



SmartLook

Centralizing-management
software application for INIM fire
detection and intrusion control
systems

INSTALLATION AND
CONFIGURATION
MANUAL



SMARTLOOK

inim®

End-User Licence Agreement (EULA)

This is a legally binding agreement between the authors of this software (INIM Electronics s.r.l.) and You (You means the licensee or anyone engaged by You or otherwise pertaining to You).

By installing, copying or otherwise using this software, You acknowledge that You have read, understand and agree to be bound by the terms of this agreement (EULA). If You do not agree with any of the terms or conditions of this agreement (EULA), You are not authorised to install or use this software for any purpose whatsoever.

All versions of this software are protected throughout the world by copyright and other intellectual property rights. All rights are property of INIM Electronics s.r.l.. You may not duplicate, sell, distribute or use this software save as provided under this End-User Licence Agreement, unless You obtain written consent from INIM Electronics s.r.l.. Any parties interested in using this software for non-personal purposes must contact INIM Electronics s.r.l..

Rights

This license grants the following rights: installation and use. It is allowed to install and use an unlimited number of copies of this product.

Reproduction and distribution

This End-User Licence Agreement hereby grants to You the right to reproduce and distribute an unlimited number of copies of this product; each copy must be in whole and accompanied by a copy of this agreement (EULA).

You may not embed this software in another software application or freeware, shareware or commercial product without first obtaining explicit consent from INIM Electronics s.r.l..

Other rights and restrictions

You are not permitted to reverse engineer, disassemble, decompile or modify this product or any portion thereof.

Separation of components

This software is Licensed as a single product; You are not permitted to separate and use any portion of it on more than one single workstation.

Transfer of the Software

You are permitted to transfer this product and Your rights under this End-User Licence Agreement on a permanent basis to another person or entity.

Licence Term

Our rights under this agreement (EULA) will terminate immediately if You fail to comply with any of the terms and conditions contained within. If this occurs, You must destroy the Software, and all copies of all and any part of it.

By using this software, You agree to be bound by the terms of this End-User Licence Agreement.

Copyright

With the exception of any explicit annotations, all rights and the copyright pertaining to the software in its entirety and its parts (including figures, photographs, animation, video, audio, music, text and code) and accompanying documentation are the exclusive property of INIM Electronics s.r.l..

This software is protected by International Copyright Laws and Agreements and must be considered in the same way as all other material which is subject to copyright laws.

Disclaimer of Warranties

INIM Electronics s.r.l. make no warranties of any kind, either statutory or otherwise in relation to this product. The software and all associated material is released without any undertakings of any kind, express or implied. You use this product at your own risk.

Limited Warranty

In no event shall the authors of this software be liable to You or to those claiming for You for any damage of any kind, whether direct or in direct (including but not limited to, damage or loss of any kind, loss of profits, business interruptions, loss or corruption of data) arising out of or in connection with the use of, or the impossibility to use, this product.

Contact www.inim.it for further details.

Table of contents

	End-User Licence Agreement (EULA)	2
	Copyright.	2
	Disclaimer of Warranties	2
	Limited Warranty	2
	Table of contents	3
	About this manual.	5
0-1	Terminology	5
0-2	Graphic conventions.	5
Chapter 1	General information	6
1-1	Manufacturer's details	6
1-2	Description of the software	6
1-3	Software requirements	7
1-4	User levels	8
1-5	Manuals	8
Chapter 2	Licence activation	9
Chapter 3	Basic Configurations	10
3-1	Installation	10
3-2	Accessing the program	10
3-3	Network configuration	10
3-4	Map management	11
Chapter 4	Advanced settings.	13
4-1	Status management.	13
4-2	Image management.	14
4-3	User management	15
Chapter 5	Utility	16
5-1	Application settings	16
5-2	Events log.	17
5-3	Diagnostics	18
5-4	"About SmartLook"	18
Appendix A	Monitored objects	19
Appendix B	Commands	33
	Notes	35

About this manual

DCMIINE0SLOOK **MANUAL CODE**
1.30 **REVISION**

Terminology

The main supervisory unit and the any constituent parts of the security apparatus manufactured by INIM Electronics s.r.l.

The layout or part of the layout of the protected premises. A graphic map can also be an overview.

The constituent parts of the INIM security system. Any constituent parts of the security apparatus manufactured by INIM Electronics s.r.l.

Directions as seen by the operator when directly in front of the mounted device.

Persons whose training, expertise and knowledge of the products and laws regarding security systems, are able to create, in accordance with the requirements of the purchaser, the most suitable solution for the protected premises.

Click on a specific item on the interface (drop-down menu, options box, graphic object, etc.).

Click-on/push a video button/key on a keypad or screen.

Graphic conventions

Following are the graphic conventions used in this manual.

Indicates the title of a chapter, section, paragraph, table or figure in this manual or other published reference (e.g., refer to paragraph *0-2 Graphic conventions*).

Similarly marked dialogue boxes contain recommendations and/or guidelines which the manufacturer wishes to call attention to.

The notes contain important information relating to the text.

0-1

**PANEL, CONTROL
PANEL, DEVICE**

MAP

OBJECT

**LEFT, RIGHT,
BEHIND, ABOVE,
BELOW**

**QUALIFIED
PERSONNEL**

SELECT

PRESS

0-2

TEXT IN ITALICS



Note

Chapter 1 General information

1-1 Manufacturer's details

INIM ELECTRONICS S.R.L.
 Centobuchi, via Dei Lavoratori 10
 63076, Monteprandone (AP), Italy

Tel.: +39 0735 705007
 Fax: +39 0735 704912
 e-mail: info@inim.it
 Web: www.inim.it

Any persons authorized by the manufacturer to repair or replace any parts or devices supervised by the SmartLook software program, hold authorization to work on INIM Electronics brand devices only.

1-2 Description of the software

SmartLook is a centralizing-management software program for INIM fire detection, fire extinction and intrusion-control systems.

The SmartLook software comprises two separate applications. One which allows the installer to configure the system and the other, dedicated to the user, which provides all the necessary supervisory functions.

Table 1-1: **Technical specifications**

Hardware	<ul style="list-style-type: none"> • Pentium 4 Processors (3.2 GHz) • 2 GB Ram • Voice board
Operative system	<ul style="list-style-type: none"> • Windows 2000 Professional (after installation of Microsoft Data Access Component (MDAC) 2.8 or successive release) • Windows XP, XP 64 • Windows Vista, Vista 64 • Windows 7, 7 64 • Windows 8, Windows 8 64 • Windows 8.1, Windows 8.1 64 • Windows 10, Windows 10 64 • Windows 11
Required hard disk space	500 MB
Maximum number of supervised control panels	25
Connection interface	<ul style="list-style-type: none"> • RS232 • Ethernet
Access levels	<ul style="list-style-type: none"> • Administrator • Supervisor • Standard user
Recommended video resolutions	<ul style="list-style-type: none"> • 800 x 600 • 960 x 600 • 1024 x 600 • 1024 x 640 • 1024 x 768 • 1152 x 964 • 1280 x 720 • 1280 x 768 • 1280 x 800 • 1280 x 960 • 1280 x 1024
Client-server	No
Multi language	Yes



It offers a vast application spectrum. Its modularity makes it ideal for industrial, commercial, home-automation and residential applications

A typical application is the centralized-supervision of several installations stationed in separate buildings or even different locations. Other common applications are hotel receptions, congress centres, shopping malls and places where the constant supervision of a fire/security system is required.

The SmartLook software program, thanks to its user-friendly interface is also capable of playing a key role in home-automation installations. In fact, when it is combined with the management software of a Inim intrusion-control panel, the home computer can actually become "house manager".

