vivimat | Vision Color - 7

Vision Color - 7 User Manual

v.III_1.0

Consent certificate

Dinitel 2000, S.A.
Avda. Otaola 20, 20600 Eibar
Guipúzcoa, Spain

Certifies that the product

VISION COLOR - 7 TERMINAL

agrees with the guidelines EMC 89/336/CEE and BT 73/23/CEE

Applied rules:

Immunity:

•EN - 50081-1	Generic rule, interference emissions to residential, commercial and light industrial environments.

Emission:

•EN - 50082-1	Generic rule, interference immunity for the residential, commercial and light industrial environments.

Eibar, July 2011
Dinitel 2000, S.A.

SECURITY WARNINGS:

- Before installing a **vivimat**® home automation system for the first time, read carefully this instruction manual and keep it for later consults.

- Previously to the installation of a **vivimat**® home automation system, verify that the power supply goes with the indicated to the system (220Vac ~ 50Hz / 110Vac ~ 60Hz).

- The electrical security of the system is only guaranteed in case of it is connected to an efficient ground installation.

- The **vivimat**® home automation system lacks of a protection against over voltages that can enter via the phone line, for example lightning. To avoid they may affect the system, is recommendable the use of filters.

- In case of a breakdown and/or wrong functioning of a **vivimat**® home automation system, do not try to fix it by yourself. Get in contact with the after-sales technical support authorized by the manufacturer, or call to 902 11 12 20.

- Do not use the elements of the **vivimat**® home automation system with wet or damp hands or feet.

- If you leave your home for a longer period, e.g. more than one week, it is advisable to cut the contact of the elements controlled by the home automation system which are not essential for the maintenance or safety of the housing (heating, lighting, appliances, etc.)., unless the manufacturer of the equipment recommends the contrary.

- In any case, using the control via the home automation system please make sure to leave the controlled elements in the manual mode and with the reference OFF.
In the concrete case of the heating, select the mode off and if you do not control the air conditioning through the home automation system, leave the circuit in the summer mode.

INFORMATION FOR THE CORRECT MANAGEMENT OF THE WASTE OF ELECTRIC AND ELECTRONIC APPLIANCES

In the European Union, this label means that the elimination of this product can not be made together the domestic waste. It must be deposited in an appropriate installation for recovery and recycling. Because of this, at the end of its useful life, the electric and electronic appliances that are part of a **vivimat**® home automation system must not be eliminated together the domestic waste.

In the section New Construction Support →User support → Recycle Vivimat of the web www.domotica-vivimat.com you will find information about the existing specific centres of selective collection, or who could help you for this service. In the moment of the delivery of this kind of devices to the centres of collection foreseen for its treatment apart from the urban waste, you will be contributing to avoid possible negative consequences to the environment and health derived from an inappropriate elimination and it will permit to recycle the materials they are made from, obtaining this way an important save of energy and resources.

1. Introduction

¡Congratulations! Your housing has got a **vivimat®** III home automation system.

The **vivimat®** III home automation systems have been developed as control systems for medium and small size installations, as private housings, commercial premises, offices, etc.

The **vivimat®** III systems allow to control the main features of the home automation: Security, control of the devices and illumination, HVAC and communications.

- Security: The Vivimat systems detect and notice you when there is a medical emergency, intrusion, fire, water or gas leak, system error, panic and/or coercion situation, cut of the electric and/or telephone supply and sabotage attempt.
- Control of the devices and illumination: The Vivimat systems can control lights, blinds, awnings, curtains, motorized doors, internal and external plugs, irrigations, etc.
- HVAC: The Vivimat systems can control the heating, the air conditioning and the HVAC systems.
- Communications: Just a call allows verifying and modifying the temperature, security, activating devices, etc. Furthermore, when there is an alarm, the Vivimat systems can call up to eight telephone numbers notifying the alarm, two of which can be to communicate with one alarm receiver central (ARC).
- Integrated video doorphone: Vivimat allows, adding the video doorphone management module, the integration of all the usual features of a video doorphone..

The following table shows the available features in **vivimat®** III.

FEATURES		
SECURITY		
	Presence detection	20 zones
	Sabotage detection	20 zones
	Fire detection	20 zones
	Gas detection	20 zones
	Gas supply cut detection	✓
	Flooding detection	20 zones
	Water supply cut detection	✓
	Panic / emergency alarm	✓
	Medical alarm	✓
	Silent alarm	✓
	Código de coacción	✓
	Detección error en comunicación	✓
	Simulación de presencia	Coming Soon

	Electric supply cut detection	✓
	Acoustic luminous signaling	✓
	Codes and configurable access levels	✓
	Proximity tags	✓
	Remote vision of the video vigilance cameras	Coming Soon
	Local vision of the video vigilance cameras	✓
	Talk / Listen	✓
COMUNICATION		
	Control screen Alphanumerical Touchable	✓ ✓ ✓
	Video doorphone	✓
	Spoken notices to mobile or land phones	✓
	Telephone telecontrol of the housing	✓
	Telecontrol via remote PC	Coming Soon
	Telecontrol via Internet	Coming Soon
	Telemaintenance of the system	Coming Soon
	Voice mail in the control screens	✓
	Communication of the alarms to the Alarm Receiver Central (ARC)	✓
	Expansion capacity of the system	✓
	Video doorphone feature in the screens (hands free)	✓
	Video doorphone integration in TVs	✓
	Control of the video doorphone from a internal telephone	✓
CONFORT AND ENERGY SAVING		
	Creation and control of scenes	20 scenes
	Creation and control of the hour programs	20 programs
	Illumination control	50 lights
	HVAC control	10 HVAC zones
	Plug control	20 plugs
	Irrigation control	10 irrigations

	Control of the motorized elements (blinds, awnings, curtains, and doors)	50 motors
	Control via IR remote control.	✓

The communication between the user and the **vivimat®** III home automation system can be carried out:

- Through the P-VISION-C7 terminals.
- By telephone (Telecontrol). The telephonic communication is carried out by a digitalized voice system guided through the different options available. The telephone must be multifrequence (DTMF).

Depending on the charge of the bus, certain features can be delayed some seconds

2

2. VISION COLOR - 7 screen

2.1 Description

The main screen provides basic information about the status of the system and it is the start point to the access of the features of the **vivimat®** home automation system.

The P-VISION-C7(X) is a color screen of 7'' that allows the user interacting with the **vivimat®** III controller board and power supply.

There are three screen models:

	P-VISION-C7 Basic	P-VISION-C7 Video	P-VISION-C7 Full
Ethernet connector	✗	✗	✓
Video input	✗	✓	✓

The P-VISION-C7(X) Full screen is the only one that can be connected to the internet. The P-VISION-C7 Full and P-VISION-C7 Video screens can reproduce the video that comes from the video doorphone or the cameras of the housing.

The main screen of the P-VISION-C7(X) screen is the following:

Below are explained the different parts of this screen.

2.1.1 Status bar

On the left side you can see the hour, day of the week and date and on the right side the temperature that measures the integrated sensor of the screen. In the center you see the icons that provide additional information about the status of the system.

Icons shown in the status bar:

Intrusion alarm turned on in the total mode.

Intrusion alarm turned on in the partial mode.

Intrusion alarm turned on in the perimeter mode.

There are new messages.

It indicates the level of the battery when it is supplying the system.

Message on blackboard.

Volume. It indicates the volume level.

2.1.2 Quick accesses

On the bottom of the screen there is a bar with the quick accesses, through which keys you can accede to different features of the system.

To go back to the main screen you must push the button:

SOS Keeping pressed this key about 5 seconds, the user causes a panic alarm.

It shows more quick accesses. (Left)

It shows more quick accesses. (Right)

To go back to the main screen. (Start)

To go to the screen with the video image of the video doorphone and the controls of Open, Talk, Turn up/down the volume. (Doorphone)

It shows the screen of the password to accede to the turn on of the system in the three possible modes. (Security)

It allows carrying out scenes quickly. (Scenes)

You go to the screen that allows reproducing or recording messages in the voice mail. (Messages)

It takes you to the configuration menu. (Configure)

It accedes to the screen that shows the HVAC zones and allows changing the running mode and the wanted temperature. (Climatización)

It shows the cameras connected to the system. If you are seeing an image of the door station of the video doorphone it allows starting the communication with it. (Cameras)

It shows the hour programs configured in the system. These programs can be modified and you can create new ones. (Hour programs)

It accedes to the screen that shows the 24H alarms that can be activated or deactivated. (Alarms)

Events memory. (History)

It sets the screen in the function of the picture frame. If you touch the screen again, it goes back to the previous situation. (Photos)

You can write messages with the pencil. (Blackboard)

It is possible to modify the order of the keys. See the section 2.5.3. Buttons.

2.1.3 Main area

It is placed in the center of the screen and allows visualizing the different plans or menus that you can accede.

2.2 Concept of the zone term

The **vivimat®** III home automation systems divide the area that supervise or control (housing, office, etc.) in smaller control areas called zoned. Moreover, if the controlled area is divided in floors, **vivimat®** III allows the separated visualization of the zones that belong to other zones. See the section 2.3 Navigation based on plans.

For example, a housing of one floor can be divided in 4 zones: living room, kitchen, bedroom 1 and bedroom 2. The number of zones will depend on the housing and the needs or preferences of the user. In any case, the determination of the number of zo-

nes is carried out by the installer through**vivimat®** Project, not being modifiable by the user. **vivimat®** III can control 20 zones divided in up to 4 floors. Each floor must have at least one zone. Unlike the previous versions, **vivimat®** III does not manage the HVAC zones, but HVAC units. One HVAC unit is places in one zone of the housing, to can accede to the configurable parameters, but this can be associated to more than one zone of the housing. See section 4 HVAC.

2.3 Navigation based on plans

The most intuitive way to interact with the home automation system is through the visualization of the plans (or pictures) that represent the different rooms of the housing.

