	alarm 1 %d1 度	1
2	☑	alarm 2 %d1 斤	1
3	☑	alarm 3 %d1 克	1
4	☑	alarm 4 %d1 尺	1
5	☑	alarm 5 %d1 吋	1
6	☑	alarm 6	5
7	☑	alarm 7	5
8	☑	alarm 8	5
9	☑	alarm 9	5
10	☑	alarm 10	5

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

- When the value of Filter Address is 6, please set [Alarm group begin address] to 3 and [Alarm group end address] to 5.

Before

No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	
0001	alarm 1 30 度	1	13:22:24 01/14/2016	13:38:14 01/14/2016	13:22:31 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2016
0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
0005	alarm 5 3 吋	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2016
0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2016
0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
0005	alarm 5 5 吋	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016

alarm 5 5 吋

After

If the alarm number is not within the setting range of [Alarm group begin address] and [Alarm group end address], the alarm will not be displayed.

Number	LED	Message Content	Category
1	☑	alarm 1 %d1 度	1
2	☑	alarm 2 %d1 斤	1
3	☑	alarm 3 %d1 克	1
4	☑	alarm 4 %d1 尺	1
5	☑	alarm 5 %d1 吋	1
6	☑	alarm 6	5
7	☑	alarm 7	5
8	☑	alarm 8	5
9	☑	alarm 9	5
10	☑	alarm 10	5

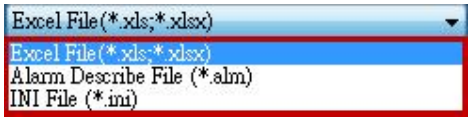
No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
0006	alarm 6	1	13:19:03 01/14/2016	13:38:01 01/14/2016	13:36:42 01/14/2016
0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2016
0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016	
0009	alarm 9	1	13:19:03 01/14/2016	13:38:12 01/14/2016	
0010	alarm 10	1	13:19:03 01/14/2016	13:25:25 01/14/2016	

3.3 The alarm export and import file format now supports Excel

The previous supported format does not allow users to edit the file. DOPSoft 2.00.05 provides Excel file format so that users can edit the alarm information.

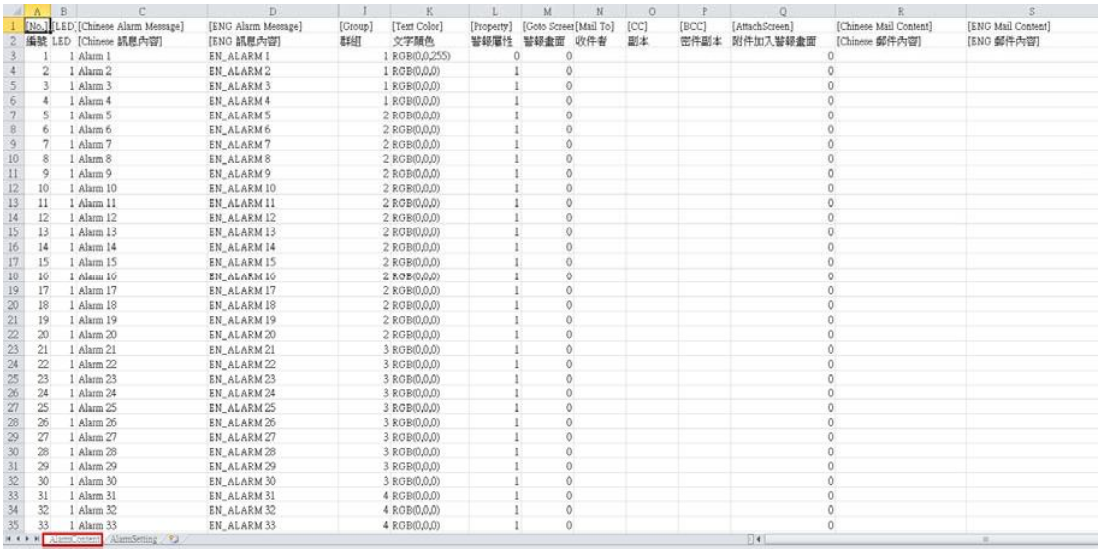
Export file format only supports Excel file format, such as “.xls” and “.xlsx”.

