

# Newsletter

#### 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]

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	UA
ing addr Text cold	or A
RGB(0. 0.	0)
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RGB(0, 0.	0)
RGB(0, 0,	0)
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RGB(0, 0,	0)
RGB(0, 0,	0)
RGB(0, 0,	0)
RGB(0, 0.	0)
RGB(0, 0,	0)
RGB(0, 0,	0)
RGB(0, 0,	0)
	~ ,

Number	Name	Descriptions
0	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.
0	Category	This represents the category of alarm number, which is similar to grouping. The supporting range is between 1 and 255.
0	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.



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Number	Name	Descriptions
Ø	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	
Continuous		Uncheck this selection and the Read address will be disabled. According to the alarm type (Bit or Word), each alarm address can be			
	Alarm Address	triggered	individually.		
0	Category	It represents the alarm category, which is similar to alarm group. The supported group range is between 1 and 255.			
6	Туре	The type can be Bit or Word. Bit: Define the Bit address for triggering alarms Word: Define the Word address for triggering alarms			
		The trigge When the When the condition	ering method i e type is Bit, ple e type is Word al statement. Conditional	s determined by its type, Bit or Word. ease enter the Bit address to trigger the d, the alarm can be triggered accordin Descriptions	e alarm. ng to the
0	Address		=	equal to	
			>	greater than	
			<	less than	
			>=	greater than or equal to	
			<=	less than or equal to	



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Number	Name	Descriptions				
			>,<	out of the range		
			<=,<=	within the range		
Ø	Monitoring Address	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 Histor Table will be Alarm10.				
0	Alarm Screen Display	When it screen wi When it s setting th	sets to Autor ill immediately sets to Manua e Action addre	natic: When the alarm is triggered, pop up. II: The display of alarm screen is cor ess to 2.	the alarm	



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.

review	Main Details De	tails-2 Coordinates	
	Action addr.	None	
	Sort addr.	None	
	3 Filter addr.	None	
iate:	Alarm counter addr.	None	
	<ul> <li>Alarm group begin a</li> </ul>	addr. None	
anguage:	Alarm group er d ad	dr. None	6
anguagel	•		

No.	Name	Descriptions
		Action address allows the specified alarm can be displayed and acknowledged.
		Value Descriptions
•	Action address	0 Default status. No action will be done.
v	Action address	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.
		The sort address will arrange and display the item specified by users.
	Sort address	Value Descriptions
		0 Default status. No action will be done.
		1 Arrange the item according to the Trigger Time
0		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



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No.	Name	Descriptions	
		Filter address	allows users to sift the specified items.
		Value	Descriptions
		0	Default status. It displays all triggered alarms.
		1	Hide the alarm with the function of [Recovery Time] and [Confirmation Time].
		2	Hide the alarm with the function of [Recovery Time].
<b>a</b> Filtor or		3	Hide the alarm with the function of [Recovery Time] or [Confirmation Time].
€	Filter address		Hide the alarm with the function of [Confirmation Time].
		5	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.
		6	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.
		It has to work Only when the Alarm count.	with [Filter address]. value of [Filter address] is 5, can the user enter the number of
	Alarm Counter	Example	Behavior
0	address	The Alarm count is 1, 2 or 3.	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.
			the first of the second
0	address	It has to work to Only when the	with [Filter address]. e value of [Filter address] is 5, can the user enter the alarm
		Example	Behavior
0	Alarm group end address	The number of alarm type is 1 and 5	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.



• 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.

Preview	Main Details Detai	Is-2 Coordinate	15
	1 Number	O Unit	t: Column display orler : 🕜
	🕑 🗆 Trigger Time	120	Alarm Message
	- ③ I Alarm Message	250	
State:	Confirmation Time	120 *	
0	Becovery Time	120 *	
Language:	O Alarm Counts	50 +	
Language1	The total width of colu	mn :250 Pixels	
	Number / Time / Count	t font 12	• 3

No.	Name	Descriptions
0	Number	Check this item and the Alarm History Table will display the alarm number.
0	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.
€	Alarm Message	Check this item to display the alarm message in Alarm History Table.
9	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.
0	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.
0	Alarm Counts	Check this item and the Alarm History Table will display alarm triggering times.



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No.	Name	Descriptions
Ø	Column display order	Users can use the Up and Down button to arrange the displaying order.
8	Number / Time / Count font	Users can determine the displayed number, time and font size for alarm count.
Ø	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.