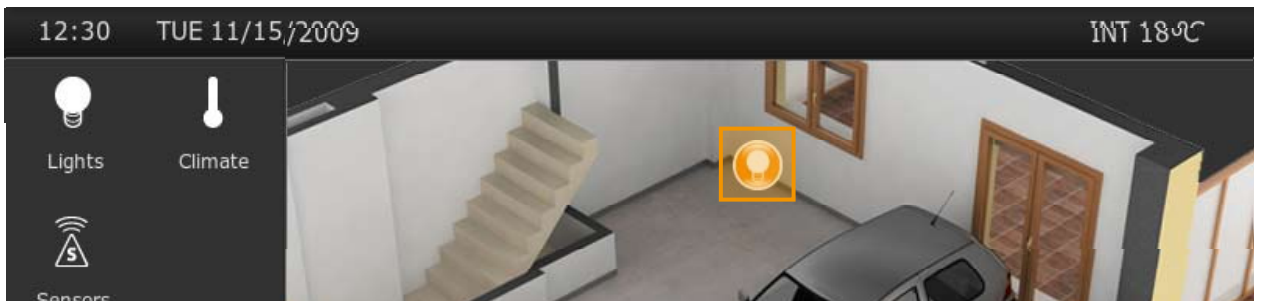
On the left side of the main Area ypu can see the floors of the housing, which can be up to 4. Pushing in each floor you will see the zones that belong to each floor, identified with a symbol

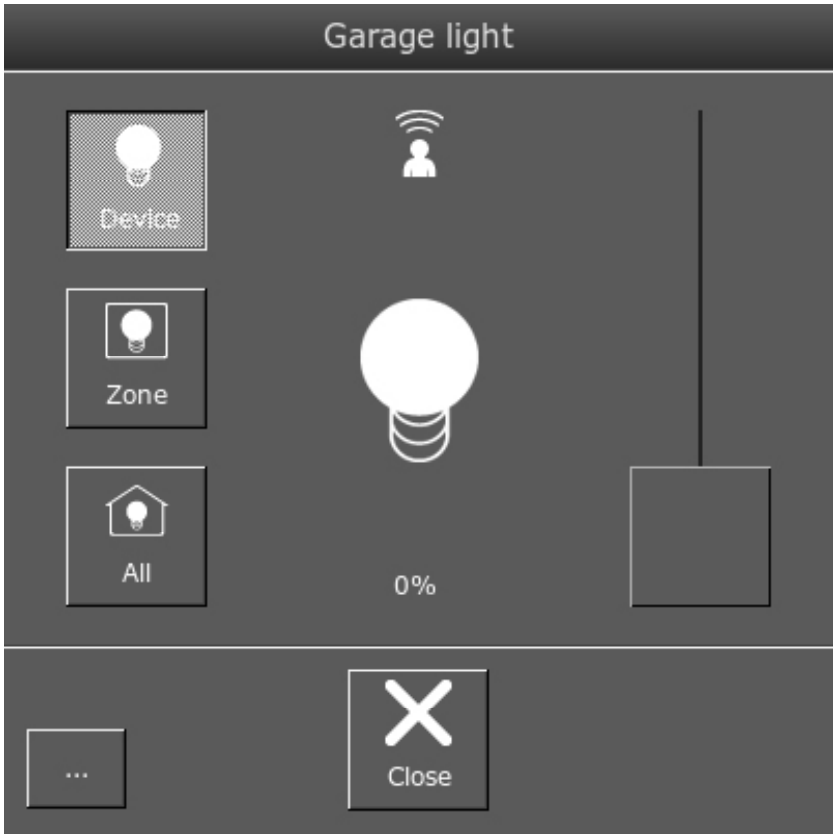
When you select a zone, its image is shown. In the menu of the left are shown the elements controlled by the home automation system in the selected zone.

Selecting the different buttons that indicate the controlled elements, they will appear superimposed in the plan of the zone the icons that indicate the location of the elements.

For example, when you push the lights icon of the left side, you will see all the lights that belong to that zone.

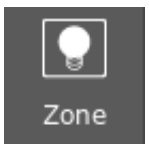
Following with the example, when you push on the icon of the light that appears on the plan of the zone, a menu that allows controlling the element and carrying out configurations will open.





From here you can control the selected light, the controlled lights that belong to that zone or all the lights controlled by the home automation system in all the housing.

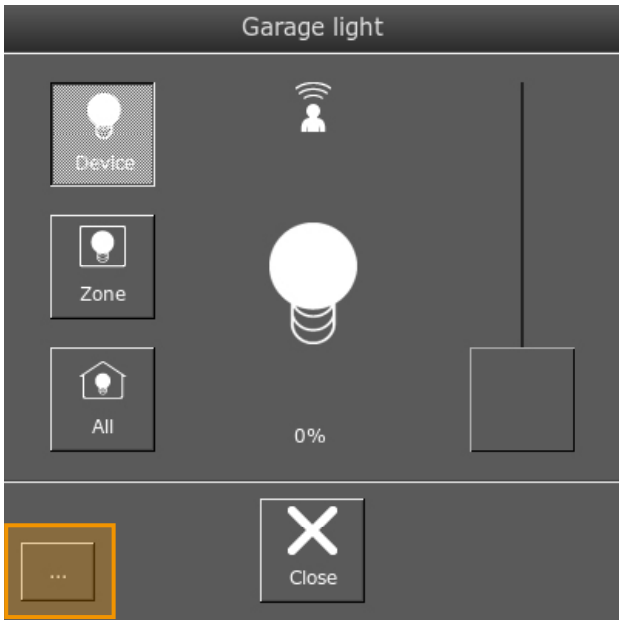
Select light



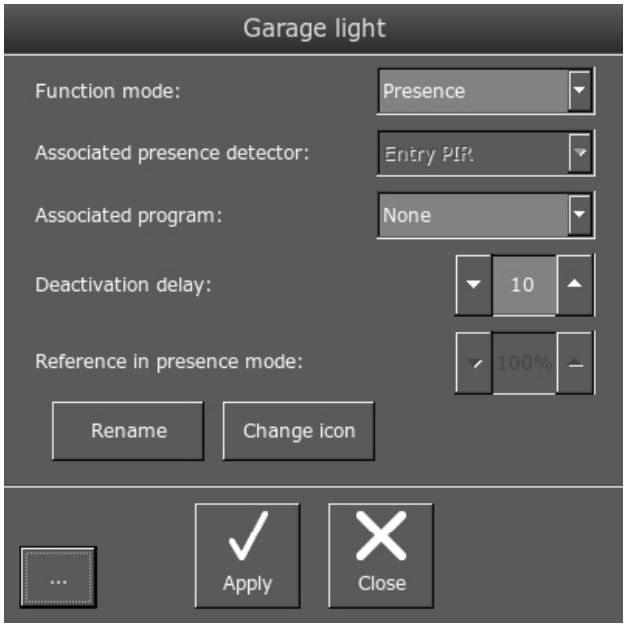
Lights of the same zone

All lights controlled

To less usual operations as establish the program of the lights, or associate the switch on to a presence detector, you have to push on the icon of the left bottom corner, where you accede to an advanced menu with all the configuration options.



To enter to this menu, the user must be identified with the password, and it has to have a medium or high access level. See section 14. USERS.



The **vivimat®** system allows controlling and configuring the following elements through the plan navigation:

- Illumination
- HVAC
- Devices
- Blinds
- Curtains
- Doors
- Irrigation
- Awnings
- Sensors

See the section 3. CONTROLLED ELEMENTS.

2.4 Quick accesses

There are control actions that are not associated to a device that is in a zone of the plan, but they have relationship with the home automation system: for example, to turn on/off a fire alarm, create an scene, etc. You can go to these options through the configurable quick access icons of the bottom of the screen.

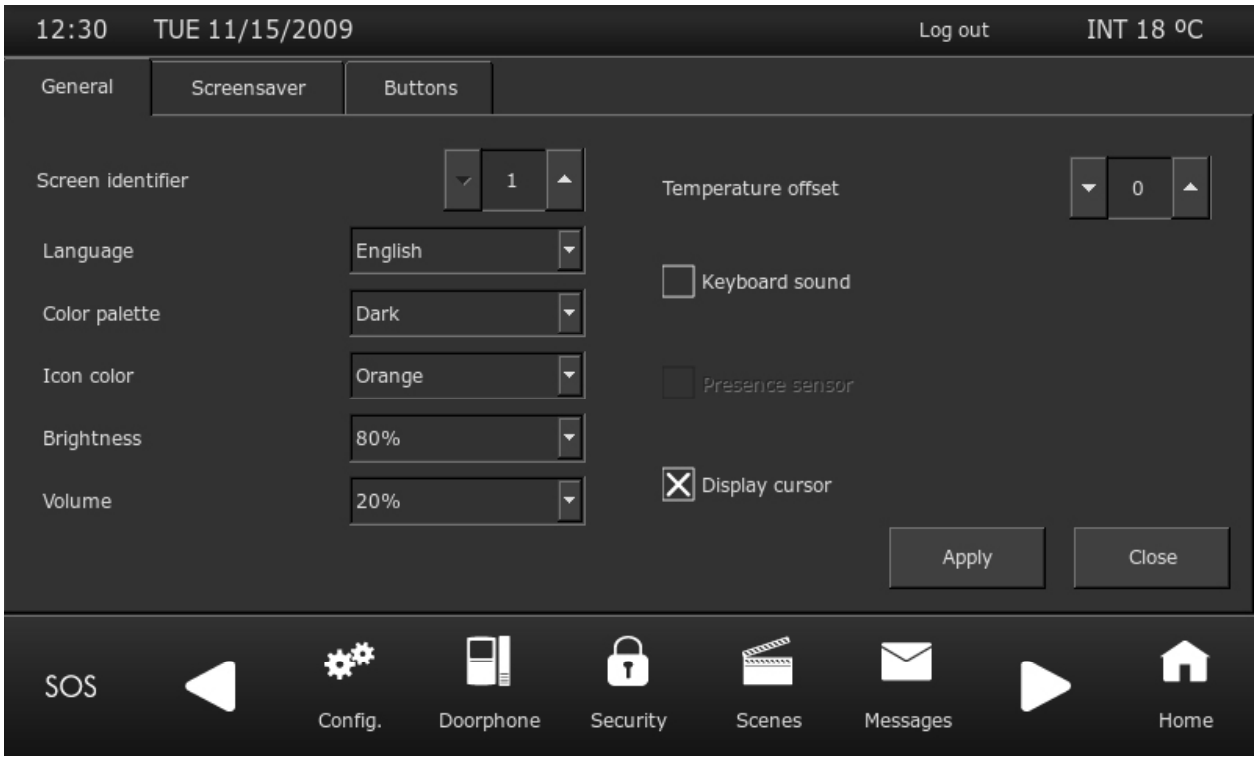
The *Configure* icon allows configuring all the elements that manages the home automation system. In this manual, this menu is referred in many times.

2.5 Configuration of the screen

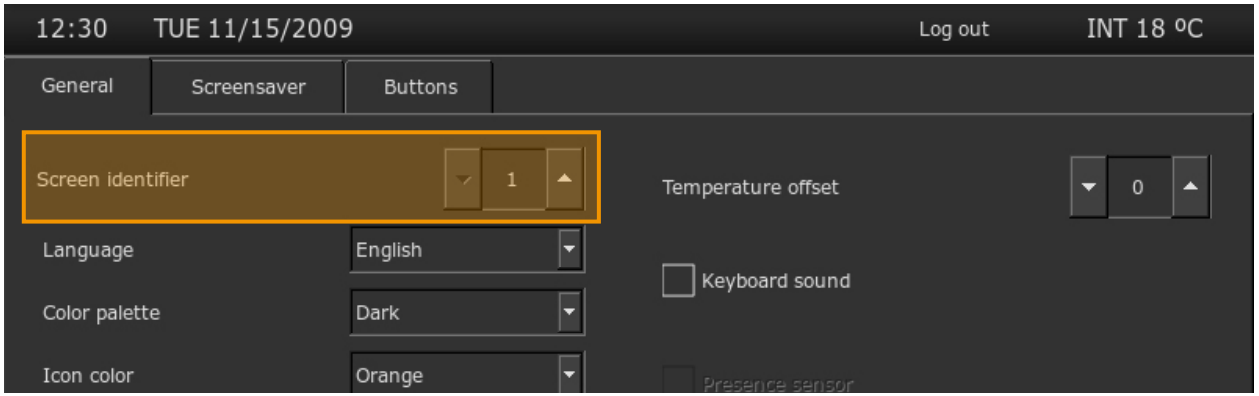
The system allows configuring different parameters of the screen, related with its appearance, language, etc.
You can go there pushing *Configure* ⟶ *Screen*.