The SmartLook supervisory software uses graphic maps linked together in a 'tree' structure. Each map accepts an arbitrary number of objects. The objects can be supervised elements (detectors, partitions, zones, outputs, etc.), a link to another map or web page (VCR web interface) or a command button with access level control.

The system allows the operator to choose from 3 different notification levels (depending on the importance assigned by the programmer) for events linked to objects represented by icons:

1. Modification of the icon.
2. Changes in the appearance of the icon and flashing on the icon and on all the graphic-map links it is connected to.
3. Display of a fully-configurable pop-up page using HTML language (HyperText Markup Language). This makes the system completely configurable and consents to the insertion, for example, of Java applets which allow the operator to view the streaming of an IP camera.

The operator can interact with the system in realtime. In intrusion control systems, for example, it will be possible to control the status of the inputs, activate the outputs and implement operations such as: arm, disarm, bypass, output activation, etc.

All of this is achieved through the command functions. These functions allow the operator to work on the monitored systems via map icons which represent the system objects, or by means of preset buttons defined during the configuration phase.

The SmartLook software integrates video capabilities and consents to the incorporation of cameras and DVRs with IP network web interfaces.

The SmartLook software is capable of importing the system configuration by reading it directly on the control panel, or importing it from the database of the SmartLeague software thus reducing programming time considerably.

The system provides uncomplicated self-diagnosis functions which allow the operator to verify the status of communication between the software and control panels.

Software requirements

To operate properly, the SmartLook software applications require a .NET Framework 2.0 platform.

If your computer is equipped with Windows Vista or higher, this platform is already provided by the operative system with the last revision (.NET Framework 3.5) that must be activated via the Windows control panel menu.

However, if your computer is equipped with a different operative system, the .NET Framework 2.0 platform may not be present. If this is the case, its installation is required.

Following is a list of operative systems supported by .NET Framework 2.0 (details available on the Microsoft website):

Windows 98, ME, 2000, XP, Server 2003, Vista, Server 2008, Server 2008 R2, 7, 8, 8.1, 10, 11.

For Windows 8, 8.1, 10 and 11, it will be necessary to check the activation of the platform via the Windows control panel menu.

Windows Installer 3.0 (with the exception of Windows 98/ME that requires Windows Installer 2.0 or higher). The Manufacturer strongly recommends the use of Windows Installer 3.1 or higher.

APPLICATIONS

GRAPHIC MAPS

NOTIFICATION LEVELS

COMMANDS

FUNCTIONS

1-3

.NET FRAMEWORK

WINDOWS INSTALLER

1-4

User levels

The system is capable of managing different user levels:

ADMINISTRATOR

Administrator level provides access to the configuration process and all the graphic maps (viewing and command operations).

SUPERVISOR

Supervisor level provides access to part of the configuration process. Access to the graphic maps is subject to the rules applicable to standard users.

STANDARD USER

Standard level does not allow access to the configuration process. Viewing of the graphic maps may be: denied; allowed; allowed together with command operations (full access). If a standard user does not have access to a specific map, then the same user will not have access to any of the maps linked to it. Therefore, all the events generated by the objects contained in an inaccessible map will be disregarded.

1-5

Manuals

INSTALLATION AND CONFIGURATION MANUAL

The installer should read carefully through this manual and be familiar with all the functions and operating procedures of the SmartLook software. In order to ensure the full operating capacity of the system, the installer must adhere to all the manufacturer's guidelines and, moreover, respect all the warnings relating to the active and passive security devices of the system. It is the installer's responsibility to inform the system users that, regardless of its capabilities, an intrusion alarm system is not a substitute for the necessary precautions building occupants must take to prevent intrusion.

USER'S MANUAL

You (the installer) should read carefully through the user's manual. Once the system has been installed, you must ensure that the User's Manual is available to the users for consultation, and that they fully understand how the system works and are aware of all the functions, settings and procedures.

Licence activation

Chapter 2

The SmartLook software can be downloaded from our website (www.inim.it). The downloaded software is linked to a demo licence.

The demo licence has an expiration time and allows you to carry out all the configuration operations for an arbitrary number of control panels, the monitoring period runs for 30 successive minutes. The application will close when the 30 minute monitoring period ends.

DEMO LICENCE

The licence can be activated by entering a 12 digit "CodeKey" (XXX-XXX-XXX-XXX) provided by INIM Electronics s.r.l. The licence is valid for a certain number of control panels (fire detection or intrusion). Further activations of the licence increase the number of control panels which can be configured and managed.

ACTIVATION

To enter the code, once the program has been successfully installed and started (refer to *Chapter 3 - Basic Configurations*), press **Application settings** to access the configuration application and select the "About SmartLook" option.



Press **On line licence activation** and enter the code; the licence will be activated OnLine.

If an Internet connection is unavailable on the computer in use, activation can be obtained OffLine, clicking on **Off line licence activation**. From the "Licence request" section, enter the required data in the editable fields (asterisks "*" indicate the mandatory fields):

The licence request generates a file, in .req format, to be sent to INIM Electronics s.r.l. by e-mail to licensing@inim.it. In response, you will receive .lic file which you will be able to purchase in the "Licence acquisition" section in order to activate the licence.

Always contact Electronics s.r.l. before formatting or transferring the licence to another PC that reserves the right to unlock or not the licence in use.

Chapter 3 Basic Configurations

3-1 Installation

Execute the installation file smartlook-XXX-setup.exe (XXX indicates the software edition). Once the program has been successfully installed on your PC, a SmartLook.exe link will be created on your desktop which will allow you to start the program.



On first startup of the monitoring phase, press **Start monitoring**, or configuration, press **Application settings**. It will be necessary to enter the ID of the default user ("admin", "admin") as user name and password.

The program uses English at default. If you wish to change the language, go to "Utility > Application Settings" and select the required language.

3-2 Accessing the program

Access is allowed only after User Login.

The following configuration procedures can be accessed by Administrator users only (including the default "admin" user).

3-3 Network configuration

First of all, you must configure all the networks present in the system. A SmartLook network is a device or group of devices which can be controlled via a single communication channel, for example: an intrusion control network comprises a control panel, whereas, a fire detection network can be made up of several control panels linked together in a "Hornet" network.

To access the system configuration phase, press **Application settings** and select "Network management" from the "Standard settings" menu. After which, select the "New network" section to access the new-network configuration wizard.

Specify the type of network you require (fire-detection or intrusion-control network), a description, the type of control panel and the communication channel (serial port, Ethernet interface, LAN/serial adapter). Once you have finished this procedure, exiting the wizard, you have configured a network.

You can change the network settings in the "Network management" section, in the right side of the window. You can find the options:

- **Description**, this is the label which identifies the network.
- **Polling**, option that enable the communication between software and network. Below you can set the connection parameters.
- **"Fast" sharing**, SmartLoop control panel function that provides higher speed for network data sharing and object status info.
- **Control panels**, parameters setting section for the control panels of the selected network. You can select the control panels which are to be added or removed from the network (selected control panels are indicated by).

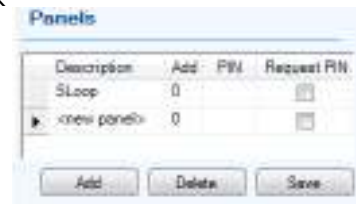
NEW NETWORK



CONTROL PANELS

The requested parameters for each control panel are:

- **Description**, this is the label which identifies the control panel.
- **Address**, supplied by the control-panel programmer, which identifies the individual control panel within the network.
- **PIN**, this is the user ID.
- **Request PIN**, if enabled, commands will not be carried out until the user PIN is entered (this option is enabled at default for anti-intrusion control panels). If disabled, commands will be carried out even without user PIN entry).