Alarm Setting		Alarm Moving Sign		Data
Address	\$6666	Enable	No 🔻	Delet
Scan Time (second)	0.5	Position	Top •	Modif
Max Records	9999	Direction	Left 🔹	Impor
V Hold	[HMI •	Moving Points	1	Expor
CSV Format	Exit Screen Saver when alarm is triggered	Interval(ms)	100 🔻	
Alarm screen display	Automatic 👻	Background Color	· ·	OK

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

Numbe	🛛 LED	Message Content	Category	Туре	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 时	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:

Preview	Main	Details	Details-2	Coordina	ates		
	Style				Detail		
na pani Magana Kagana Mi	Backg	round Color:		<b>] ▼</b>	Status Display	hh:mm:ss	•
	draw	vert. <mark>line:</mark>	Yes	•	Olor	mm/dd/yy	• •
State:	draw 1	nori. line:	Yes	•			
0	- Grid I	ine Color:		•			

• See the setting of Details page below:

arm History Table	termine and		
Preview	Main Details Details-2	Coordinates	
100 - Marchine Presidents Marchines	Action addr.	<u>\$1</u>	
	Sort addr.	\$2	•••
	Filter addr.	\$3	
State:	Alarm counter addr.	\$4	
0 ,	Alarm group begin addr.	\$5	
Language:	Alarm group end addr.	\$6	•••
Language1			



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rm History Table				L
Preview	Main Details Detai	ils-2 Coordinates		
110 - Distriction Transford Transford	Number	70 🔹	Column display order :	
	🗹 Trigger Time	200	Number Alarm Message Alarm Counts	
	🗹 Alarm Message	130	Trigger Time Confirmation Time Recovery Time	
ate:	Confirmation Time	200		
,	Recovery Time	200		
inguage:	Alarm Counts	100		
anguagel	The total width of colu	mn :900 Pixels		
	Number LTime L Count	t font 12	•	195

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

Bit Control	Word Control	Global Alaram Trigger setting
W:\$50.0 W:\$50.1 W:\$50.2 W:\$50.3 W:\$50.4 alarm 1 alarm 2 alarm 3 alarm 4 alarm 5	$\frac{W:$100}{###} = \frac{W:$200}{###}$ Condiction 1	
	$\frac{\text{W:$110}}{\#\#} \# \# = \left[ < \frac{\text{W:$210}}{\#\#} \# \# \right] \qquad \text{Condiction 2}$	
	$\underbrace{\mathbb{W}: \{\operatorname{Link2}: 1 @ D200 \ }_{\# \# \# \# \# \# \# \# \# \# \# \# \# \# \# \# \# \# \# $	Condiction 3
	$0 <= \frac{W.5120}{4} # = 10$ Condiction 4	
	$\frac{\text{W:[Link2]1@M16}}{\# \# \# \#} > \pm 100  \text{Condiction 5}$	
Monitor Addr <sup>W:5500</sup> ###	W:\$502 ### W:\$503 ###	
Action       W:\$1/2 # # #       Sorting       W:\$2/2 # # #       Filth         Addr       ######       Sorting       W:\$2/2 # # #       Filth	er W:\$3 dr #*### Alarm Group W:\$5 Addr #*### Alarm Start #*### Addr ardr	Alarm Group W:\$6 End #### Addr



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.



Numbe	🛛 LED	Message Content	Category	Туре	Address	Triggering conditions	Monitoring address	Alarm screer
1		alarm 1 %d1 度	1	Bil	\$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 时	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.





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.

	Trigger Time	Acknowledge Time	Recovery Time	
	57 01/14/2016 57 01/14/2016 57 01/14/2016 57 01/14/2016 57 01/14/2016 57 01/14/2016			
Warning				Alarm Setting
			⊽ [4	
Bit Control alarm 1 alarm 2 alarm 3 alarm 4 alarm 5	5 =	5 Condiction 1		
	66 <	100 Condiction 2		
	888	<= 999 <=	1111 Condiction 3	3
	0 <= 8	<pre>&lt;= 10 Condiction 4 = 100 Condiction 5</pre>		
Monitor Addr 30 10	250	800 3		
Action Addr 0 Sorting Addr 0	Filter 0 Cc	arm Alarm ount <b>0</b> Start ddr Addr	Alarm Group End Addr	

• 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	1	Δ
0007	alarm 7	1	13:19:03 01/14/2016		
8000	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 01/14/2010
0002	alarm 2 10 斤	1	13:22:26 01/14/2016		13:22:32 01/14/2016
0003	alarm 3 250 克	1	13:22:27 01/14/2016		13:22:32 01/14/2010
0004	alarm 4 800 尺	1	13:22:27 01/14/2016		13:22:32 01/14/2010
0005	alarm 5 3 时	1	13:22:27 01/14/2016		13:22:33 01/14/2010
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 时	2	13:22:50 01/14/2016		
alarm 6					7
4					