As for the import file format, it supports “.ini”, “.alm” and “Excel” file format.



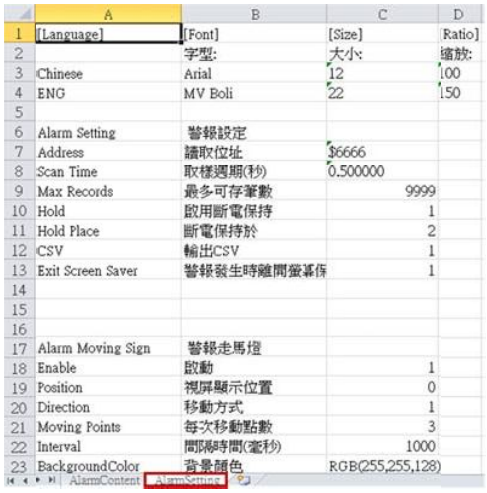
Below shows the Excel file exported by DOP-B series HMI.

- Alarm Content



No.	LED	[Chinese Alarm Message]	[ENG Alarm Message]	[Group]	[Text Color]	[Property]	[Goto Screen]	[Mail To]	[CC]	[BCC]	[AttachScreen]	[Chinese Mail Content]	[ENG Mail Content]
編號	LED	[Chinese 訊息內容]	[ENG 訊息內容]	群組	文字顏色	警報屬性	警報畫面	收件者	副本	密件副本	附件加入警報畫面	[Chinese 郵件內容]	[ENG 郵件內容]
1	1	Alarm 1	EN_ALARM 1	1	RGB(0,0,255)	0	0					0	
2	1	Alarm 2	EN_ALARM 2	1	RGB(0,0,0)	1	0					0	
3	1	Alarm 3	EN_ALARM 3	1	RGB(0,0,0)	1	0					0	
4	1	Alarm 4	EN_ALARM 4	1	RGB(0,0,0)	1	0					0	
5	1	Alarm 5	EN_ALARM 5	2	RGB(0,0,0)	1	0					0	
6	1	Alarm 6	EN_ALARM 6	2	RGB(0,0,0)	1	0					0	
7	1	Alarm 7	EN_ALARM 7	2	RGB(0,0,0)	1	0					0	
8	1	Alarm 8	EN_ALARM 8	2	RGB(0,0,0)	1	0					0	
9	1	Alarm 9	EN_ALARM 9	2	RGB(0,0,0)	1	0					0	
10	1	Alarm 10	EN_ALARM 10	2	RGB(0,0,0)	1	0					0	
11	1	Alarm 11	EN_ALARM 11	2	RGB(0,0,0)	1	0					0	
12	1	Alarm 12	EN_ALARM 12	2	RGB(0,0,0)	1	0					0	
13	1	Alarm 13	EN_ALARM 13	2	RGB(0,0,0)	1	0					0	
14	1	Alarm 14	EN_ALARM 14	2	RGB(0,0,0)	1	0					0	
15	1	Alarm 15	EN_ALARM 15	2	RGB(0,0,0)	1	0					0	
16	1	Alarm 16	EN_ALARM 16	2	RGB(0,0,0)	1	0					0	
17	1	Alarm 17	EN_ALARM 17	2	RGB(0,0,0)	1	0					0	
18	1	Alarm 18	EN_ALARM 18	2	RGB(0,0,0)	1	0					0	
19	1	Alarm 19	EN_ALARM 19	2	RGB(0,0,0)	1	0					0	
20	1	Alarm 20	EN_ALARM 20	2	RGB(0,0,0)	1	0					0	
21	1	Alarm 21	EN_ALARM 21	3	RGB(0,0,0)	1	0					0	
22	1	Alarm 22	EN_ALARM 22	3	RGB(0,0,0)	1	0					0	
23	1	Alarm 23	EN_ALARM 23	3	RGB(0,0,0)	1	0					0	
24	1	Alarm 24	EN_ALARM 24	3	RGB(0,0,0)	1	0					0	
25	1	Alarm 25	EN_ALARM 25	3	RGB(0,0,0)	1	0					0	
26	1	Alarm 26	EN_ALARM 26	3	RGB(0,0,0)	1	0					0	
27	1	Alarm 27	EN_ALARM 27	3	RGB(0,0,0)	1	0					0	
28	1	Alarm 28	EN_ALARM 28	3	RGB(0,0,0)	1	0					0	
29	1	Alarm 29	EN_ALARM 29	3	RGB(0,0,0)	1	0					0	
30	1	Alarm 30	EN_ALARM 30	3	RGB(0,0,0)	1	0					0	
31	1	Alarm 31	EN_ALARM 31	4	RGB(0,0,0)	1	0					0	
32	1	Alarm 32	EN_ALARM 32	4	RGB(0,0,0)	1	0					0	
33	1	Alarm 33	EN_ALARM 33	4	RGB(0,0,0)	1	0					0	