2.5.1 General

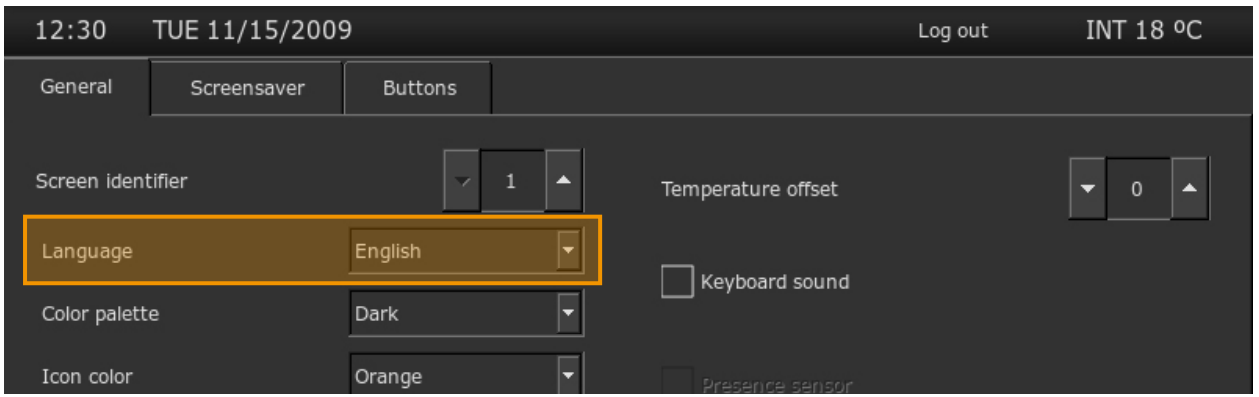
When pushing the icon *Screen* it appears the *General* tab.



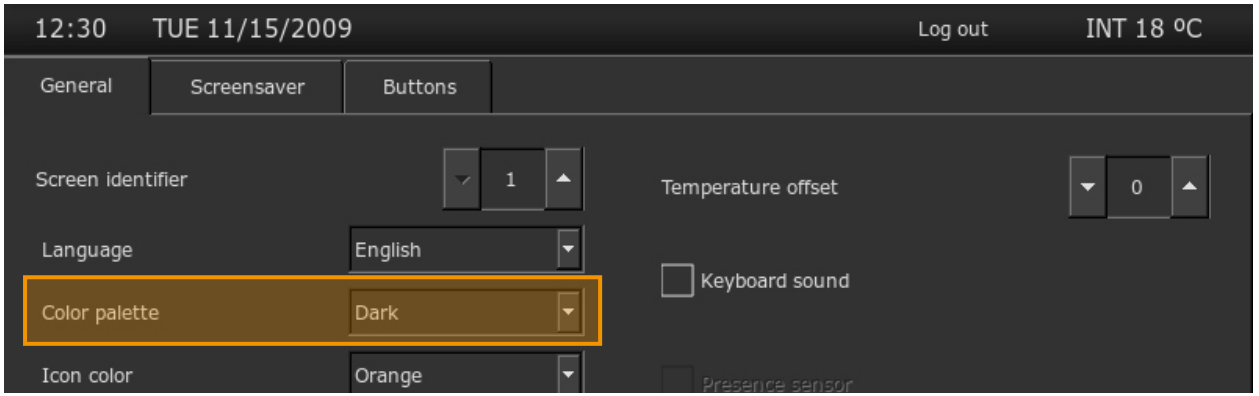
Screen identifier: It allows modifying the identification of a screen. Each of the screens connected to the home automation system, up to 3, must have a unique identifier that will be a number from 1 to 3.



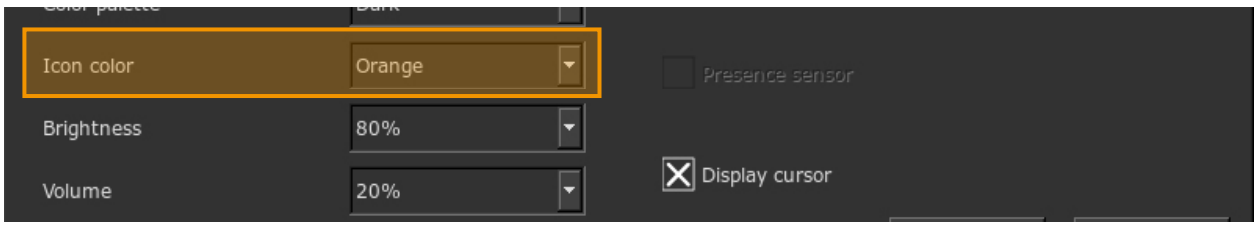
Language: It allows selecting the language of the texts that appear in the screen and of the voice messages used in the telecontrol and alarm notices. All the screens of the housing work with the same language, when you modify the language in one of them, the change affects in all of them. This language is the one used in the telecontrol and the alarm notices.



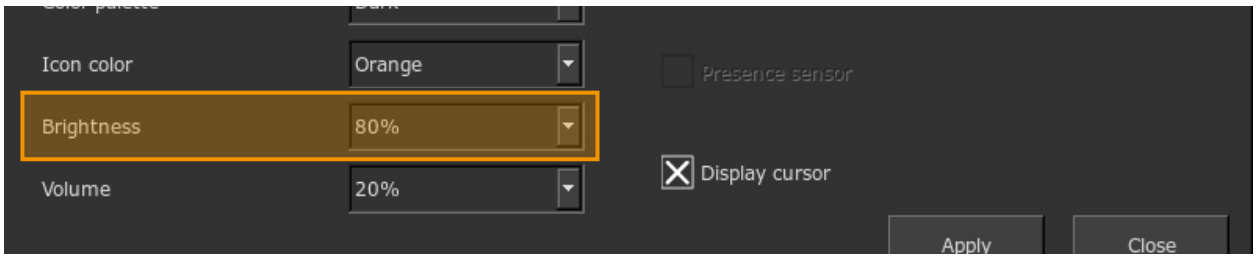
Palette: It allows selecting the color of the back side of the screen and the elements of the menus.



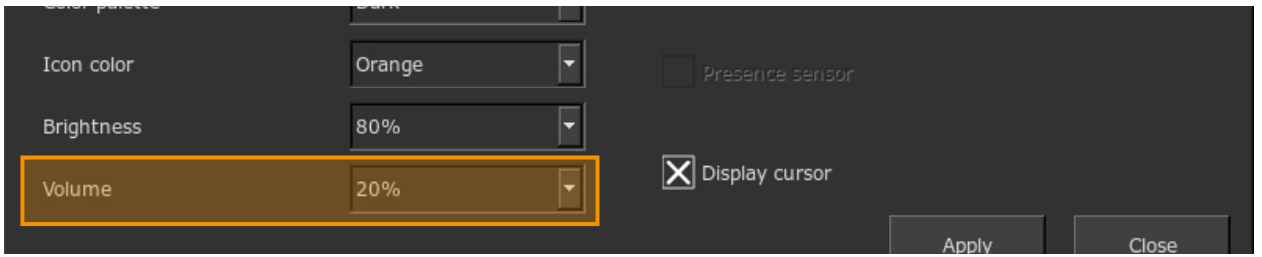
Color of the icons: It allows selecting the color of the icons of the elements that appear in the plan navigation. Taking as an example the awnings, the icons available in different colors:



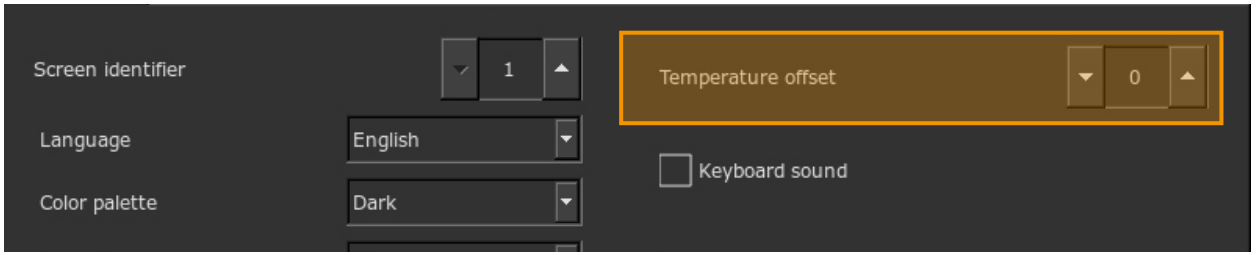
Brightness: It allows adjusting the brightness of the screen.



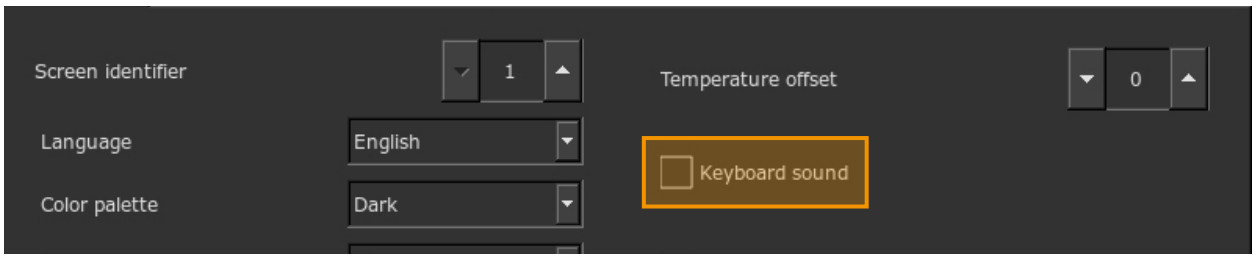
Volume: It allows adjusting the volume of the screen as a % of the maximum.



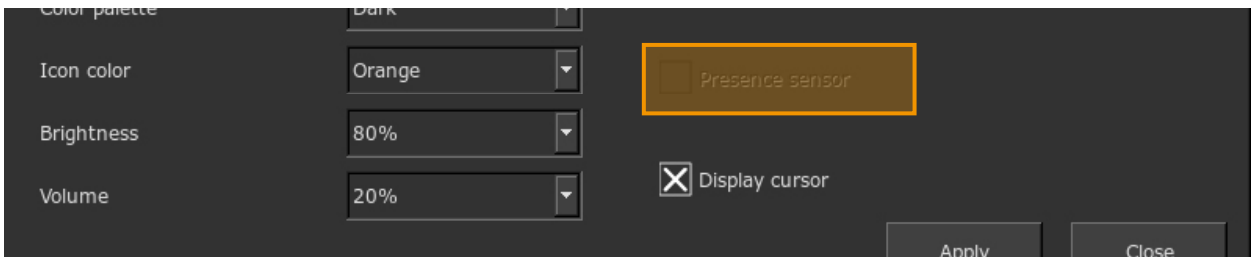
Offset of the temperature: It allows configuring a value between -10 y 10 to adjust the temperature in the screen to the real one of the housing.