#### 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		
8000	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 01/14/2016
0002	alarm 2 10 斤	1	13:22:26 01/14/2016		13:22:32 01/14/2010
0003	alarm 3 250 克	1	13:22:27 01/14/2016		13:22:32 01/14/2010
0004	alarm 4 800 尺	1	13:22:27 01/14/2016		13:22:32 01/14/2010
0005	alarm 5 3 时	1	13:22:27 01/14/2016		13:22:33 01/14/2010
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 时	2	13:22:50 01/14/2016		
alarm 1	5				▼
4					
alarm 1	alarm 2 alarm 3	alarm 4 alarm 5	5 =	5 Condiction 1 100 Condiction 2	
After A actions 1) The immed 2) Ackr numbe	ction address set s: Action address w iately. nowledge Time of r will display imm	to 1 will get tw ill clear to 0 Seleted alarm ediately.	0     888     <=	999  <= 10 Condiction 4 100 Condiction 5	1111 Condiction 3
Monito Action Addr	Addr 40	20 • 0	Filter 0 Alar	700 5 Alarm Group Start Addr	Alarm Group End Addr



- 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 <u>Acknowledge Time</u> 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 <u>Alarm Screen</u> 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.]





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- 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].

	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 01/14/201
	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 01/14/2010
	0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2010
Before	0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/201
	0004	alarm 4 800 R	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2016
	0005	alarm 5 3 kg	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016
	0001	alarm 1 4U 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2016
	0002	alarm 2 ZU 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	13:30:39 01/14/2010
	0004	alarm 4 700 R	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2016
	0005	alarm 5 ) ज	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:30:40 01/14/2010
	alarm 5	5 5				
	4					
			1 <u>1</u>	<b>T</b> : <b>T</b>	A algo avula data. Tupa a	Deservery Trees
	No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery time
	No.	Message	Frequency	13:19:03 01/14/2016	13:38:09 01/14/2016	
	No. 0008 0009	Message alarm 8 alarm 9	Frequency	13:19:03 01/14/2016 13:19:03 01/14/2016	13:38:09 01/14/2016 13:38:12 01/14/2016	
	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	Frequency	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	Frequency 1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	Frequency 1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	Frequency 1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
Aftor	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 8 alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016	
After	No. 0008 0009 0010	Message alarm 9 alarm 10	1 1 1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time	



 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].

	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 01/14/201
	0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2010
	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 01/14/2010
	0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2016
Before	0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2010
	0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2010
	0005	alarm 5 3 时	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2010
	0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2010
	0002	alarm 2 20 /ਜਿ	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2010
	0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2010
	0004	alarm 4 /00 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2010
	0005	alarm 5 5 M	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2010
	alarm 5	5 19				
	4					
	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	Δ
	0008 0009	alarm 8 alarm 9	1	13:19:03 01/14/2016 13:19:03 01/14/2016	13:38:09 01/14/2016 13:38:12 01/14/2016	Δ
	0008 0009	alarm 8 alarm 9	1	13:19:03 01/14/2016 13:19:03 01/14/2016 13:10:03 01/14/2016	13:38:09 01/14/2016 13:38:12 01/14/2016	Δ



 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].

	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 01/14/2014
	0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2010
	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 01/14/2010
	0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2010
Before	0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2010
Dororo	0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2010
	0005	alarm 5 3 时	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2010
	0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2010
	0002	alarm 2 20 斤	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2010
	0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2010
	0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2010
	0005	alarm 5 5 时	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016
	alarm 5	5 吋				▽
	⊲					
	No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time
						<u> </u>



 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].

	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 01/14/2014				
	0008	alarm 8	1	13:19:03 01/14/2016	13:38:09 01/14/2016					
Before	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 01/14/2010				
Deloie	0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2010				
	0005	alarm 5.3 াষt	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2016				
	0001	alarm 1 40 👳	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2010				
	0002	alarm 2 20 fr	2	13:22:49.01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2010				
	0003	alarm 3 300 支	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2014				
	0004	alarm 4 700 분	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40.01/14/2014				
	0005	alarm 5.5 ⊫t	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2010				
	alarm 5 5 时									
	⊲									
	No.	Message	Frequency	Trigger Time	Acknowledge Time	Recovery Time				
Aftor						Δ				

