UniOP Screen Saver Control Via Mailbox

This Technical Note describes the use of the mailbox commands added to improve the control of the screen saver facility.
It is now possible to activate/deactivate the screen saver from the controller and an additional operational option has been added to reactivate automatically the screen whenever an alarm has to be displayed.
The mailbox commands for screen saver control are available in UniOP firmware version 4.22 or higher.

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1. Screen Saver Commands

The Mailbox commands for screen saver control are listed in Table 1-1. The controller must write the command code in the Command/Response Word register.

Command	Description
145	Start screen saver
146	Stop screen saver
147	Enable screen saver in Alarm Mode
148	Disable screen saver in Alarm Mode

Table 1-1

1.1 Start Screen Saver

The controller can use this command to activate immediately the screen saver function.

Command code: 145

No parameters are required by this command. The panel will respond with a code in the Command/Response Word. The possible codes are listed in Table 1-2.

Code	Description
0	OK
1	Error: screen saver not enabled in the project

Table 1-2

1.2 Stop Screen Saver

The controller can use this command to deactivate immediately the screen saver function.

Command code: 146

No parameters are required by this command. The panel will respond with a code in the Command/Response Word. The possible codes are listed in Table 1-3.

Code	Description
0	OK
1	Error: screen saver not enabled in the project

Table 1-3

1.3 Enable Screen Saver Function in Alarm Mode

The controller can use this command to enable the default behaviour of the screen saver in Alarm Mode. If UniOP is in Alarm Mode and the time for screen saver activation has elapsed, the screen saver function will start. Simply touch a key to stop screen saver activity. This command code can be used following command 148 to go back to the default setting.

Command code: 147

No parameters are required by this command. The panel will respond with a code in the Command/Response Word. The possible codes are listed in Table 1-4.

Code	Description
0	OK

Table 1-4

1.4 Disable Screen Saver Function in Alarm Mode

The controller can use this command to disable the screen saver function when UniOP is in Alarm Mode. If UniOP has the screen saver activated because of the elapsed programmed time and an alarm comes, UniOP will turn off the screen saver and display the alarm page. Alarm page will be displayed until at least one alarm condition is active. Use command code 147 to go back to the default behaviour.

Command code: 148

No parameters are required by this command. The panel will respond with a code in the Command/Response Word. The possible codes are listed in Table 1-5.

Code	Description
0	OK

Table 1-5