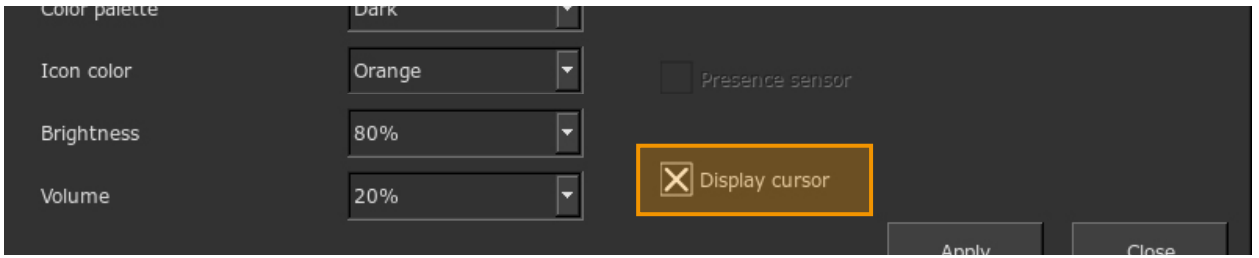
Keyboard sound: It allows activating or deactivating the beep emitted from the screen every time that you push an element of the touch screen.



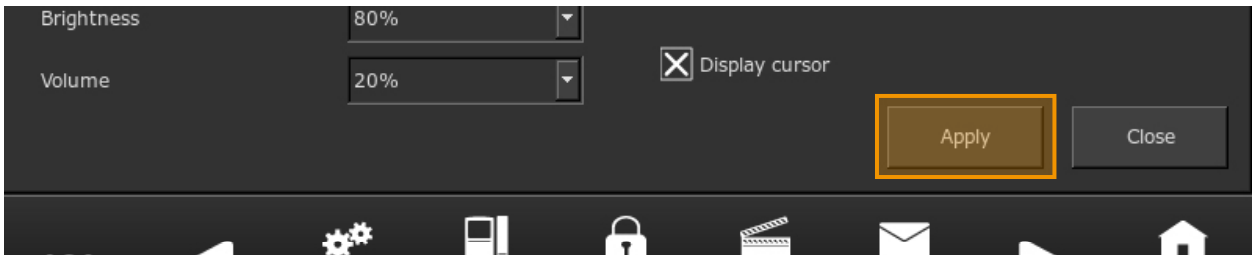
Presence sensor: It allows activating or deactivating the backlight of the screen when the user is near of it and is detected by the presence sensor integrated in the screen.



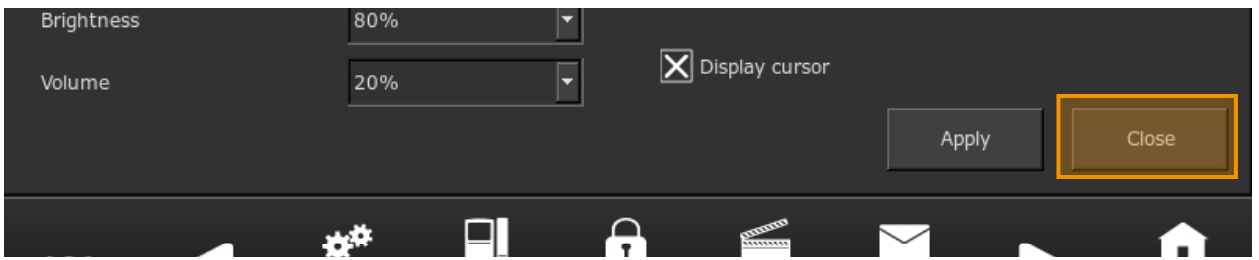
Show cursor: It allows showing or hiding the pointer of the screen.



To validate the changes you must push *Apply* and you will go back to the main screen.

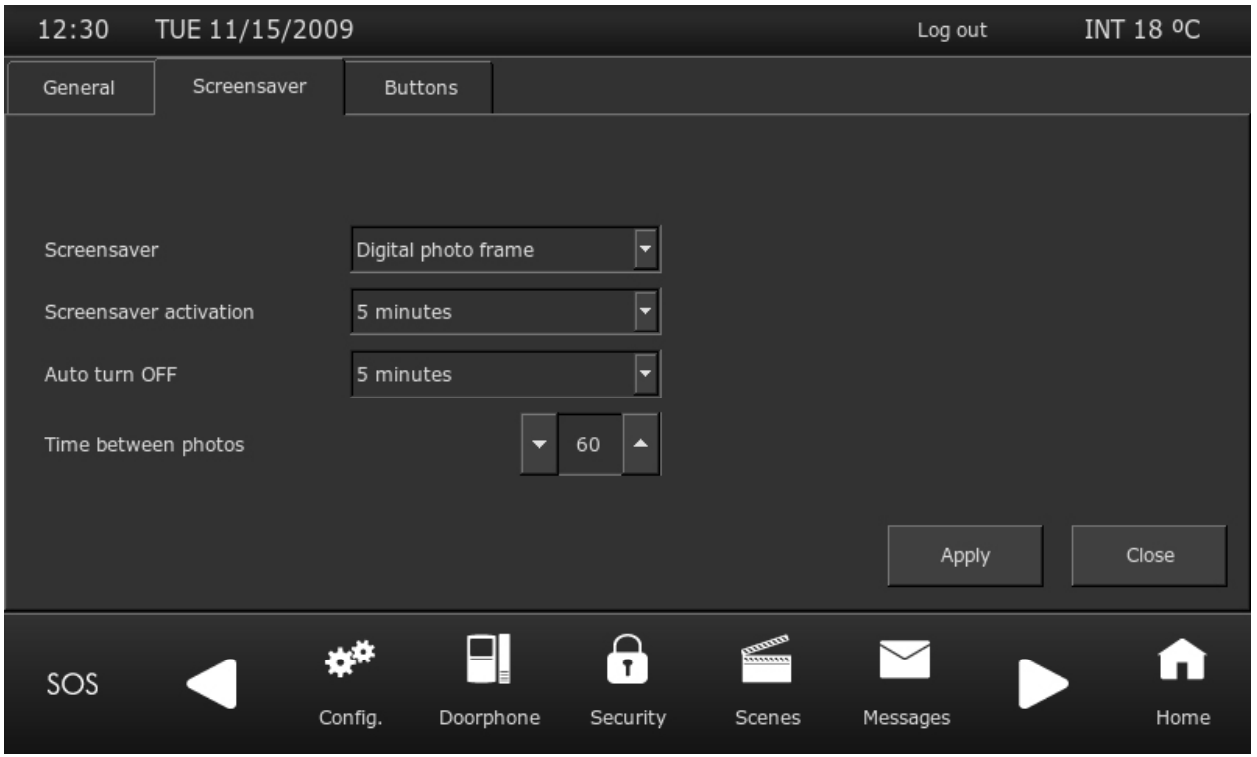


Pushing *Close* the changes will not be applied and you go back to the previous configuration menu.

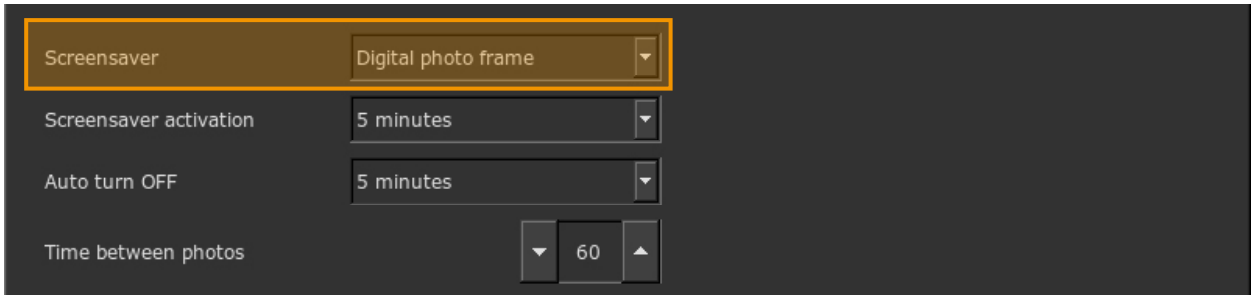


2.5.2 Screensaver

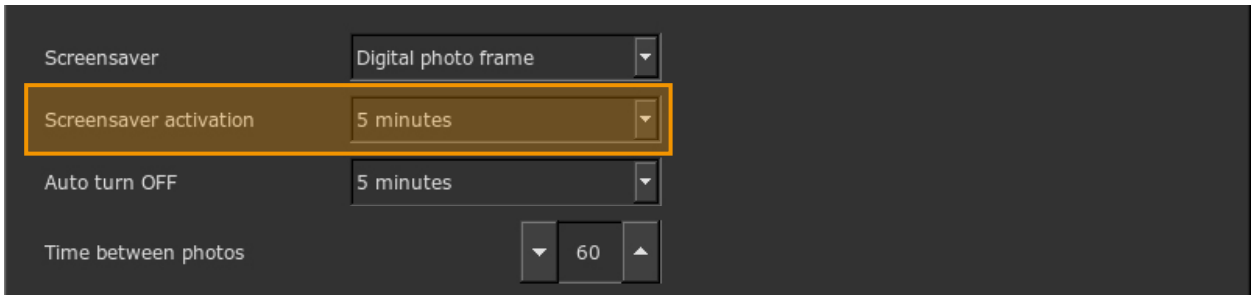
Screensaver tab:



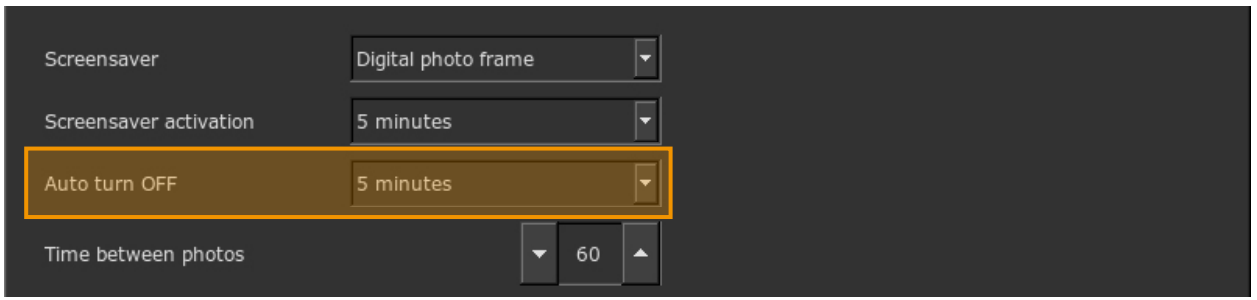
Screensaver: It allows activating or deactivating the screensaver. If you select the option ***Digital picture frame***, the pictures will be shown sequentially. See the section 12 DIGITAL PICTURE FRAME.