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

		Filte Ado	r Ir <b>5</b>	Alarm Count Addr	1	
	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 01/14/201
	0007	alarm 7	1	13:19:03 01/14/2016	13:38:04 01/14/2016	13:36:52 01/14/2010
	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 01/14/2010
	0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2010
Betore	0003	alarm 3 25U 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2010
	0004	alarm 53 ttt	1	13:22:27 01/14/2010	13:38:27 01/14/2016	13:22:32 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 fr	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 01/14/2010
	0004	alarm 4 700 尺	2	13:22:50 01/14/2016	13:38:42 01/14/2016	13:36:40 01/14/2010
	0005	alarm 5 5 时	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2016
	alarm	55吋				▽
	⊲					
	Since	the example	helow has	s no alarm that fre	quency is less that	1 all alarms will be
	Since display	the example yed.	below has	s no alarm that free	quency is less than	1, all alarms will be
	Since display №.	the example yed. Message	below has Frequency	s no alarm that frea Trigger Time	quency is less that Acknowledge Time	1, all alarms will be Recovery Time
	Since display No.	the example yed. Message	below has	5 no alarm that free Trigger Time 13:19:03 01/14/2016	quency is less than Acknowledge Time	n 1, all alarms will be Recovery Time
	Since display №.	the example yed. Message alarm 6 alarm 7	below has	Trigger Time	quency is less than Acknowledge Time	Recovery Time
	Since display No. 0006 0007 0008	the example yed. Message alarm 6 alarm 7 alarm 8	Frequency	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time	Recovery Time
Aftor	Since display No. 0006 0007 0008 0009	the example yed. Message alarm 6 alarm 7 alarm 9 alarm 9 alarm 9	below has Frequency	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time	Recovery Time
After	Since display No. 0006 0007 0008 0009 0010	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 10	below has Frequency	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016	Acknowledge Time	Recovery Time
After	Since display No. 0006 0007 0008 0009 0010 0001 0001	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 10 g alarm 210 g	below has Frequency	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016	Acknowledge Time 13:38:01 01/14/2016 13:38:04 01/14/2016 13:38:09 01/14/2016 13:38:12 01/14/2016 13:25:25 01/14/2016 13:38:14 01/14/2016 13:38:14 01/14/2016	1, all alarms will be         Recovery Time         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:31 01/14/2014
After	Since display No. 0006 0007 0008 0009 0010 0001 0001 0002 0003	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 130 度 alarm 210 斤 alarm 220 左	below has Frequency	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:26 01/14/2016 13:22:27 01/14/2016	Acknowledge Time 13:38:01 01/14/2016 13:38:04 01/14/2016 13:38:12 01/14/2016 13:38:12 01/14/2016 13:38:12 01/14/2016 13:38:14 01/14/2016 13:38:17 01/14/2016 13:38:12 101/14/2016	All alarms will be         Recovery Time         13:36:42 01/14/2014         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 130 度 alarm 210 斤 alarm 3 250 克 alarm 4 800 炭	below has Frequency 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016	Acknowledge Time           13:38:01         01/14/2016           13:38:04         01/14/2016           13:38:09         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:14         01/14/2016           13:38:17         01/14/2016           13:38:17         01/14/2016           13:38:24         01/14/2016	All alarms will be         Recovery Time         13:36:42 01/14/201{▲         13:36:52 01/14/201{▲         13:22:31 01/14/201{▲         13:22:32 01/14/201{↓         13:22:32 01/14/201{↓         13:22:32 01/14/201{↓         13:22:32 01/14/201{↓
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004 0005	the example yed. Message alarm 6 alarm 7 alarm 9 alarm 10 alarm 130 度 alarm 3 250 克 alarm 4 800 尺 alarm 4 800 尺 alarm 5 3 时	below has Frequency 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016	Acknowledge Time           13:38:01         01/14/2016           13:38:09         01/14/2016           13:38:09         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:14         01/14/2016           13:38:17         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:21         01/14/2016           13:38:21         01/14/2016           13:38:21         01/14/2016	All alarms will be         Recovery Time         13:36:42 01/14/2014         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004 0005 0001	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 130度 alarm 210斤 alarm 3250克 alarm 4800尺 alarm 53 时 alarm 140 度	below has Frequency 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:29:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016	Acknowledge Time           13:38:01         01/14/2016           13:38:09         01/14/2016           13:38:09         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:14         01/14/2016           13:38:17         01/14/2016           13:38:21         01/14/2016           13:38:27         01/14/2016           13:38:27         01/14/2016           13:38:30         01/14/2016	1, all alarms will be         Recovery Time         13:36:42 01/14/2014         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:33 01/14/2014         13:36:39 01/14/2014
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004 0005 0001 0002	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 130度 alarm 210斤 alarm 220克 alarm 4800尺 alarm 4300尺 alarm 140度 alarm 140度 alarm 120斤	below has Frequency 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:247 01/14/2016 13:22:49 01/14/2016	Acknowledge Time 13:38:01 01/14/2016 13:38:04 01/14/2016 13:38:04 01/14/2016 13:38:12 01/14/2016 13:38:12 01/14/2016 13:38:11 01/14/2016 13:38:21 01/14/2016 13:38:27 01/14/2016 13:38:30 01/14/2016 13:38:34 01/14/2016	1, all alarms will be         Recovery Time         13:36:42 01/14/2014         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:33 01/14/2014         13:22:33 01/14/2014         13:22:33 01/14/2014         13:36:39 01/14/2014
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004 0005 0001 0002 0003	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 130度 alarm 210斤 alarm 210斤 alarm 3250克 alarm 4800尺 alarm 53时 alarm 20斤 alarm 20斤 alarm 20斤 alarm 3300克	below has Frequency 1 1 1 1 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:49 01/14/2016	Acknowledge Time           13:38:01         01/14/2016           13:38:04         01/14/2016           13:38:04         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:14         01/14/2016           13:38:12         01/14/2016           13:38:14         01/14/2016           13:38:21         01/14/2016           13:38:27         01/14/2016           13:38:30         01/14/2016           13:38:30         01/14/2016           13:38:34         01/14/2016	All alarms will be         Recovery Time         13:36:42 01/14/2014▲         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:33 01/14/2014         13:22:33 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004 0005 0001 0002 0003 0004	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 1 30 度 alarm 2 10 斤 alarm 3 250 克 alarm 4 800 尺 alarm 5 3 时 alarm 1 40 度 alarm 2 20 斤 alarm 3 300 克 alarm 3 300 克	below has Frequency 1 1 1 1 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:47 01/14/2016 13:22:49 01/14/2016 13:22:49 01/14/2016 13:22:50 01/14/2016	Acknowledge Time           13:38:01         01/14/2016           13:38:04         01/14/2016           13:38:04         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:14         01/14/2016           13:38:24         01/14/2016           13:38:27         01/14/2016           13:38:30         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016	All alarms will be         Recovery Time         13:36:42 01/14/2014         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:33 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004 0005 0001 0002 0003 0004 0005	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 130度 alarm 210斤 alarm 3250克 alarm 4800尺 alarm 53吋 alarm 220斤 alarm 3300克 alarm 3700 克 alarm 3700 克	below has Frequency 1 1 1 1 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:49 01/14/2016 13:22:49 01/14/2016 13:22:49 01/14/2016 13:22:50 01/14/2016 13:22:50 01/14/2016	Acknowledge Time           13:38:01         01/14/2016           13:38:04         01/14/2016           13:38:09         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:14         01/14/2016           13:38:14         01/14/2016           13:38:24         01/14/2016           13:38:30         01/14/2016           13:38:34         01/14/2016           13:38:34         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016	All alarms will be         Recovery Time         13:36:42 01/14/201{▲         13:36:52 01/14/201{▲         13:22:31 01/14/201{▲         13:22:32 01/14/201{▲         13:22:32 01/14/201{▲         13:22:32 01/14/201{■         13:22:32 01/14/201{■         13:22:33 01/14/201{■         13:36:39 01/14/201{■         13:36:39 01/14/201{■         13:36:39 01/14/201{■         13:36:40 01/14/201{■         13:36:40 01/14/201{■
After	Since display No. 0006 0007 0008 0009 0010 0001 0002 0003 0004 0005 0001 0002 0003 0004 0005 0001 0002 0003 0004 0005 0004 0005 0004	the example yed. Message alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 130 度 alarm 210 斤 alarm 3 250 克 alarm 4 800 尺 alarm 5 3 택 alarm 2 20 斤 alarm 3 300 克 alarm 3 700 尺 alarm 5 5 택	below has Frequency 1 1 1 1 1 1 1 1 1 1 1 1 1	Trigger Time 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:19:03 01/14/2016 13:22:24 01/14/2016 13:22:27 01/14/2016 13:22:27 01/14/2016 13:22:49 01/14/2016 13:22:49 01/14/2016 13:22:49 01/14/2016 13:22:50 01/14/2016 13:22:50 01/14/2016	Acknowledge Time           13:38:01         01/14/2016           13:38:04         01/14/2016           13:38:09         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:12         01/14/2016           13:38:17         01/14/2016           13:38:17         01/14/2016           13:38:27         01/14/2016           13:38:27         01/14/2016           13:38:30         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016           13:38:40         01/14/2016	Recovery Time 13:36:42 01/14/201(▲ 13:36:52 01/14/201( 13:22:32 01/14/201( 13:22:32 01/14/201( 13:22:32 01/14/201( 13:22:32 01/14/201( 13:36:39 01/14/201( 13:36:39 01/14/201( 13:36:40 01/1