The SmartLook software program does not allow users to operate on the partitions of anti-intrusion systems which have not been assigned to them by the control-panel programmer. Therefore, disablement of the "Request PIN" option is advantageous only for users who are assigned to (can control) all the partitions and outputs.

Note

You must configure the objects of each control panel which constitutes the real-system. The objects will appear as icons on the graphic maps and can be monitored through changes in the icons.

Select the control panel then select the configuration mode from the three available:

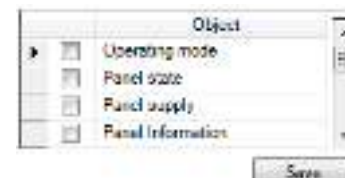
- Selection of the objects from the "Object" table. You can change the object labels in order to help you identify them more easily
- Importation of the configuration data from files generated by INIM's software suite (programming and management software).
- Direct download of the control-panel configuration data, that is, if connected to the control panel via one of the above-mentioned communication channels

If you select the "Read from panel" method and are configuring several fire-control panels in a Hornet network, all the control panels in the network will be read and configured. Therefore, this single operation completes this phase. The operation may take some time, depending on the number of loops and control panels being configured. However, if you are configuring an intrusion-control panels or a conventional fire control panels, this operation only takes a few seconds.

The direct download method from the control panel also allows you to test the connections beforehand.

For the complete list of all the monitored objects and icons which represent them, refer to *Appendix A, Monitored objects*.

OBJECTS

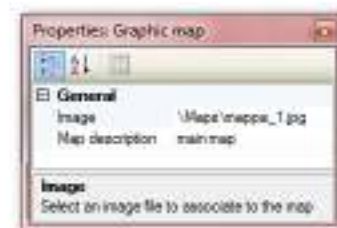


Map management

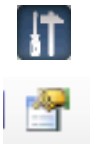
This section allows the operator to create a layout of the premises where the security systems (identified as configured networks) are installed.

The graphic maps are identified by a description and an image file and are connected by links which create a tree structure which starts from the "main map".

3-4



MAIN MAP



You can access the “Main map” via the system configuration by pressing **Application settings** and selecting the “Map management” option from the “Standard settings” menu.

No image is present on first access. The map can be configured by clicking-on “Properties” on the toolbar. A window will appear which will allow you to modify and change the description of the map and import the image which represents the map.

LINKS

The main map allows you to add links to other maps.

From the “Objects” menu (on the right), select “Link to graphic map” from under “Common controls” and locate and size the link, represented a rectangular, red frame. Press the **Ctrl** key on the computer keypad and the left button on the mouse simultaneously to start the link-configuration wizard.

The wizard will allow you to create new maps, add links to an existing map, or a connection via the URL which will allow access to a web page or a video-surveillance system equipped with a web interface.

To move between maps in the configuration, press the **Ctrl** key and the left button on the mouse simultaneously and access a link, double click-on the map to return to a higher level.



OBJECTS

The “Objects” menu (on the right) also provides all the control panels and objects defined during the network configuration phase.

To add the objects to the maps, click-on the object and then click-on the spot where you wish to locate it. If you double click-on the object on the menu, the objects will be located in the centre of the map.

BUTTONS

The SmartLook program allows you to add “buttons” to the system to control the objects (implement the commands associated with the objects) or to navigate through the maps.

From the “Objects” menu (on the right), select the type of button under “Common controls” and locate and size the command button.

To define a command button, press the **Ctrl** key and the left button on the mouse or press and follow the instructions provided by the wizard.

Four types of button are available.

- **Command button**, to associate a command with a control panel object.
- **Navigation button**, to provide a direct access link to the previous map, or to the main map or to another map.
- **External program button**, to execute an external software programme (.exe).
- **Multi-burglary panel arming button**, button for the simultaneous activation of the arming of partitions of several configured anti-intrusion control panels.

The presence of buttons depends on the level of access the user has to maps, as described in paragraph 4-3 *User management*.

You can find a complete list of the commands allocated to each type of control panel in *Appendix B, Monitored objects*.

Each object, link or command button can be re-sized and relocated on the map.

For these purposes, the SmartLook program provides the following functions on the toolbar:

- to save the ongoing configuration
- to open the attributes window of the selected object
- to delete the displayed map (this function does not apply to the “Main map”)
- alignment tools for the selected objects
- sizing tools for the selected objects
- to modify the map image by means of an editing software
- to reach other maps by means of a window

Note

Save frequently during the configuration phase

Advanced settings

Chapter 4

A group of conditions is defined for each of the objects configured and located on the maps. These conditions assume various values, in accordance with how the system has been programmed and the incidence of the events which involve the objects. The "Advanced settings" allow you to manage the status (conditions) of the objects and the signalling of changes in the values relating to these conditions.

Access system configuration then press **Application settings**. The "Advanced settings" menu (on the left side), provides three options: "Status management", "Image management", "User management".



Status management

4-1

This section allows you to define the actions associated with the status of each object. The SmartLook program provides 3 different event-notification levels:

- **Basic**, this notification method uses images which indicate the status. Any change in status is signalled by an image change. For instructions regarding the image selection refer to paragraph 4-2 *Image management*.
- **Blink**, this notification method uses visual signal (blinking). When the object reaches a particular status, its icon will start to blink in unison with the maps it is associated with.
- **Warning page**, this notification method uses a visual signal (screen change). When the object reaches a particular status, a "Warning page" will appear accompanied by an audible signal.

All the configured networks are shown in the section on the the right side of the window. Each network specifies the control panels it comprises and all the objects in configuration. You can select the object you wish to configure from this section.

Once you have selected the network, control panel or object from the section on the left side of the window, all the conditions (status), and the values these conditions can assume, will be shown.



After selecting the status, assign the required action ("Blink" and/or "Warning page") by ticking the respective check box.

Any status assigned to an "Warning page" will be highlighted in red.

The type of signalling selected for a specific status of any object will apply to all objects of the same type. For example, if "Warning page" notification is selected for partition tamper events, this setting will be valid for all the partitions of all the control panels in the network.

You can distinguish signalling on individual objects by creating a differentiated "Warning page" which allows you to customize an event related to a particular object (for example, through the connection of a specific IP camera).

However, it is impractical to define an excessive number of events with "Warning page" notification, as such a situation would create confusion and make the system almost unworkable on account of the number of control panels being monitored.

At default, some events are already associated with "Blink" notification and others with "Warning page" notification. Default settings can be changed to suit customer requirements.

WARNING PAGE

The "Warning page" is divided into four sections (for instructions on how to use of this page, refer to the *User's Manual*):

- The two sections on the right provide two reduced-sized, interactive layouts of system (virtual systems).
- The events log is positioned on the bottom left of the monitor. Only the events generated during the time the user is working on the SmartLook program will be shown. However, "Administrator" users can view all the events notified.
- The top right section displays a fully-configurable page in HTML language (HyperText Markup Language). This makes the system completely configurable and allows the user to customize the events one by one, it also and consents to the insertion of Java or ActiveX applets.

HTML EDITOR

You can configure the HTML page through HTML editor.

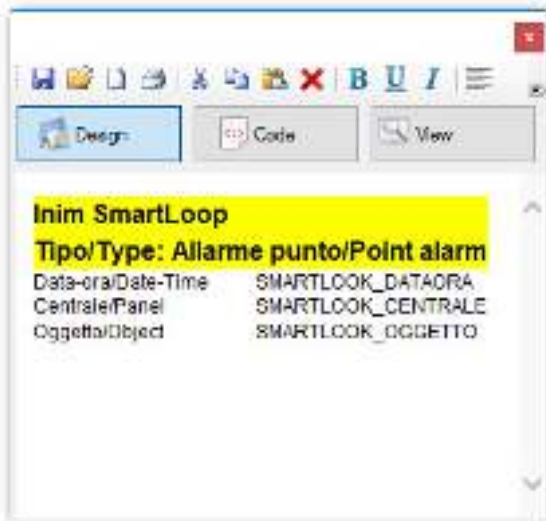
You can create a new HTML page solely for a selected event and object by pressing **Create new page**, or can change the default page (changes will apply to all the objects of the same kind), by pressing **Default page**.