- Alarm Setting

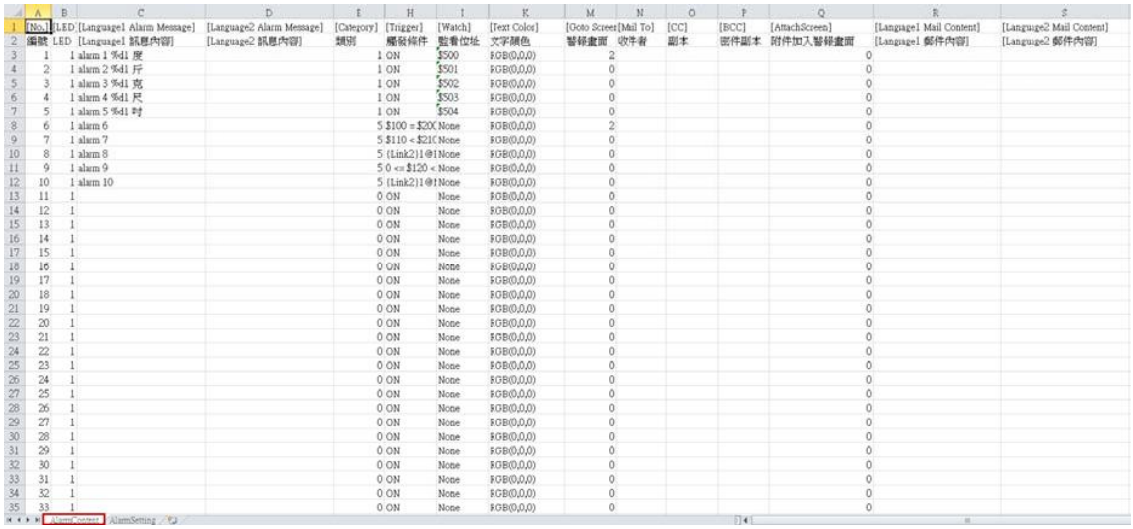


	A	B	C	D
1	[Language]	[Font]	[Size]	Ratio]
2		字型:	大小:	縮放:
3	Chinese	Arial	12	100
4	ENG	MV Boli	22	150
5				
6	Alarm Setting	警報設定		
7	Address	讀取位址	$6666	
8	Scan Time	取樣週期(秒)	0.500000	
9	Max Records	最多可存筆數	9999	
10	Hold	啟用斷電保持	1	
11	Hold Place	斷電保持於	2	
12	CSV	輸出CSV	1	
13	Exit Screen Saver	警報發生時離開螢幕保	1	
14				
15				
16				
17	Alarm Moving Sign	警報走馬燈		
18	Enable	啟動	1	
19	Position	視屏顯示位置	0	
20	Direction	移動方式	1	
21	Moving Points	每次移動點數	3	
22	Interval	間隔時間(毫秒)	1000	
23	BackgroundColor	背景顏色	RGB(255,255,128)	

AlarmContent | AlarmSetting

Below shows the Excel file exported by DOP-W series HMI.