		Filte Ado	er <b>5</b>	Alarm Count Addr	2	
	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 01/14/201
	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 01/14/2010
	0002	alarm 2 10 斤	1	13:22:26 01/14/2016	13:38:17 01/14/2016	13:22:32 01/14/2010
Before	0003	alarm 3 250 克	1	13:22:27 01/14/2016	13:38:21 01/14/2016	13:22:32 01/14/2010
	0004	alarm 4 800 尺	1	13:22:27 01/14/2016	13:38:24 01/14/2016	13:22:32 01/14/2010
	0005	alarm 5 3 时	1	13:22:27 01/14/2016	13:38:27 01/14/2016	13:22:33 01/14/2010
	0001	alarm 1 40 度	2	13:22:47 01/14/2016	13:38:30 01/14/2016	13:36:39 01/14/2010
	0002	alarm 2 20 F	2	13:22:49 01/14/2016	13:38:34 01/14/2016	13:36:39 01/14/2010
	0003	alarm 3 300 克	2	13:22:49 01/14/2016	13:38:40 01/14/2016	13:36:39 01/14/2010
	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 ) ण	2	13:22:50 01/14/2016	13:38:49 01/14/2016	13:36:40 01/14/2010
	alarm 5	5 吋				
	alarm 5	5 时 				
After	alarm 5 ⊲ The A No. 0001 0002 0003 0004 0005	5 时 larm History Message alarm 1 40 度 alarm 2 20 斤 alarm 2 20 斤 alarm 3 300 克 alarm 4 700 尺 alarm 5 5 时	Table will Frequency 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	hide the alarms wh Trigger Time 13:22:47 01/14/2016 13:22:49 01/14/2016 13:22:49 01/14/2016 13:22:50 01/14/2016 13:22:50 01/14/2016	hich frequency are l Acknowledge Time 13:38:30 01/14/2016 13:38:40 01/14/2016 13:38:42 01/14/2016 13:38:42 01/14/2016 13:38:49 01/14/2016	▼ ess than 2. Recovery Time 13:36:39 01/14/201( 13:36:39 01/14/201( 13:36:40 01/14/201( 13:36:40 01/14/201( 13:36:40 01/14/201(