Access the editor by pressing **Manage page**.

The following tags can be applied during the page-configuration phase. These are the key terms which are used by the SmartLook program in accordance with the event signalled by the object:

Table 4-1: **HTML managing page**

Tag	Variable
SMARTLOOK_DATAORA	Date and time of the event
SMARTLOOK_CENTRALE	Name of the control panel which reported the event
SMARTLOOK_OGGETTO	Name of the object which triggered the event
SMARTLOOK_INFO1	Value read by the object which triggered the event
SMARTLOOK_INFO2	Unit used to measure the value read by the object which triggered the event



4-2

Image management

In order to allow full customization of the SmartLook program, the user is allowed direct management of all the icons (placements, size and choice of image) which represent the objects on the maps.

It is possible to define a set of images (a group of images assigned to each object status) for each type of object. The users can create further sets of images to add to the non-modifiable one provided, by simply pressing the **"New"** button.



After selecting a set of images (template) and a category of objects, you can access the template wizard and create a new set by pressing **"New"**.

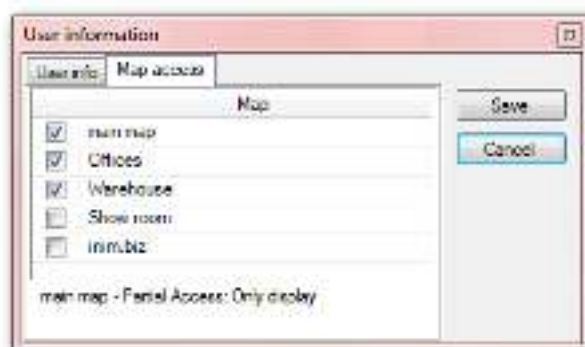
If you select the newly created template, the default images will appear. To access image selection, double click-on the image you wish to change. The images used during this phase are in bitmap format (.bmp). Therefore, for best performance, it is advisable to use 100 kB images (approx.).

To apply the selected images to the maps, first complete the set (template) then select the object from "Map management" and press ; at this point, select the desired set from under "Images set".

User management

4-3

The SmartLook program has a predefined, fixed "Administrator" account whose ID and password is "admin". The ID and password of this account can be changed, but its role as "Administrator" cannot.



To create a new user, go to the "User management" and click-on **Add**. The screen that appears will allow you to create a new user by filling in the programming fields (Login, User name and Password are mandatory) and selecting a role (access level).

To establish the access level of standard or supervisor users to the maps, you must access the User information window (double click-on **Properties**) in the "Map access" section.

At default, all Non-Administrator users have fixed access to viewing the main map but access to all other maps is denied (). Click-on the respective map checkboxes to authorize viewing () , double click for complete access ().

Chapter 5

Utility



The SmartLook program provides the "Administrator" user with a series of ancillary functions which optimize program operations and monitoring activities.

After accessing the configuration phase, press **Application settings**, the menu on the left (under "Utility"), provides four activities: "Application settings", "Events Log", "Diagnostics" and "About SmartLook".

5-1

Application settings

This section will allow you to select the general settings of the application.

You reach these parameters clicking on "Application settings" and save the settings clicking on the **Change** buttons.

LANGUAGE

Access this section to change the language used by the application. Select the language from the list and press **Change**.

IMAGE EDITING



Insert the path of executable software (.exe) that starts after clicking on **Image editing** from the "Map management" section (e.g. "C:\WINDOWS\system32\mspaint.exe", paragraph 3-4 *Map management*).

STARTUP DELAY

In the box it is possible to indicate the time interval, expressed in seconds, between the start of monitoring on one network and the start of monitoring on the successive network, during the software startup phase.

If enabled, the software requires the user ID (user name and password) after each command. Insert in the field the ID duration time, in seconds.

ID REQUIRED

Section to insert the number of events to be displayed in the list of events in the "Event log" section of the application settings (paragraph 5-2 *Events log*) and of the user interface, by pressing the proper button.

EVENTS LOG NUMBER

Events log

5-2

The SmartLook program provides an event log where all the events which involve the program (user access and command operations on the system) and notifications from the monitored systems are saved.

The events and notifications are listed in a table in the "Events log" section. The event details are divided into separate fields and various columns on the table. Using the mouse arrow, you can drag the column headers and drop them to the grey strip above the table ("Drag a column header here to group by that column"), in order to view a group of events, depending on the selected field. To exit the viewing phase, drag the column header out of the grey strip.



It is possible to select the number of events that can be viewed. You can choose the number of events per page clicking with the right mouse button on the event list.

The events can be further sub-divided into three groups:

- **Login**, all user Login and Logout operations.
- **Commands**, all user Command operations on the various control panels in the different networks.
- **Status**, all the event notifications signalled by an "Warning page". This group of events coincides with the data displayed on the bottom left of the "Warning page" (refer to paragraph 4-1 *Status management*).

HISTORICAL ARCHIVE

It is useful the "Administrator" user to be able to remove events from the events log, thus reducing the number of events listed, and save them to a historical archive.

The SmartLook program provides two methods which allow this operation:

- The selected events are moved to a "Historical archive" table
- The selected events are saved to a .xml file

The program provides buttons for management of the archive:

- , select all the events shown in the events log
- , save the selected events to the "Historical archive"
- , create the .xml files for the selected events
- , view the events in the "Historical archive"
- , load .xml files
- , view the events in the running "Historical archive"
- , print the events displayed.

It is advisable to archive the events on a monthly basis to the "History register" (first level) and annually to the .xml file (second level).

5-3

Diagnostics

This section provides the diagnostic actions which simulate the communications between the supervisor and the control panel with the aim of identifying any problems.

Select the network and press **Start**, the SmartLook program will carry out three different communication tests:

- **Driver**, tests the communication with the driver and verifies the availability of the TCP-IP ports for communication with the driver.
- **Connection**, tests the connection with the control panel using the configured communication channel.
- **Communication**, - tests the data exchange with the control panel using the driver.

If all three tests give positive results (✔), no problems have been found.

If, instead, any of the tests give negative results (✘), the SmartLook program will display a message signalling test failure and will advise you to check the system and communication channels in order to find the possible causes of test failure.

Note

The test procedure should be carried out three times in order to ensure the perfect working order of the system.

5-4

“About SmartLook”

The “About SmartLook” window provides information regarding the program version and licence.

From this window you will be able to activate the licence (refer to *Chapter 2 - Licence activation*), and view the following information:

- PC imprint, that is, the hardware identifier of the PC in use
- The key, the registered holder and expiry date of the licence
- The number of configurable control panels, indicated in the “Other” field; the first value indicates the number of fire-control panels and the second the number of intrusion-control panels).