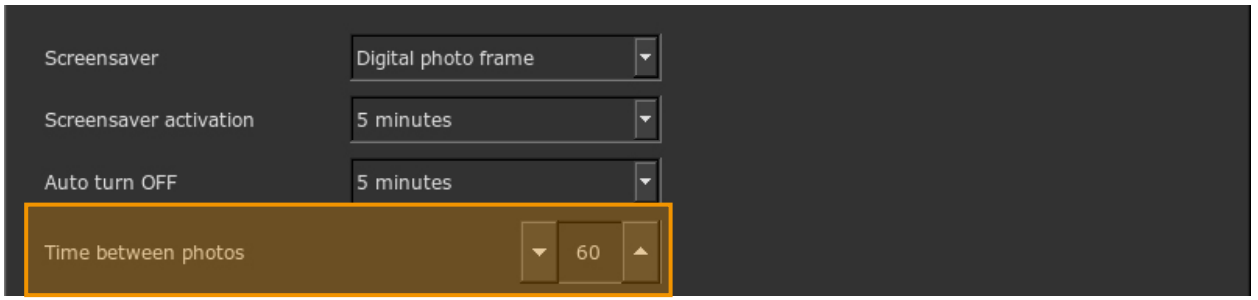
Screensaver activation: In case of activating the screensaver, you can choose the time that has to go by without touching the screen before the screensaver is active.



Auto switch off: It is a way to save energy with the screen. You can choose the time that has to go by after the last touch until the backlight of the TFT is off. It goes back to the normal situation when someone touches the screen again.



Time between pictures: In case of having selected the Digital picture frame as the screensaver, you can choose the time that each picture will be shown.



2.5.3 Buttons

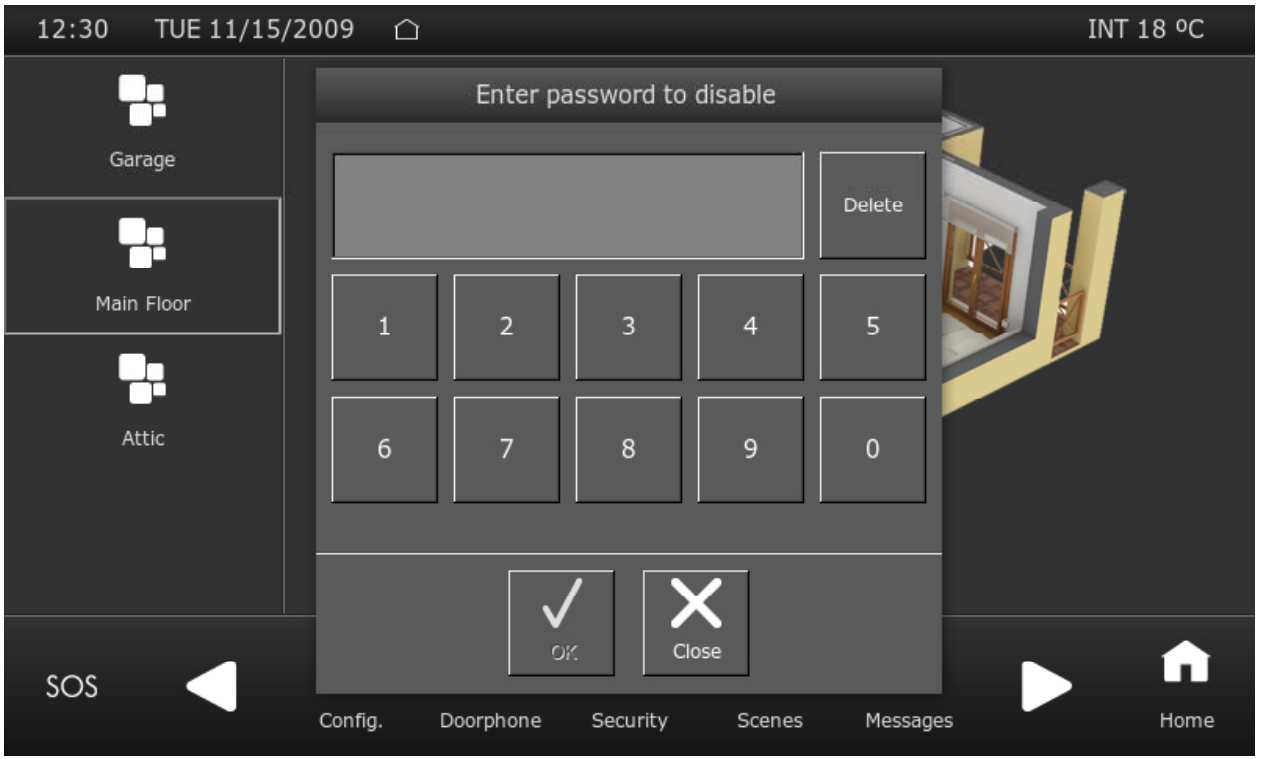
It allows selecting the order from left to right that the Quick Accesses will appear in the bottom bar. In the first position will always appear *Configure*, and it is not modifiable, so you can only select the positions after the second one.

Buttons tab:

2.6 Numerical and alphanumerical keyboard

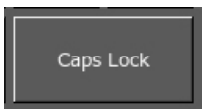
When a data must be entered to the screen, there a re two keyboards to it.

Numerical keyboard: It allows entering the numerical data. For example: When the screen asks to enter the password to turn off the intrusion alarm.



Alphanumerical keyboard: It allows entering letters, numbers and symbols. For example: To change the name of a zone.

Shows more characters and symbols.



Changes alternatively the characters to capital letters or lower case letters.

2.7 Acces levels

The access level is the capacity of a user to be able to accede to the different menus. Each user has to have assigned a determined access level. When the home automation system asks the password to accede to an option, only those who have the proper access level will be able to it.

A password to the system is a number of 4 digits (0000 a 9999).

There are four access levels:

- Low level
- Medium level
- High level
- Master level

The system in standby, allows everyone interacting with it, having a low access level. It is allowed:

- The plan navigation and acting on the elements controlled by the system.
- Carry out scenes
- Reproduce messages
- Use the video doorphone
- Visualize the cameras
- Use the blackboard
- Digital picture frame

In the other features of the system, a password is asked. When a medium level password is entered, it is allowed:

- To carry out actions allowed to a low level user
- To create / modify scenes
- To create / modify programs
- Configuration of the video doorphone
- Configuration of the remote control
- To accede to the configuration of the elements controlled by the system in the plan navigation

When a high level password is entered, it is allowed:

- To carry out actions allowed to a medium level user
- Configuration of the alarms
- To see the history events
- Configuration of the security
- Configuration of the telephony
- To modify date/hour
- Configuration of the screen

When a master level password is entered, it is allowed:

- To carry out actions allowed to a high level user
- Configuration of the users
- Configuration of the system

There also exists the installer level but it is not assignable to a final user. The password is assigned to the installer from **vivimat®** Project. To this user is allowed:

1. T carry out actions allowed to a master level user
2. To configure ARC and the ARC notices to the alarms
3. To configure the system: import files, export files, update firmware.
4. To activate / deactivate the coercion and sabotage alarms.
5. To modify the sensors associated to lights, irrigations and HVAC units.
6. To activate / deactivate sensors.

In order to an installer has access to the system, it is necessary to enter a master level password previously.

Once introduced the user's password, the system creates a session so the system does not ask the password to the same level features. If the user wants to accede to an option that its level does not permit, the system asks a password of the needed level.

The sessions remain active while the user interacts with the system. In the top status bar there is a button that allows the user to close the session. The session also closes after two minutes of inactivity.

3

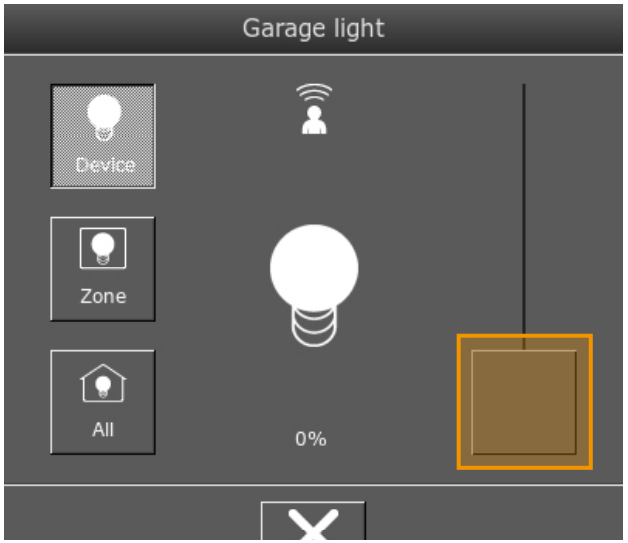
3. Controlled elements

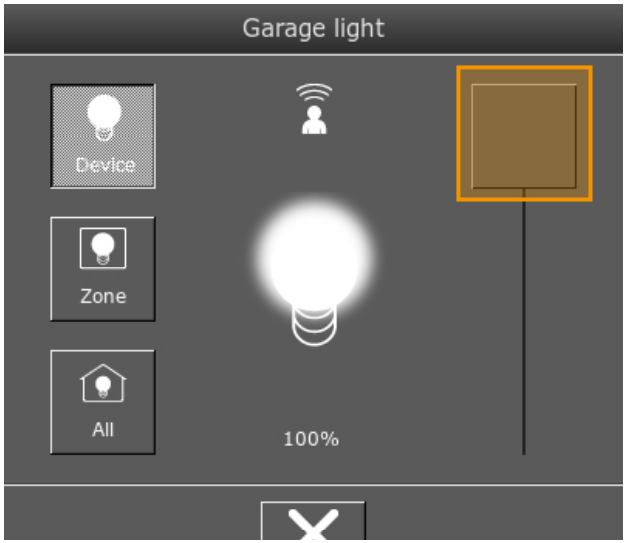
3.1 Ilumination

Pushing on one light icon in a determined zone of the housing, you accede to the illumination menu of the selected light, and you will be able to exit from there pushing ***Close***. See the section 2.2 About the access to the floors and zones.

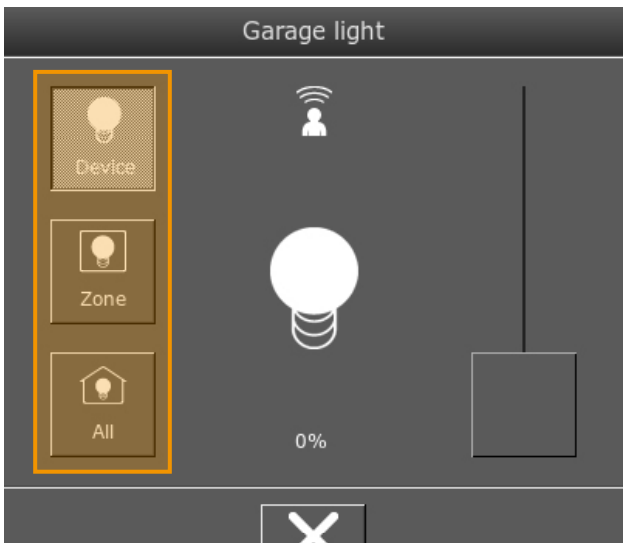
Dragging from the bottom to the top the square of the right you can regulate the intensity of the light for the regulated lights, and also allows switching it on/off in case of the ON / OFF lights.