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

	Filte Ad	er dr <b>6</b>	Ala Gro Sta Ad	rm up art dr	1	Alarm Group End Addr	3	
	No.	Message	Frequency	Tr	igger Time	Acknowle	dge Time	Recovery Time
Before	0006 0007 0008 0009 0010 0002 0003 0004 0005 0001 0002 0003 0004 0005 alarm 5	alarm 6 alarm 7 alarm 8 alarm 9 alarm 10 alarm 1 30 度 alarm 2 10 斤 alarm 3 250 克 alarm 4 800 尺 alarm 5 3 더 alarm 5 3 더 alarm 3 300 克 alarm 4 700 尺 alarm 5 5 더 5 더	1         1         1         1         1         1         1         1         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2	13:19: 13:19: 13:19: 13:19: 13:19: 13:22: 13:22: 13:22: 13:22: 13:22: 13:22: 13:22: 13:22: 13:22: 13:22: 13:22:	03 01/14/2016 03 01/14/2016 03 01/14/2016 03 01/14/2016 03 01/14/2016 24 01/14/2016 27 01/14/2016 27 01/14/2016 27 01/14/2016 47 01/14/2016 49 01/14/2016 50 01/14/2016 50 01/14/2016	13:38:01 13:38:04 13:38:09 13:38:12 13:25:25 13:38:14 13:38:17 13:38:21 13:38:21 13:38:27 13:38:24 13:38:30 13:38:34 13:38:49	01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016 01/14/2016	13:36:42 01/14/2014         13:36:52 01/14/2014         13:22:31 01/14/2014         13:22:32 01/14/2014         13:22:32 01/14/2014         13:22:33 01/14/2014         13:36:39 01/14/2014         13:36:39 01/14/2014         13:36:40 01/14/2014         13:36:40 01/14/2014         13:36:40 01/14/2014
	If the a	larm numbe	r is not wit	hin th	e setting ran	nge of [Ala	arm aroup	begin address] and
	[Alarm	group end a	address], ti	he ala	arm will not b	e display	ed.	
			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	
After			10		alarm 10		D	
	No.	Message	Frequency	Tr	igger Time	Acknowle	edge Time	Recovery Time
	0001	alarm 1 30 度	1	13:22:	24 01/14/2016	13:38:14	01/14/2016	13:22:31 01/14/201
	0002	alarm 3 250 克	1	13:22:	27 01/14/2016	13:38:21	01/14/2016	13:22:32 01/14/2010
	0004	alarm 4 800 尺	1	13:22:	27 01/14/2016	13:38:24	01/14/2016	13:22:32 01/14/2016
	0001	alarm 1 40 度	2	13:22:	47 01/14/2016	13:38:30	01/14/2016	13:36:39 01/14/2010
	0002	alarm 2 20 斤	2	13:22:	49 01/14/2016	13:38:34	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 ₱ <del>1</del>	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.