Monitored objects

Appendix A

Table A-1: SmartLine control panels

Object	Status	Value	Icon	Notes	Status	Value	Icon	Notes
Control panel	Communication	Operating		Standby status	Sprinkler	NO	Standby	
		Serial / ethernet fault		The communication between the control panel and the user's PC has been interrupted.		YES		A "sprinkler" zone has activated and is signalling alarm to the control panel.
	Alarm	NO	Standby		Supervision	NO	Standby	
		YES		An input point, programmed for alarm activation has activated.		YES		A "supervised" zone has activated
	Gas alarm	NO	Standby		Change class	NO	Standby	
		YES		A "gas" zone has activated and is signalling alarm to the control panel.		YES		The "Change Class" signal is active.
	Pre-alarm	NO	Standby		Silence	NO	Standby	
		YES		An input point, programmed with a pre-alarm time, has activated.		YES		The sounder/flashers connected to the control panel have been silenced.
	Gas pre-alarm	NO	Standby		Bypass telephone dialler	NO	Standby	
		YES		A "gas" alarm input point has activated and exceeded the pre-alarm threshold.		YES		The telephone-dialler activation output has been disabled.
	Fault	NO	Standby		Day/Night mode	NO	Standby	
		YES		A system fault condition is active.		YES		The control panel is operating in night mode.
	Bypass	NO	Standby		Network fault	NO	Standby	
		YES		At least one of the system components (zone or output) has been bypassed.		YES		Mains failure.
	Test	NO	Standby					
		YES		At least one of the system zones is in test mode.				

Table A-2: SmartLine Extinguishment module













Object	Status	Value	Icon	Notes	Status	Value	Icon	Notes
Extinguishment board	Extinguishment	NO		Standby status	Bypass automatic-extinction	NO	Standby	
		YES		The extinguishment board has activated the extinguishment phase.		YES		Automatic-extinction has been disabled.
	Pre-extinguishment	NO	Standby		Flow detected	NO	Standby	
		YES		The pre- extinguishment time is running.		YES		A flow detector has sensed the flow of fire-extinguishment gas.
	Fault	NO	Standby		Confirm extinction	NO	Standby	
		YES		A component of the extinguishment system has signalled a fault.		YES		Extinction has been carried out successfully.
	Pressure valve	NO	Standby		Manual extinction	NO	Standby	
		YES		The pressure level of the extinguishment-gas is too low.		YES		The extinguishment phase has been activated manually.
	Bypass extinction	NO	Standby		Stop extinction	NO	Standby	
		YES		A component of the extinguishment system has been bypassed.		YES		Extinction inhibited.
	Bypass manual extinction	NO	Standby					
		YES		Manual-extinction has been disabled.				

Table A-3: SmartLine objects




Object	Status	Value	Icon	Notes	Object	Status	Value	Icon	Notes
Conventional zone I/O zone	Alarm	NO		Standby status	Alarm	Alarm	NO		Standby status
		YES		The zone has detected an alarm.			YES		The detector has detected an alarm.
	Gas alarm	NO	Standby		Gas alarm	Gas alarm	NO	Standby	
		YES		The "gas" zone has detected an alarm condition.			YES		The detector, programmed as "gas", has detected an alarm.
	Pre-alarm	NO	Standby		Pre-alarm	Pre-alarm	NO	Standby	
		YES		The zone programmed with a pre-alarm time has activated.			YES		The detector programmed with a pre-alarm time has activated.
	Gas pre-alarm	NO	Standby		Gas pre-alarm	Gas pre-alarm	NO	Standby	
		YES		The "gas" zone has activated after exceeding the pre-alarm threshold.			YES		The "gas" detector has activated after exceeding the pre-alarm threshold.
	Fault	NO	Standby		Fault	Fault	NO	Standby	
		YES		The zone has signalled a fault condition.			YES		The detector has signalled a fault condition.
	Bypass	NO	Standby		Bypass	Bypass	NO	Standby	
		YES		The zone has been bypassed (disabled).			YES		The detector has been bypassed.
	Test	NO	Standby		Test	Test	NO	Standby	
		YES		The zone is in test mode.			YES		The detector is in test mode.
Sprinkler	NO	Standby		Sprinkler	Sprinkler	NO	Standby		
	YES		The "sprinkler" zone has detected an alarm condition.			YES		The detector, programmed as "sprinkler", has detected an alarm.	
Monitoring	NO	Standby		Supervision	Supervision	NO	Standby		
	YES		A "supervised" zone has activated			YES		The detector, programmed as "supervised", has activated.	
Change class	NO	Standby		Change class	Change class	NO	Standby		
	YES		The zone has activated a "Change class" signal.			YES		The detector has activated a "Change class" signal.	

Table A-3: SmartLine objects

Object	Status	Value	Icon	Notes
Call point	Alarm	NO		Standby status
		YES		The call point signals an alarm condition.
	Gas alarm	NO	Standby	
		YES		The call point, programmed as "gas", has detected an alarm.
	Pre-alarm	NO	Standby	
		YES		The call point programmed with a pre-alarm time has activated.
	Gas pre-alarm	NO	Standby	
		YES		The "gas" call point has activated after exceeding the pre-alarm threshold.
	Fault	NO	Standby	
		YES		The call point has signalled a fault condition.
	Bypass	NO	Standby	
		YES		The call point has been bypassed.
	Test	NO	Standby	
		YES		The call point is in test mode.
Sprinkler	NO	Standby		
	YES		The call point, programmed as "sprinkler", has detected an alarm.	
Monitoring	NO	Standby		
	YES		The call point, programmed as "supervised", has activated.	
Change class	NO	Standby		
	YES		The call point has activated a "Change class" signal.	

Object	Status	Value	Icon	Notes
Contact	Alarm	NO		Standby status
		YES		The contact point signals an alarm condition.
	Gas alarm	NO	Standby	
		YES		The contact, programmed as "gas", has detected an alarm.
	Pre-alarm	NO	Standby	
		YES		The contact programmed with a pre-alarm time has activated.
	Gas pre-alarm	NO	Standby	
		YES		The "gas" contact has activated after exceeding the pre-alarm threshold.
	Fault	NO	Standby	
		YES		The contact has signalled a fault condition.
	Bypass	NO	Standby	
		YES		The contact has been bypassed.
	Test	NO	Standby	
		YES		The contact is in test mode.
Sprinkler	NO	Standby		
	YES		The contact, programmed as "sprinkler", has detected an alarm.	
Supervision	NO	Standby		
	YES		The contact, programmed as "supervised", has activated.	
Change class	NO	Standby		
	YES		The contact has activated a "Change class" signal.	

Sprinkler	Alarm	NO		Standby status
		YES		The sprinkler is in alarm status.
	Gas alarm	NO	Standby	
		YES		The sprinkler, programmed as "gas", has detected an alarm.
	Pre-alarm	NO	Standby	
		YES		The sprinkler programmed with a pre-alarm time has activated.
	Gas pre-alarm	NO	Standby	
		YES		The "gas" sprinkler has activated after exceeding the pre-alarm threshold.
	Fault	NO	Standby	
		YES		The sprinkler has signalled a fault condition.

Sprinkler	Bypass	NO	Standby	
		YES		The sprinkler has been bypassed.
	Test	NO	Standby	
		YES		The sprinkler is in test mode.
	Sprinkler	NO	Standby	
		YES		The sprinkler, programmed as "sprinkler", has detected an alarm.
	Supervision	NO	Standby	
		YES		The sprinkler, programmed as "supervised", has activated.
	Change class	NO	Standby	
		YES		The sprinkler has activated a "Change class" signal.

Table A-4: Analog-addressable fire control panels

Object	Status	Value	Icon	Notes
Control panel operating mode	Day/Night mode	Day mode		Standby status
		Night mode		
	Test mode	OFF		
		ON		At least one of the system parts is in test mode.
	Programming mode	OFF		
		From panel		Indicate that the control panel is undergoing programming and the platform in use.
		Via SmartLeague		
	Via web			
	Programming jumper	Disarm		
		Inserted		
	User level	View only		
		Key inserted and turned		The control panel is in access "Level 2" operating mode.
		Maintenance		The control panel is in "maintenance" mode.
		Programming		The control panel is in "programming" mode.