- Alarm Content



	A	B	C	D	E	H	I	K	M	N	O	P	Q	R	S
1	[No.]	LED	[Language1 Alarm Message]	[Language2 Alarm Message]	[Category]	[Trigger]	[Watch]	[Text Color]	[Goto Screen]	[Mail To]	[CC]	[BCC]	[AttachScreen]	[Language1 Mail Content]	[Language2 Mail Content]
2	編號	LED	[Language1 訊息內容]	[Language2 訊息內容]	類別	觸發條件	監看位址	文字顏色	警報畫面	收件者	副本	密件副本	附件加入警報畫面	[Language1 郵件內容]	[Language2 郵件內容]
3	1		1 alarm 1 %d1 度			1 ON	$500	RGB(0,0,0)	2					0	
4	2		1 alarm 2 %d1 斤			1 ON	$501	RGB(0,0,0)	0					0	
5	3		1 alarm 3 %d1 克			1 ON	$502	RGB(0,0,0)	0					0	
6	4		1 alarm 4 %d1 尺			1 ON	$503	RGB(0,0,0)	0					0	
7	5		1 alarm 5 %d1 吋			1 ON	$504	RGB(0,0,0)	0					0	
8	6		1 alarm 6			5 $100 = $20(	None	RGB(0,0,0)	2					0	
9	7		1 alarm 7			5 $110 < $21(	None	RGB(0,0,0)	0					0	
10	8		1 alarm 8			5 {Link2}1@1	None	RGB(0,0,0)	0					0	
11	9		1 alarm 9			5 0 <= $120 <	None	RGB(0,0,0)	0					0	
12	10		1 alarm 10			5 {Link2}1@1	None	RGB(0,0,0)	0					0	
13	11		1			0 ON	None	RGB(0,0,0)	0					0	
14	12		1			0 ON	None	RGB(0,0,0)	0					0	
15	13		1			0 ON	None	RGB(0,0,0)	0					0	
16	14		1			0 ON	None	RGB(0,0,0)	0					0	
17	15		1			0 ON	None	RGB(0,0,0)	0					0	
18	16		1			0 ON	None	RGB(0,0,0)	0					0	
19	17		1			0 ON	None	RGB(0,0,0)	0					0	
20	18		1			0 ON	None	RGB(0,0,0)	0					0	
21	19		1			0 ON	None	RGB(0,0,0)	0					0	
22	20		1			0 ON	None	RGB(0,0,0)	0					0	
23	21		1			0 ON	None	RGB(0,0,0)	0					0	
24	22		1			0 ON	None	RGB(0,0,0)	0					0	
25	23		1			0 ON	None	RGB(0,0,0)	0					0	
26	24		1			0 ON	None	RGB(0,0,0)	0					0	
27	25		1			0 ON	None	RGB(0,0,0)	0					0	
28	26		1			0 ON	None	RGB(0,0,0)	0					0	
29	27		1			0 ON	None	RGB(0,0,0)	0					0	
30	28		1			0 ON	None	RGB(0,0,0)	0					0	
31	29		1			0 ON	None	RGB(0,0,0)	0					0	
32	30		1			0 ON	None	RGB(0,0,0)	0					0	
33	31		1			0 ON	None	RGB(0,0,0)	0					0	
34	32		1			0 ON	None	RGB(0,0,0)	0					0	
35	33		1			0 ON	None	RGB(0,0,0)	0					0	

AlarmContent | AlarmSetting

- Alarm Setting

	A	B	C	D
1	[Language]	[Font]	[Size]	[Ratio]
2		字型:	大小:	縮放:
3	Language1	Arial	12	100
4	Language2	Arial	12	100
5				
6	Alarm Setting	警報設定		
7	Address	讀取位址	$6666	
8	Scan Time	取樣週期(秒)	0.500000	
9	Max Records	最多可存筆數	9999	
10	Hold	啟用斷電保持	1	
11	Hold Place	斷電保持於	0	
12	CSV	輸出CSV	0	
13	Exit Screen Saver	警報發生時離開螢幕保	1	
14	Screen Display Mode	警報畫面顯示	0	
15	Continue Address	警報位址連續	0	
16				
17	Alarm Moving Sign	警報走馬燈		
18	Enable	啟動	0	
19	Position	視屏顯示位置	0	
20	Direction	移動方式	0	
21	Moving Points	每次移動點數	1	
22	Interval	間隔時間(毫秒)	100	
23	BackgroundColor	背景顏色	RGB(252,252,252)	

AlarmContent AlarmSetting

3.4 Button of Sound Setting is now available in DOP-W series HMI

DOP-W127B and DOP-157B series HMIs have built-in function of 1.5 watt audio output. This newly added function allows users to control the external and internal audio output switch respectively. Before that, users have to go to system directory to adjust the volume. Now, with the Sound Setting button, users can directly adjust the volume on the edit screen.