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".

Excel File(*.xls)	•
Excel File(* xls)	
Excel File(*.xlsx)	

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

Excel File(*.xls;*.xlsx)	-
Excel File (*.xls;*.xlsx) Alarm Describe File (*.alm) INI File (*.ini)	

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

Alarm Content

AB	C D	1	K	L	M	24	0	- P	Q	R	S
[No.] [LED] [Chinese Alam	n Message] [ENG Alarm Message]	[Group]	[Text Color]	[Property]	[Goto Scree	[Mail To]	[CC]	[BCC]	[AttachScreen]	[Chinese Mail Content]	[ENG Mail Content]
编號 LED [Chinese 訊息	內容] [ENG 訊息內容]	着料組	文字颜色	警報屬性	警報畫面	收件者	副本	密件副本	附件加入警察畫面	[Chinese 郵件內容]	[ENG 郵件內容]
1 1 Alarm 1	EN_ALARM I		1 RGB(0,0,255)		0 (	)				0	
2 1 Alarm 2	EN_ALARM 2		1 RGB(0,0,0)		1 (	)				0	
3 1 Alarm 3	EN_ALARM 3		1 RGB(0,0,0)		1 (	)				0	
4 1 Alarm 4	EN_ALARM 4		1 RGB(0,0,0)		1 (	)				0	
5 1 Alarm 5	EN_ALARM 5		2 ROB(0,0,0)		1 (	)				0	
6 1 Alarm 6	EN_ALARM 6		2 RGB(0,0,0)		1 (	)				0	
7 1 Alarm 7	EN_ALARM 7		2 RGB(0,0,0)		1 (	)				0	
8 1 Alarm 8	EN_ALARM 8		2 RGB(0,0,0)		1 (	)				0	
9 1 Alarm 9	EN_ALARM 9		2 ROB(0,0,0)		1 (	)				0	
10 1 Alarm 10	EN_ALARM 10		2 RGB(0,0,0)		1 (					0	
11 1 Alarm 11	EN_ALARM 11		2 RGB(0,0,0)		1 (	)				0	
12 1 Alarm 12	EN_ALARM 12		2 RGB(0,0,0)		1 (	)				0	
13 1 Alarm 13	EN_ALARM 13		2 RGB(0,0,0)		1 (	)				0	
14 1 Alarm 14	EN_ALARM 14		2 RGB(0,0,0)		1 (	)				0	
15 1 Alarm 15	EN_ALARM 15		2 RGB(0,0,0)		1 (	)				0	
16 1 Alam 16	EN_ALARM 10		2 ROB(0,0,0)		1 (	>				0	
17 1 Alarm 17	EN_ALARM 17		2 RGB(0,0,0)		1 (	)				0	
18 1 Alarm 18	EN_ALARM 18		2 RGB(0,0,0)		1 (	)				0	
19 1 Alarm 19	EN_ALARM 19		2 RGB(0,0,0)		1 (	)				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	
22 1 Alarm 22	EN_ALARM 22		3 RGB(0,0,0)		1 (	)				0	
23 1 Alarm 23	EN_ALARM 23		3 RGB(0,0,0)		1 (	)				0	
24 1 Alarm 24	EN_ALARM 24		3 RGB(0,0,0)		1 (	)				0	
25 1 Alarm 25	EN_ALARM 25		3 RGB(0,0,0)		1 (	)				0	
26 1 Alarm 26	EN_ALARM 26		3 RGB(0,0,0)		1 (	)				0	
27 1 Alarm 27	EN_ALARM 27		3 RGB(0,0,0)		1 (	)				0	
28 I Alarm 28	EN_ALARM 28		3 RGB(0,0,0)		1 (	)				0	
29 1 Alarm 29	EN_ALARM 29		3 RGB(0,0,0)		1 (	)				0	
30 1 Alarm 30	EN_ALARM 30		3 RGB(0,0,0)		1 (	)				0	
31 1 Alarm 31	EN_ALARM 31		4 RGB(0,0,0)		1 (	)				0	
32 1 Alarm 32	EN_ALARM 32		4 RGB(0,0,0)		1 (	)				0	
33 1 Alarm 33	EN_ALARM 33		4 RGB(0,0,0)		1 (	)				0	
America Internet Alarma	thing 183								514		



#### Alarm Setting

1.1	A	B	C	D
1	[Language]	[Font]	[Size]	[Ratio]
2		字型:	大小:	缩放:
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係	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	背景颜色	RGB(255,255,128	)
14 4	<ul> <li>M AlarmContent Al</li> </ul>	amSetting 2		