Status	Value	Icon	Notes
Telephone dialler	OK		
	Fault		A fault has been detected on the dialler or telephone line.
	Disabled		At least one of the dialler functions has been disabled.
	Alarm report		Ongoing alarm communication
	Fault report		Ongoing fault communication
	General report		Ongoing communication
Silenced	OFF		
	Silenced		The bells have been disabled.
	Investigation		The "investigate" time is running.
Reset	OFF		
	Reset running		

Object	Status	Value	Icon	Notes
Control panel status	Communication	Operating		Standby status
		Serial / ethernet fault		The communication between the control panel and the user's PC has been interrupted.
	Disable	NO		
		YES		At least one of the systems parts has been disabled.
	Faults	NO		
		YES		A fault has been detected in a part of the system.
		Hornet network		A fault has been detected in a part of the Hornet network.
	Gas alarm	NO		
		YES		A "gas" zone has activated and is signalling alarm to the control panel.

Status	Value	Icon	Notes
Alarm supervision	NO		
	YES		A "supervised" zone has activated
Alarm warning	NO		
	YES		A zone has exceeded the "alarm threshold".
Fire pre-alarm	NO		
	YES		An input point, programmed with a pre-alarm time, has activated.
Fire alarm	NO		
	YES		An input point, programmed for alarm activation has activated.
Evacuation alarm	NO		
	YES		An evacuation signal has been activated.

Table A-4: Analog-addressable fire control panels

Object	Status	Value	Icon	Notes	Status	Value	Icon	Notes
Control panel power supply	Network	OK		Standby status	Control panel power supply	OK		
		Short mains blackout		230V AC Mains failure.		Supplementary power-supply fault		A fault has been detected on the supplementary power-supply.
		Long mains blackout		The mains failure event (blackout) has exceeded the "signal mains-failure delay".		AUX fault		A fault has been detected on the "AUX" terminal.
	Battery	OK			AUX-R fault		A fault has been detected on the "AUX-R" terminal.	
		Low level		The battery voltage is low.	Dispersion to earth	OK		
		Inefficient		The battery voltage is jeopardy.		Earth fault		The control panel has detected dispersion to earth.

Control panel info	Monitoring	NO		Standby status	Sprinkler signals	NO		
		YES		A "monitoring" has activated.		YES		A sprinkler has activated.
	Change class	NO			Inhibit fire extinction	NO		
		YES		The "Change Class" signal is active.		YES		Fire-extinction has been inhibited.
	Voice alarm	NO			Fire extinction running	NO		
		YES		A voice-alarm device has activated.		YES		A fire-extinction signal has been activated.
	Fire door	Open						
		Closed		Closure of the Fire door has been triggered.				

Table A-5: SmartLoop objects

Object	Status	Value	Icon	Notes	Status	Value	Icon	Notes
Loop	Fault	OFF		Standby status	Fault	Short-circuit OUT		A short-circuit has been detected on the "OUT" terminal.
		Open fault		The loop is open.		Short-circuit IN		A short-circuit has been detected on the "IN" terminal.
NAC output	Fault	OFF		Standby status	Status	Enabled		
		Generic fault		A fault has been detected on the output.		Disabled		Output disabled.
	Test	OFF				ON output		The output has triggered a signal.
		ON		Output in test mode.		OFF output		
Timers	Status	OFF						
		ON		Timer active.				

Table A-5: SmartLoop objects

Object	Status	Value	Icon	Notes
Zone	Zone fault	OFF		Standby status
		Generic fault		A fault has been detected on the zone.
	Zone status	ON		Zone enabled.
		OFF		Zone disabled.
	Test zone	OFF		
		ON		Zone in test mode.

Object	Status	Value	Icon	Notes
Zone alarm	Zone alarm	OFF		
		Monitor		The "monitor" zone has activated (technical alarm).
Gas			The "gas" zone has activated.	
Supervision			The "supervision" zone has activated.	
Early warning			The detected signal has exceeded the "warning" threshold.	
Pre-alarm			The zone is in pre-alarm status.	
Alarm			The zone has activated.	
Evacuate			The "evacuation" zone has been activated.	

Object	Status	Value	Icon	Notes
Group	Status	OFF		Standby status
		ON		The group is activated.

Table A-6: Generic loop points

Object	Status	Value	Icon	Notes
Point	Fault	OFF		Standby status
		Generic fault		
		Point loss		The point does not respond.
		Contaminated		The contamination (dust) threshold has been exceeded.
		Battery empty (wireless)		The battery voltage of the wireless point is low.
		Tamper (wireless)		The wireless point does not respond.
		Power failure (IO)		A fault has been detected on the power-supply external to the "IO" input.
		Output (IO) fault		A fault has been detected on "IO" output.
	Point status	Enabled		
		Disabled		The point has been disabled.
		ON output		The point output has activated.
		OFF output		

Object	Status	Value	Icon	Notes
Test point	Test point	OFF		
		ON		The point is in test mode.
Alarm point	Alarm point	OFF		
		Early warning		The detected signal has exceeded the "warning" threshold.
		Pre-alarm		The point is in pre-alarm phase.
		Alarm		The point has triggered the alarm signal.
		Supervision		The "supervision" point has activated.
		Monitor		The "monitor" point has activated (technical alarm).
Info point	Info point	Info point OFF		
		Info point updated		Information updated after an "Info enquiry" command.
		Info point error		The "Info enquiry" command has conveyed an error.

Table A-7: Inim loop points

Status	Value	Detector	Call point	Input module	Output module	Input/Output module	Sounder / Flasher	Notes
Alarm	OFF							Standby status
	Early warning							The detected signal has exceeded the "warning" threshold.
	Pre-alarm							The point is in pre-alarm phase.
	Alarm							The point has triggered the alarm signal.
	Monitoring							The "supervision" point has activated.
	Monitor							The "monitor" point has activated (technical alarm).
Fault	OFF							
	Generic fault							
	Point loss							The point does not respond.
	Contaminated							The contamination (dust) threshold has been exceeded.
	Battery empty (wireless)							The battery voltage of the wireless point is low.
	Tamper (wireless)							The wireless point does not respond.
	Power failure (IO)							A fault has been detected on the power-supply external to the "IO" input.
	Output (IO) fault							A fault has been detected on "IO" output.
Info point	OFF							
	Updated							Information updated after an "Info enquiry" command.
	Error							The "Info enquiry" command has conveyed an error.
Bypass	NO							
	YES							The point has been bypassed.
Output activated	ON output							
	OFF output							The point output has been activated.
Test point	OFF							
	ON							The point is in test mode.

Table A-8: Previdia control panels














Object	Status	Value	Icon	Notes	Status	Value	Icon	Notes
Control panel	Alarm	NO		Standby status	Power-supply fault	NO	Standby	
		YES		An input point, programmed for alarm activation has activated.		YES		A fault has been detected on the supplementary power-supply.
	Early warning	NO	Standby		Earth fault	NO	Standby	
		YES		The detected signal has exceeded the "warning" threshold.		YES		The control panel has detected dispersion to earth.
	Low battery	NO	Standby		Day/Night mode	Day	Standby	
		YES		The battery voltage is low.		Night		The control panel is operating in night mode.
	Bypass	NO	Standby		Pre-alarm	NO	Standby	
		YES		At least one of the system components (zone or output) has been bypassed.		YES		An input point, programmed with a pre-alarm time, has activated.
	Fault	NO	Standby		Investigation	NO	Standby	
		YES		A system fault condition is active.		YES		The "investigate" time is running.
	Battery fault	NO	Standby		Silenced	NO	Standby	
		YES		Backup battery empty or disconnected.		YES		The bells have been disabled.