The ON position is the one in the top, and OFF the one in the bottom.



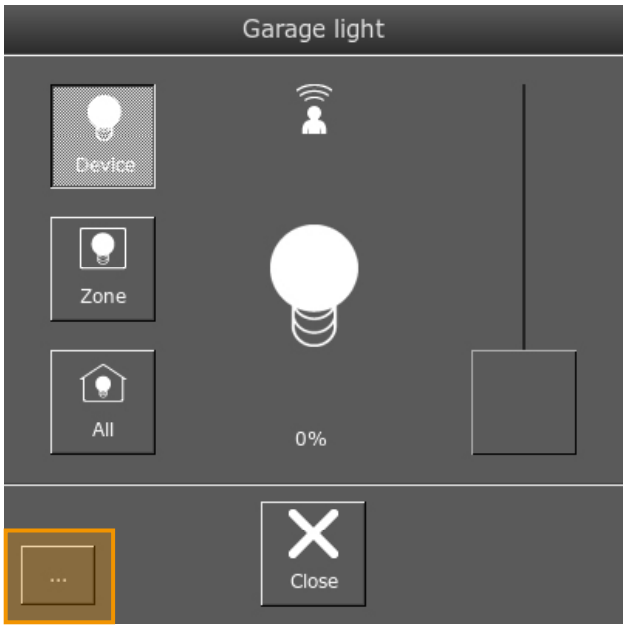


The three buttons of the left side allow selecting if the order is only for the selected light (top), for all the controlled lights of the zone where there is the light (medium), or for all the lights of the housing (bottom).



When the system acts on more than one light in the same time, even if there are dimmed lights, the possible regulation orders are only 0% (switch off) or 100% (switch on).

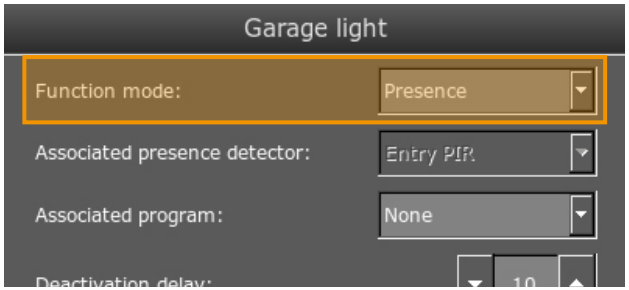
Pushing on the button of the left bottom corner you will see the advanced menu of the configuration of the light.



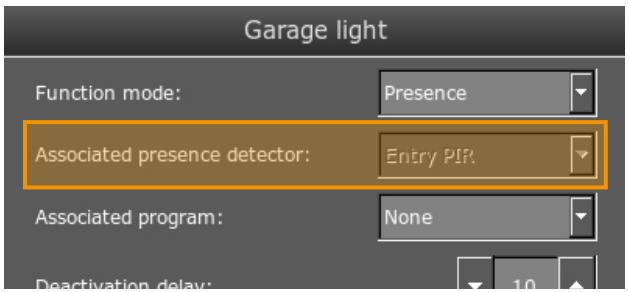
Function mode:

- **Manual:** The intensity of the light is regulated directly.
- **Program:** The light is switched on / off automatically in the selected hours. In order to make this option available, there must be a program associated to the light.
- **Presence:** The switch on of the light is associated to the activation of a presence sensor. In order to make this option available, there must be a presence sensor associated to the light.
- **Twilight::** The light is switched on when the twilight sensor of the housing detects that the light level is low.
- **Pres+Crep:** It is a combination of the Presence and Twilight modes. The light is switched on when the presence sensor is active and also the twilight sensor detects that the light level is low. In order to make this option available, there must be a presence sensor associated to the light.

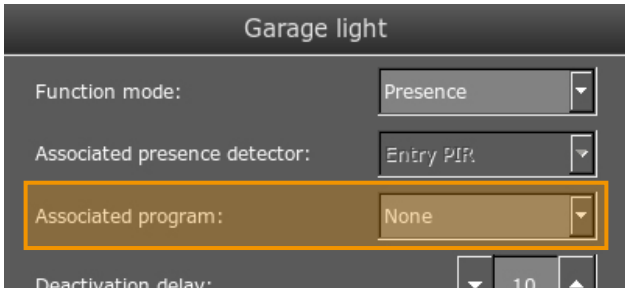
- **Pres+Prog:** It is a combination of the Presence and Program modes. The light is switched on in determined time slots only if the associated presence sensor detects something. In order to make this option available, there must be a presence sensor and a program associated to the light.



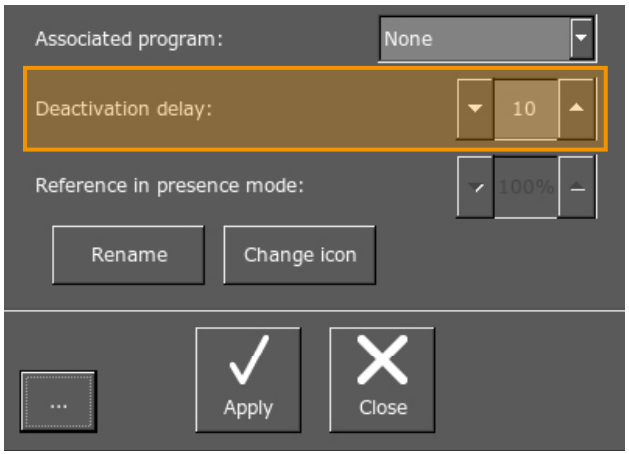
Associated presence sensor: It allows selecting a presence sensor of the list to associate it with the light. It is necessary for the Presence, Pres+Twilight and Pres.+Prog. modes. Only the installer will be able to modify this parameter.



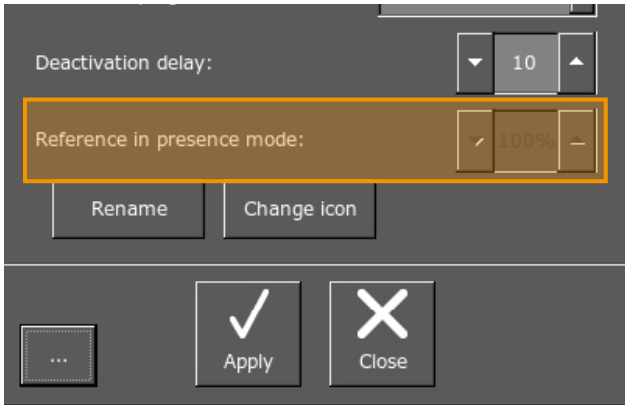
Associated program: It allows selecting a program of the list to associate it with the light. It is necessary for the Presence and Pres.+Prog. modes.



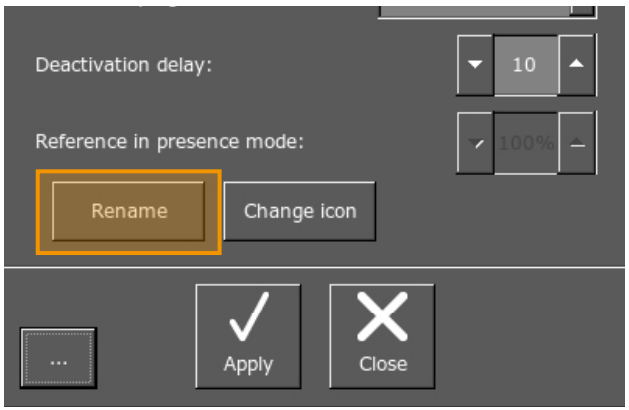
Delay to the deactivation: In the Presence, Pres+Twilight and Pres.+Prog. modes, it is the time (in seconds) that passes the light before it switches off, after it does not detect presence.



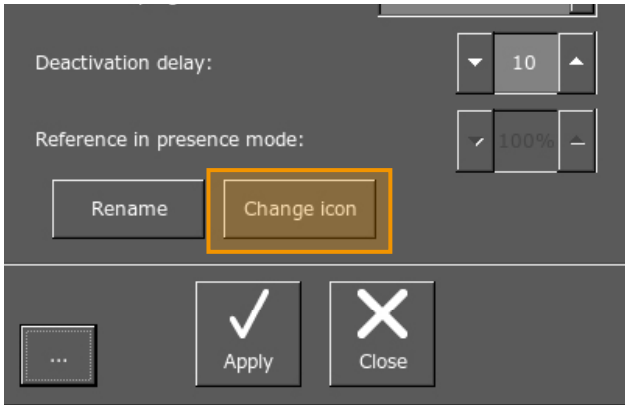
Reference value in presence mode: It determines the intensity level that the adjustable light switches on in the Presence, Pres+Twilight and Pres.+Prog. modes. When the light is of a ON / OFF type, this field is inactive.



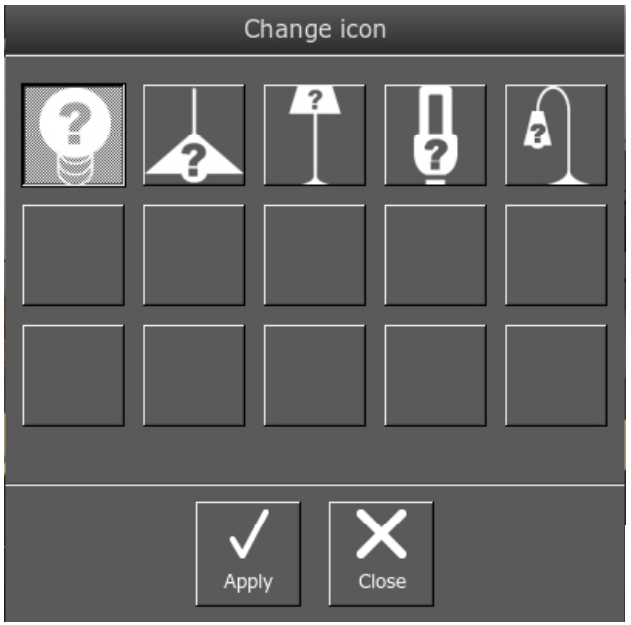
Rename: Allows changing the name of the light through the alphanumerical keyboard. See the section 2.4. Numeric and alpha-numerical keyboard.



Change icon: Allows modifying the view of the element in the shown elements, as weel as in the shown in the menus.