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

Alarm Content

- 4	A	BC	D	1	Ħ	t	K	М	N	0	P	Q	R	\$
1	No.1	LED [Language1 Alarm Message]	[Language2 Alarm Message]	[Category]	[Trigger]	[Watch]	[Text Color]	[Goto Scree	[Mail To]	[CC]	[BCC]	[AttachScreen]	[Langiage1 Mail Content]	[Language2 Mail Content]
2	新航 1	.ED [Language1 訊題內卻]	[Language2 訊息內卻]	類別	屬發條件	監看位址	文字颜色	醫經畫面	收件者	副本	密件副本	附件加入醫経畫面	[Langrage1 郵件內容]	[Language2 郵件內容]
3	1	1 alarm 1 %d1 度		1	ON	\$500	FCB(0,0,0)	1	2				0	
4	2	1 alarm 2 %d1 斤		1	ON	\$501	FGB(0,0,0)	0	)				0	
5	3	1 alarm 3 %d1 克		1	ON	\$502	FGB(0,0,0)	(	)				0	
6	- 4	1 alarm 4 %d1 尺		1	ON	\$503	\$GB(0,0,0)	(	)				0	
7	5	1 alarm 5 %d1 #f		1	ON	\$504	FGB(0,0,0)	(	)				0	
8	6	1 alarm 6		1	5 \$100 = \$20	(None	FGB(0,0,0)	1	2				0	
9	7	1 alarm 7			\$110 < \$21	None	FGB(0,0,0)	(	)				0	
10	8	1 alarm 8		6	5 (Link2)1@	INone	FGB(0,0,0)	0	)				0	
11	9	1 alarm 9			5 0 <= \$120 ·	None	\$GB(0,0,0)	(	)				0	
12	10	1 alarm 10			5 (Link2)1@	tNone	FGB(0,0,0)	(	)				0	
13	11	1		(	ÓN	None	\$GB(0,0,0)	0	).				0	
14	12	1		(	ON ON	None	\$GB(0,0,0)	(	)				0	
15	13	1		(	ON .	None	FGB(0,0,0)	0	)				0	
16	14	1		(	ON	None	FGB(0,0,0)	(	)				0	
17	15	1		(	ON	None	FGB(0,0,0)	(	)				0	
18	16	1		(	ON ON	None	FGB(0,0,0)	0	)				0	
19	17	1		(	ON	None	FGB(0,0,0)	0	)				0	
20	18	1		(	ON ON	None	FOB(0,0,0)	(	)				0	
21	19	1		(	ON	None	FGB(0,0,0)	0	)				0	
22	20	1		(	ON .	None	FGB(0,0,0)	(	)				0	
23	21	1		(	ON (	None	FGB(0,0,0)	0	)				0	
24	22	1		(	ON (	None	FGB(0,0,0)	0	)				0	
25	23	1		(	ON (	None	FGB(0,0,0)		)				0	
26	24	1		(	ON (	None	FGB(0,0,0)	(	)				0	
27	25	1		(	ON (	None	FGB(0,0,0)	(	)				0	
28	26	1		(	ON ON	None	FGB(0,0,0)	0	)				0	
29	27	1		0	ON ON	None	FGB(0,0,0)	(	)				0	
30	28	1		(	ON ON	None	\$GB(0,0,0)	(	)				0	
31	29	1		(	ON	None	FGB(0,0,0)	(	)[				0	
32	30	1		(	ON ON	None	FGB(0,0,0)	(	)				0	
33	31	1		(	ON	None	FGB(0,0,0)	(	)				0	
34	32	1		(	ON	None	FGB(0,0,0)	(	)				0	
35	33	1		(	ON	None	FGB(0,0,0)	(	)				0	
14.4.3	H A	JamiContext AlamSetting									041			



#### Alarm Setting

#### D R C [Size] [Ratio] 1 [Language] [Font] 2 大小: 字型: 縮放: 3 12 100 Languagel Arial 4 12 100 Language2 Arial 5 6 Alarm Setting 警報設定 7 \$6666 Address 讀取位址 0.500000 8 Scan Time 取樣週期(秒) 9 Max Records 9999 最多可存筆數 10 Hold 啟用斷電保持 1 11 Hold Place 斷電保持於 0 12 CSV 輸出CSV 0 警報發生時離開螢幕係 13 Exit Screen Saver 1 0 14 Screen Display Mode 警報畫面顯示 15 Continue Address 警報位址連續 0 16 17 Alarm Moving Sign 警報走馬燈 0 18 Enable 啟動 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 1 100 22 Interval 間隔時間(毫秒) 23 BackgroundColor 背景顏色 RGB(252,252,252) H + + H AlarmContent AlamSetting 2

Newsletter

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.