Table A-9: Previdia modules













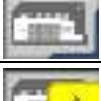


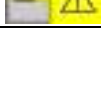



Object	Status	Value	Icon	Notes	Object	Status	Value	Icon	Notes
Loop module IFM2L	Fault or loss	NO		Standby status	I/O Module IFM16IO	Fault or loss	NO		Standby status
		YES		The module signals a fault status or it is lost.			YES		The module signals a fault status or it is lost.
I/O Module IFM4IO	Fault or loss	NO		Standby status	LED module FPMLED	Fault or loss	NO		Standby status
		YES		The module signals a fault status or it is lost.			YES		The module signals a fault status or it is lost.
Relay module IFM4R	Fault or loss	NO		Standby status	LAN module IFMLAN	Fault or loss	NO		Standby status
		YES		The module signals a fault status or it is lost.			YES		The module signals a fault status or it is lost.
PSU module IFM24160	Fault or loss	NO		Standby status	Hornet module IFMNET	Fault or loss	NO		Standby status
		YES		The module signals a fault status or it is lost.			YES		The module signals a fault status or it is lost.




Table A-9: Previdia modules








Object	Status	Value	Icon	Notes
Dialer module IFMDIAL	Other calls bypassed	NO		Standby status
		YES		Other events calls have been bypassed.
	Alarm call ongoing	NO	Standby	
		YES		An alarm call is ongoing.
	Alarm call failed	NO	Standby	
		YES		An alarm call has failed.
	Alarm call done	NO	Standby	
		YES		An alarm call has been done.
	Alarm call bypassed	NO	Standby	
		YES		Alarm calls have been disabled.
	Fault call ongoing	NO	Standby	
		YES		A fault call is ongoing.
	Fault call failed	NO	Standby	
		YES		A fault call has failed.
	Fault call done	NO	Standby	
		YES		An alarm call has been done.
	Fault call bypassed	NO	Standby	
		YES		Fault calls have been disabled.
	Monitor call failed	NO	Standby	
		YES		A monitor call has failed.
	Call queue full	NO	Standby	
		YES		Other calls are not available.
	Fault or loss	NO	Standby	
		YES		The module signals a fault status or it is lost.
	GPRS Fault	NO	Standby	
		YES		The GPRS channel signals a fault status.
	GSM fault	NO	Standby	
		YES		The GSM channel signals a fault status.
PSTN Fault	NO	Standby		
	YES		The PSTN channel signals a fault status.	
SMS sent	NO	Standby		
	YES		A SMS text message has been sent.	
Sending SMS failed	NO	Standby		
	YES		The module failed to send SMS message.	






Object	Status	Value	Icon	Notes
Fire extinguishment module IFMEXT	Stop extinction	NO		Standby status
		YES		Extinction inhibited.
	Stop extinction by external devices	NO	Standby	
		YES		Extinction activation by external devices has been bypassed.
	Extinguishment	NO	Standby	
		YES		Extinction has been activated.
	Automatic extinguishment bypassed	NO	Standby	
		YES		Automatic-extinction has been disabled.
	Extinguishment bypassed	NO	Standby	
		YES		Module bypassed.
	Manual extinguishment bypassed	NO	Standby	
		YES		Manual-extinction has been disabled.
	Extinction fault	NO	Standby	
		YES		The extinction channel signals a fault status.
	Fault or loss	NO	Standby	
		YES		The module signals a fault status or it is lost.
	Pre-extinguishment	NO	Standby	
		YES		Pre-extinction status has been signalled.



Table A-10: Previdia objects








Object	Status	Value	Icon	Notes
Timers	Bypass	NO		Standby status
		YES		The timer has been disabled.
	Activation	NO	Standby	
		YES		The timer has been activated.

Object	Status	Value	Icon	Notes
Loop	Bypass	NO		Standby status
		YES		The loop has been disabled.
	Fault	NO	Standby	
		YES		The loop signals a fault status or it is lost.

Object	Status	Value	Icon	Notes
Zone	Bypass	NO		Standby status
		YES		The zone has been bypassed (disabled).
	Fault	NO	Standby	
		YES		The zone signals a fault status or it is lost.
	Alarm	NO	Standby	
		YES		The zone signals an alarm condition.
	Early warning	NO	Standby	
		YES		The zone has exceeded the "alarm threshold".
	Pre-alarm	NO	Standby	
		YES		The zone activated the pre-alarm time.
	Test	NO	Standby	
		YES		The zone is in test mode.

Object	Status	Value	Icon	Notes
Outputs group	Bypass	NO		Standby status
		YES		The group of outputs has been bypassed.
	Alarm	NO	Standby	
		YES		The group of outputs signals a fault status.
	Early warning	NO	Standby	
		YES		The group of outputs signals a "alarm threshold" condition.
	Pre-alarm	NO	Standby	
		YES		The group of outputs activated the pre-alarm time.

Object	Status	Value	Icon	Notes
Emergency backup CPU	Fault or loss	NO		Standby status
		YES		The module signals a fault status or it is lost.

Object	Status	Value	Icon	Notes
Input/Output module point (IFM4IO)	Alarm	NO		Standby status
		YES		The device signals an alarm condition.
	Early warning	NO	Standby	
		YES		The detected signal has exceeded the "warning" threshold.
	Pre-alarm	NO	Standby	
		YES		The device programmed with a pre-alarm time has activated.
	Fault	NO	Standby	
		YES		The device has signalled a fault condition.
	Bypass	NO	Standby	
		YES		Device bypassed
	Output activated	NO	Standby	
		YES		The point output has been activated.







Object	Status	Value	Icon	Notes
Input/Output module point (IFM16IO)	Alarm	NO		Standby status
		YES		The device signals an alarm condition.
	Early warning	NO	Standby	
		YES		The detected signal has exceeded the "warning" threshold.
	Pre-alarm	NO	Standby	
		YES		The device programmed with a pre-alarm time has activated.
	Bypass	NO	Standby	
		YES		Device bypassed
	Output activated	NO	Standby	
		YES		The point output has been activated.

Table A-10: Previdia objects

Object	Status	Value	Icon	Notes	Object	Status	Value	Icon	Notes
Power-supply module point (IFM24160)	Output activated	NO		Standby status	Relay module point (IFM4R)	Output activated	NO		Standby status
		YES		The output has been activated.			YES		The output has been activated.
	Bypass	NO	Standby			Bypass	NO	Standby	
		YES		Device bypassed			YES		Device bypassed
	Fault	NO	Standby			Fault	NO	Standby	
		YES		The device has signalled a fault condition.			YES		The device has signalled a fault condition.

Table A-11: Previdia loop points

Status	Value	IFM2L point	Call point	Detector	Emergency lamp	Beam detector	Gas detector	Notes
Alarm	NO							Standby status
	YES							The device signals an alarm condition.
Early warning	NO	Standby	Standby	Standby	Standby	Standby	Standby	
	YES							The detected signal has exceeded the "warning" threshold.
Pre-alarm	NO	Standby	Standby	Standby	Standby	Standby	Standby	
	YES							The device programmed with a pre-alarm time has activated.
Fault	NO	Standby	Standby	Standby	Standby	Standby	Standby	
	YES							The device has signalled a fault condition.
Bypass	NO	Standby	Standby	Standby	Standby	Standby	Standby	
	YES							Device bypassed
Info point	OFF	Standby	Standby	Standby	Standby	Standby	Standby	
	Updated	Standby						Information updated after an "Info enquiry" command.
	Error	Standby						The "Info enquiry" command has conveyed an error.
Output activated	NO	Standby	Standby	Standby	Standby	Standby	Standby	
	YES							The point output has been activated.