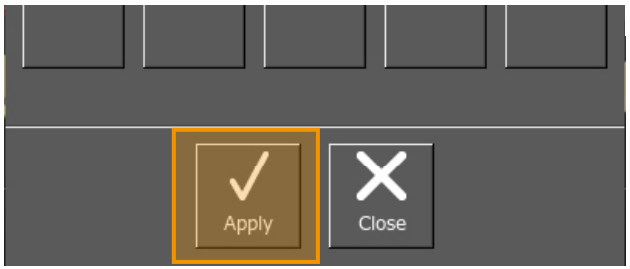

Deactivation delay:
10
Reference in presence mode:
100%
Rename
Change icon
...
Apply
Close

Next screen:

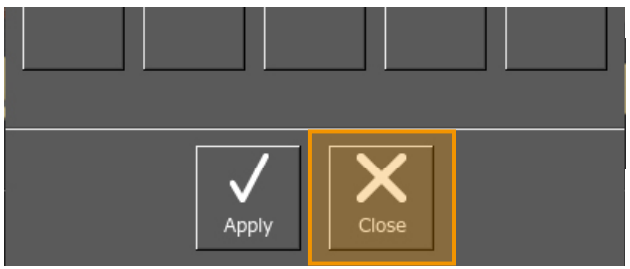

Change icon
Apply
Close

Available icons:

In order to validate the changes carried out, push ***Apply:***

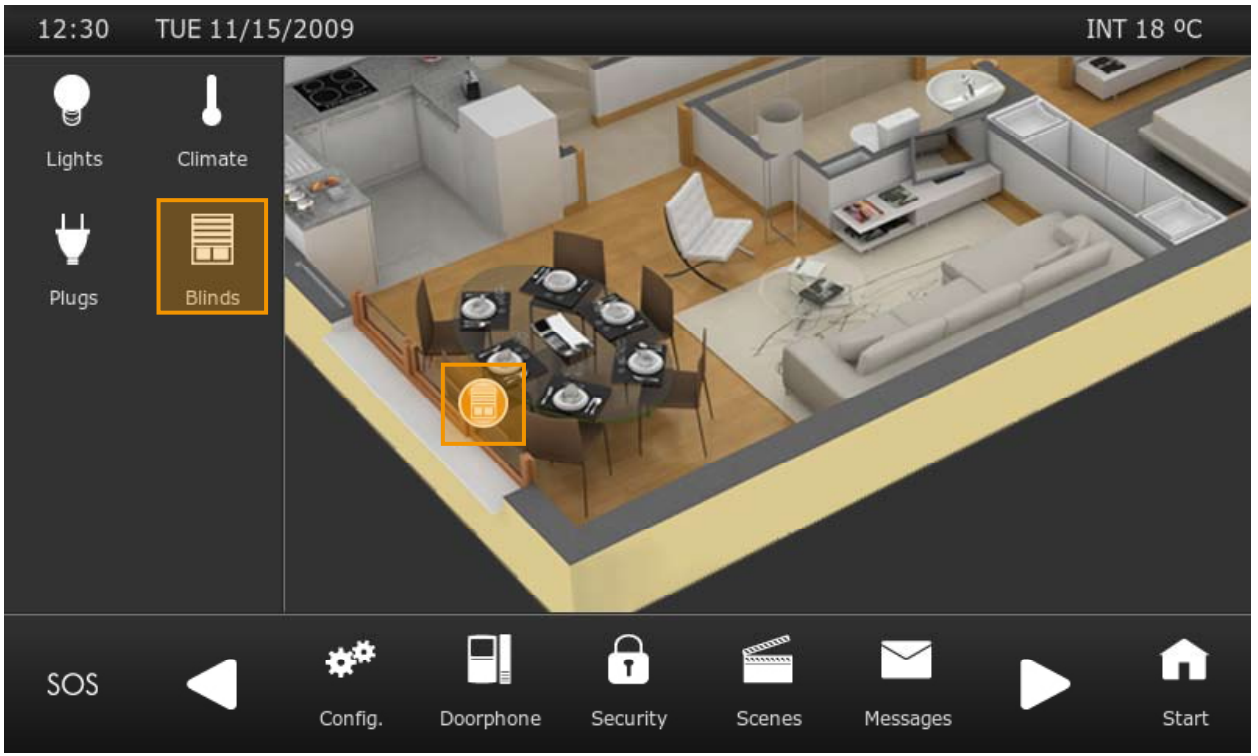


If you do not want to validate the changes, push ***Close:***

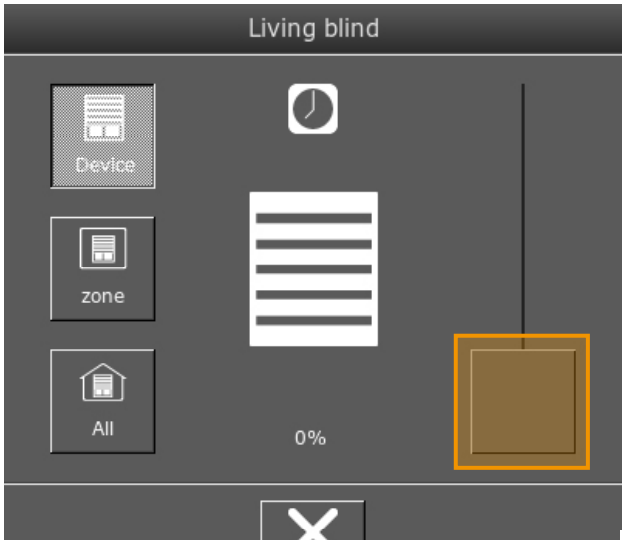


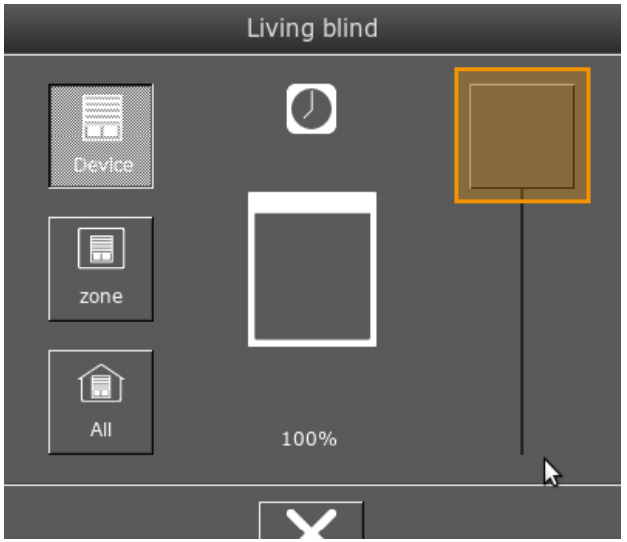
3.2 Blinds

Pushing on a blinds icon in a determined zone of the housing, you will go to the blinds menu, where you will be able exit pushing the access to the floors and zones. See the section 2.3 Navigation based on plans.

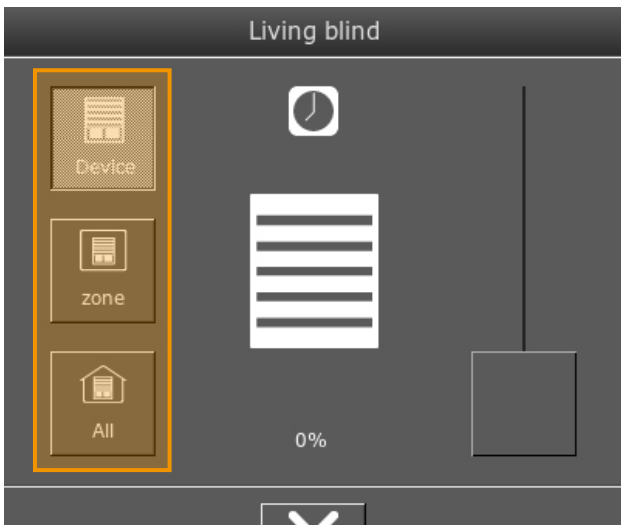


Dragging from the bottom to the top on the square of the right, you can raise or lower the blind. If the blind has got a positional control you can select a determined height, always in intervals of 20%, being 0% lowered y 100% totally raised.



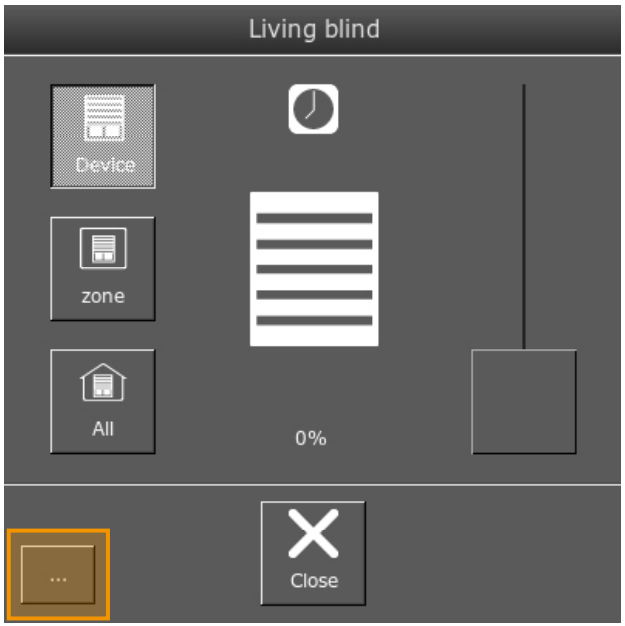


The three buttons of the left side allow selecting if the order is only for the selected blind (top), for all the blinds controlled in the zone (medium), or for all the blinds of the housing (bottom).



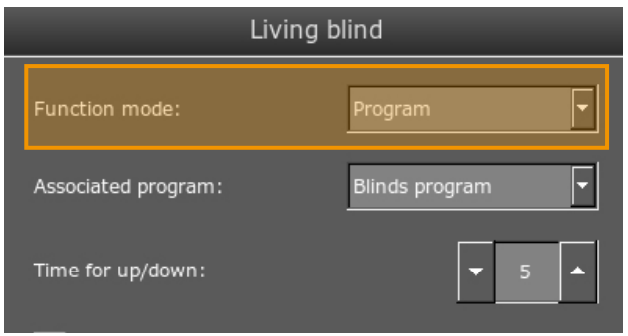
When the system acts on the blinds of the zone, all the housing, or it is a group of blinds, the only possible orders will be 0% (lower), the position of the square under the line, or 100% (raise), position of the square on the top.

Pushing on the button of the left bottom corner you will see the advanced menu to configure the blinds. You must be identified as a medium or high level user to enter in the advanced configuration.

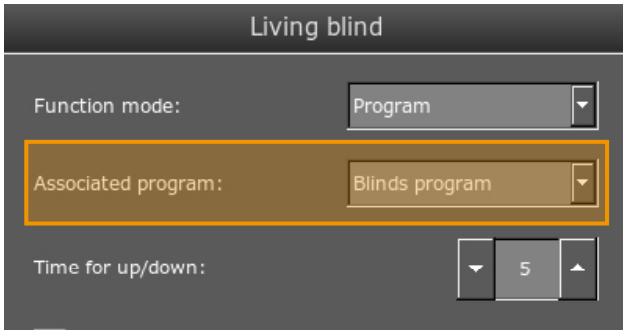


Function mode:

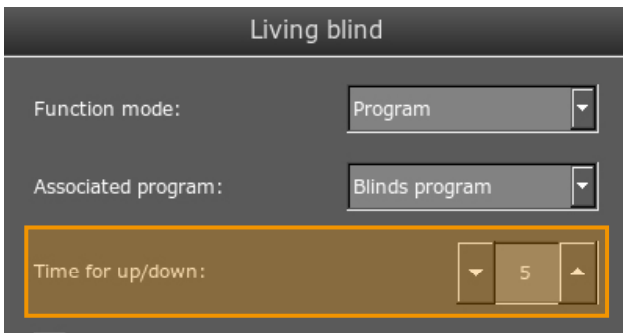
- **Manual:** The position of the blind is regulated directly.
- **Program:** The system raises or lowers the blind automatically in determined hours. In order to make this option available, there must be a program associated to the blind.