Table A-12: Previdia loop points

Status	Value	Input module	Output module	Input / Output module	Power-supply module	Sounder / Flasher	Notes
Alarm	NO						Standby status
	YES						The device signals an alarm condition.
Early warning	NO	Standby	Standby	Standby	Standby	Standby	
	YES						The detected signal has exceeded the "warning" threshold.
Pre-alarm	NO	Standby	Standby	Standby	Standby	Standby	
	YES						The device programmed with a pre-alarm time has activated.
Fault	NO	Standby	Standby	Standby	Standby	Standby	
	YES						The device has signalled a fault condition.
Bypass	NO	Standby	Standby	Standby	Standby	Standby	
	YES						Device bypassed
Info point	OFF	Standby	Standby	Standby	Standby	Standby	
	Updated						Information updated after an "Info enquiry" command.
	Error						The "Info enquiry" command has conveyed an error.
Output activated	NO	Standby	Standby	Standby	Standby	Standby	
	YES						The point output has been activated.

Table A-13: Anti-intrusion control panels

Object	Status	Value	Icon	Notes	Status	Value	Icon	Notes
Control panel status	Communication	Operating		Standby status	Peripheral tamper	OFF	Standby	Status for tamper signalling on the Peripherals connected the BUS.
		Serial / ethernet fault		The communication between the control panel and the user's PC has been interrupted.		Expansions		
		Linedown		Telephone line trouble.		Keypads		
	Programming	OFF	Standby		Readers			
		In programming			Control panel Tamper	OFF	Standby	Control panel dislodged (pulled from wall) or the frontplate is open.
Control panel power supply	Mains failure 230V AC	OFF		Standby status	Battery fault	OFF	Standby	
		Fault		230V AC Mains failure.		Fault		Backup battery empty or disconnected.

Table A-14: Anti-intrusion objects

Object	Status	Value	Icon	Notes
Reader	Peripheral present	YES		Standby status
		NO		The peripheral has not been enrolled on the control panel.
	Peripheral Loss	NO	Standby	
		YES		The peripheral has been enrolled on the control panel but is not connected.
	Activation	Activated	Standby	
		Not activated		The peripheral has been disabled by a user.
	Tamper	No tamper	Standby	
		Tamper		















Object	Status	Value	Icon	Notes
Expansion	Peripheral present	YES		Standby status
		NO		The peripheral has not been enrolled on the control panel.
	Peripheral Loss	NO	Standby	
		YES		The peripheral has been enrolled on the control panel but is not connected.
	Tamper	No tamper	Standby	
		Tamper		








Object	Status	Value	Icon	Notes
Keypad	Peripheral present	YES		Standby status
		NO		The peripheral has not been enrolled on the control panel.
	Peripheral Loss	NO	Standby	
		YES		The peripheral has been enrolled on the control panel but is not connected.
	Activation	Activated	Standby	
		Not activated		The peripheral has been disabled by a user.
	Tamper	No tamper	Standby	
		Tamper		

Object	Status	Value	Icon	Notes
Output	Activation	NO		Standby status
		YES		The output has been activated.

Object	Status	Value	Icon
Home-automation module	Roller blind open status	Closed	
		1/4 open	
		1/2 open	
		3/4 open	
		Open	

Table A-14: Anti-intrusion objects

Object	Status	Value	Icon	Notes
Partition	Arm/Disarm operations	Disarm		Standby status
		Away		Partition arming mode.
		Stay		
		Instant		
	Tamper	No tamper		
		Tamper		Partition tamper active.
	Alarm	Not activated		
		Activated		Alarm signalling active.
	Tamper memory	No tamper		
		Tamper		Partition tamper has been detected.
	Alarm memory	Not activated		
		Activated		An alarm has been signalled.
	Enable automatic arming	NO		
		YES		The partition is enabled for automatic arming.

Object	Status	Value	Icon	Notes
Terminal	Zone bypass	NO		Standby status
		YES		The zone has been bypassed (disabled).
	Zone in test mode.	NO	Standby	
		YES		The zone is in test mode.
	Tamper	NO	Standby	
		YES		Zone tamper is active.
	Alarm	NO	Standby	
		YES		Alarm signalling active.
	Tamper memory	NO	Standby	
		YES		Zone tamper has been detected.
	Alarm memory	NO	Standby	
		YES		An alarm has been signalled.

Commands

Appendix B

Table B-1: SmartLine control panels

Object	Command	Notes
Control panel status	Re-arm control panel	Command which clears all the active events on the control panel, deletes the memory and resets the system to standby status.
	Silence ON	Command which silences the silenceable outputs active at the time of the command.
	Silence OFF	Reactivates the silenced outputs.
	Evacuate	During active pre-alarm conditions, this command zeroes the running pre-alarm time and forces the control panel into immediate alarm status. If pre-alarm is not active, this command forces the control panel into immediate alarm status.
	Day mode	Command which puts the control panel in standard operating (day) mode.
	Night mode	Command which puts the control panel in night mode.
	Disable dialler	Commands which disable or enable the telephone dialler output.
	Enable dialler	
	Disable NAC control panel	Commands which disable or enable the "ALARM NAC" output of the control panel.
	Enable NAC control panel	
	Disable NAC expansion 1	Commands which disable or enable the "NAC" output of the respective expansion.
	Enable NAC expansion 1	
	Disable NAC expansion 2	
	Enable NAC expansion 2	
	Disable NAC expansion 3	
	Enable NAC expansion 3	
Disable NAC expansion 4		
Enable NAC expansion 4		
Conventional zone	Disable zone	Commands which disable or enable the selected conventional zone.
	Enable zone	
I/O zone	Disable zone	Commands which disable or enable the selected I/OI zone.
	Enable zone	

Table B-2: Analog-addressable fire control panels

Object	Command	Notes
Control panel operating mode	Day mode	Command which puts the control panel in standard operating (day) mode.
	Night mode	Command which puts the control panel in night mode.
Control panel status	Reset	Command which clears all the active events on the control panel, deletes the memory and resets the system to standby status.
	Silence	Command silences the silenceable outputs active at the time of the command.
	Investigation	Command which when activated during the pre-alarm time, places the alarm-delay time to the value set for the "investigate" time.
	Sounder/flasher ON	Commands which activate or deactivate the sounder/flashers.
	Sounder/flasher OFF	
Evacuate	The command which forces the control panel into alarm status.	

Table B-2: Analog-addressable fire control panels

Object	Command	Notes
NAC output	Disable output	Commands which disable or enable the selected output.
	Enable output	
	Start test	Commands which activate or deactivate the test mode.
	End test	
	ON output	Commands which activate or deactivate the selected output.
	OFF output	
Timers	OFF	Commands which activate or deactivate the selected timer.
	ON	
Zone	Disable zone	Commands which disable or enable the selected zone.
	Enable zone	
	Start test	Commands which activate or deactivate the test mode.
	End test	
Detector Point	Enable point	Commands which disable or enable the selected point.
	Disable point	
	Start test	Commands which activate or deactivate the test mode.
	End test	
	LED ON	Commands which activate or deactivate the LED of the selected point.
	LED OFF	
	ON output	Command which activates and deactivates the output of the selected point.
	OFF output	
	Info enquiry	Request for information update on the selected point.

Tabella B-3: Anti-intrusion control panels

Object	Command	Notes
Partition	Away mode	Commands for the selection of the operating mode of the selected partition.
	Stay Arm	
	Instant mode	
	Disarm	
	Partition reset	Clears the tamper and alarm memories of the selected partition and resets the system to standby status.
Terminal	Unbypass zone	Commands which unbypass or bypass the selected zone.
	Disable zone	
Output	Deactivate output	Commands which deactivate or activate the selected output.
	Activate output	

Notes



Inim Electronics S.r.l.
ISO 9001 Quality Management
certified by BSI with certificate number FM530352

Via dei Lavoratori 10, Località Centobuchi
63076 Montepandone (AP) - ITALY
Tel. +39 0735 705007_Fax +39 0735 704912

info@inim.it www.inim.it