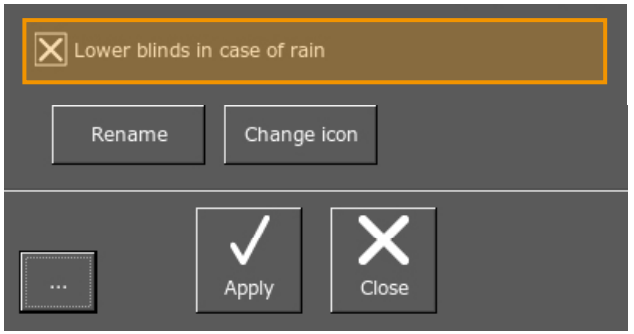
Associated program: It allows selecting a program from the list to associate it with the blind. It is necessary for the *Program* mode



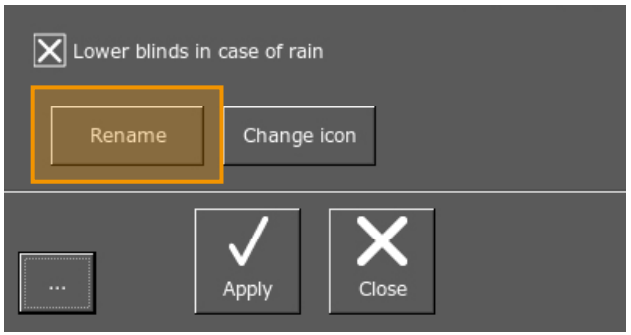
Rise / descent time: It must be indicated (in minutes) the time that passes the blind from being totally lowered to be totally raised, or vice versa. It is necessary to the system to calculate the percentages correctly.



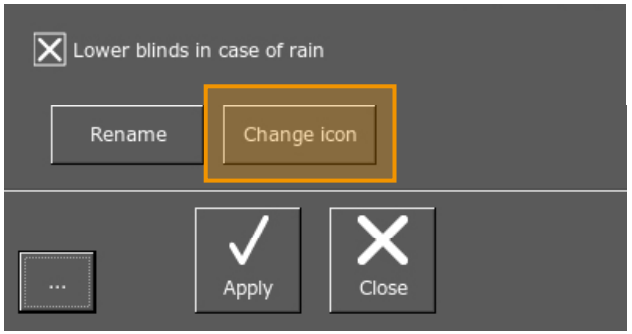
Lower the blinds in case of rain: If you mark this option, the blind will be lowered in case of the rain sensor detects that it is raining.



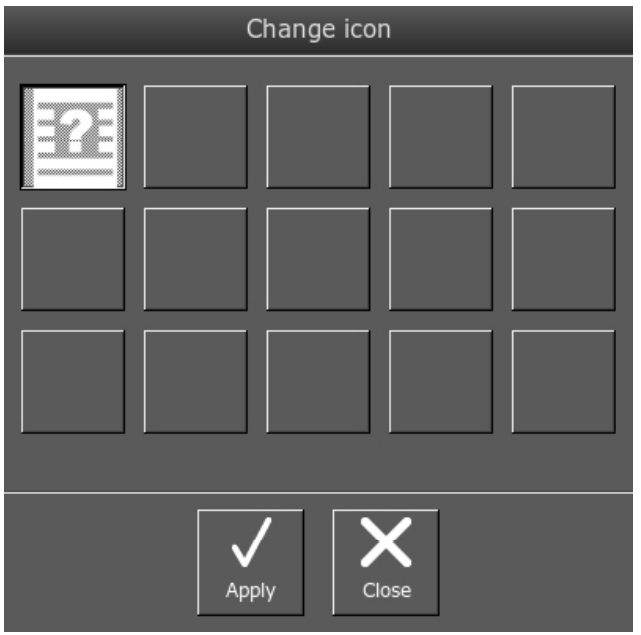
Rename: Allows changing the name to the blind through an alphanumerical keyboard. See the section 2.6. numerical and alpha-numerical keyboard.



Change Icon: Allows modifying the view of the elements in the shown icons, as well as in the shown in the menus.

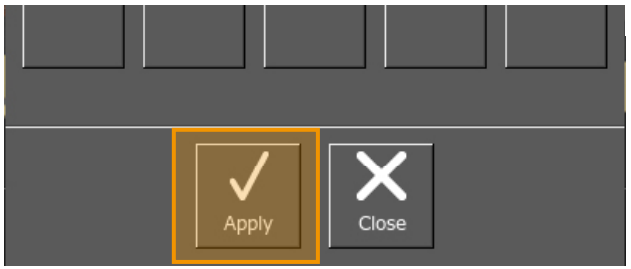

Lower blinds in case of rain
Rename
Change icon
...
Apply
Close

Next screen:

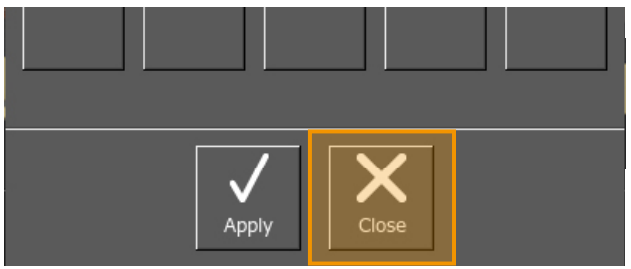

Change icon
Apply
Close

Available icons:

In order to validate the changes carried out, push ***Apply:***

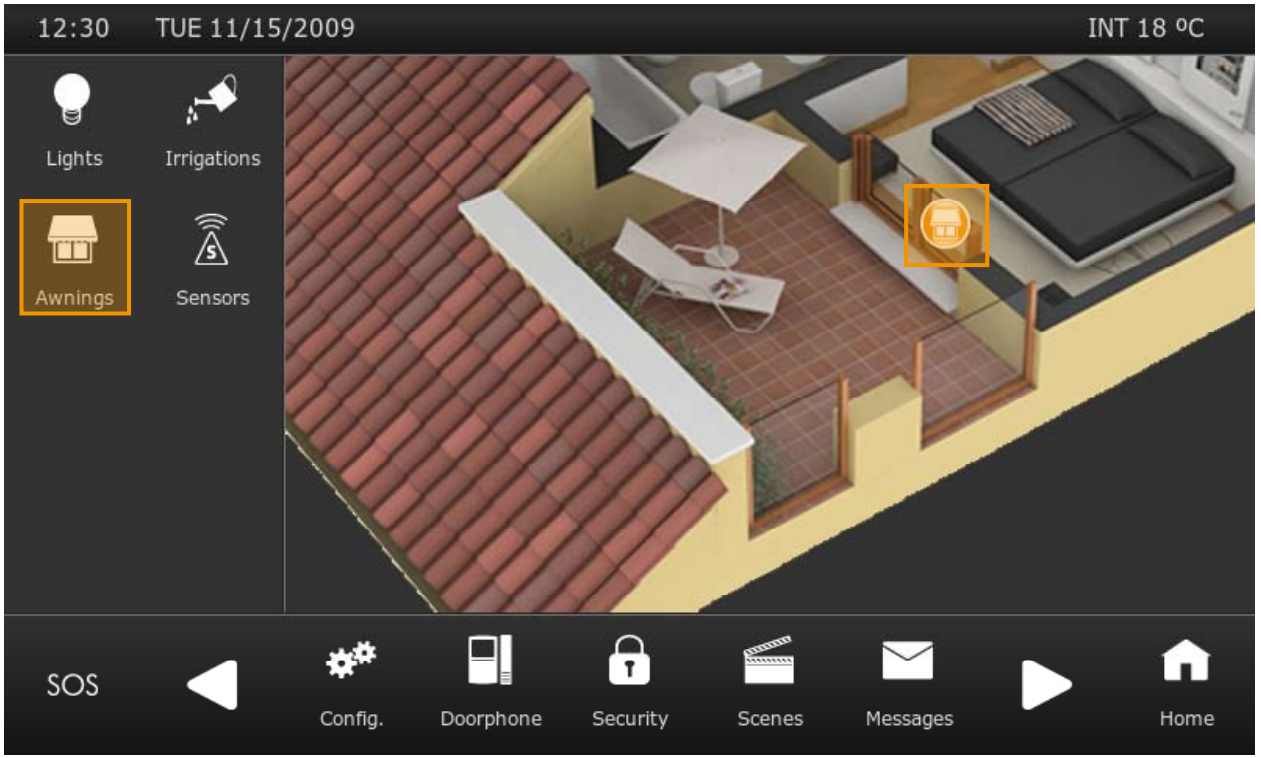


If you do not want to validate the changes, push ***Close:***

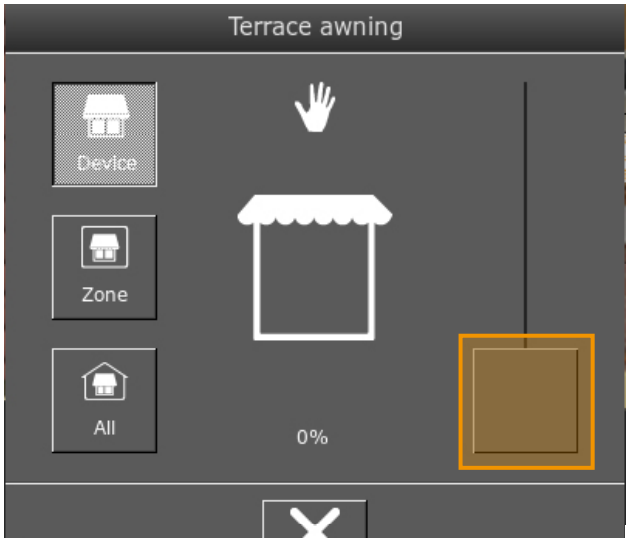


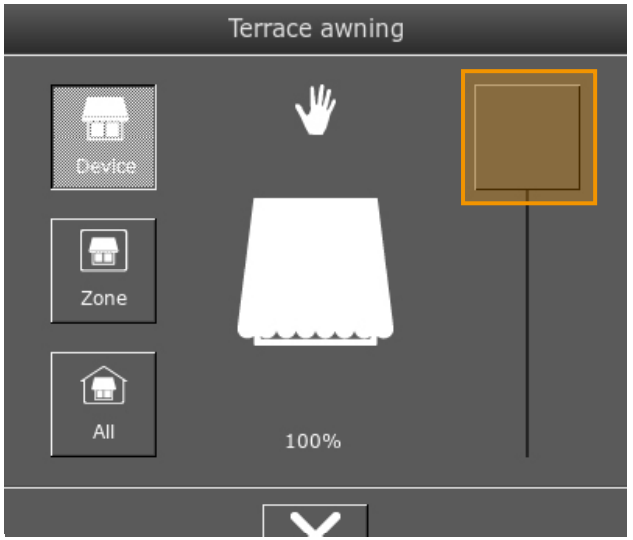
3.3 Awnings

Pushing on the icon ***Awnings*** in a determined zone of the housing, you accede to the ***Awnings*** menu. See the section 2.3 Navigation based on plans.

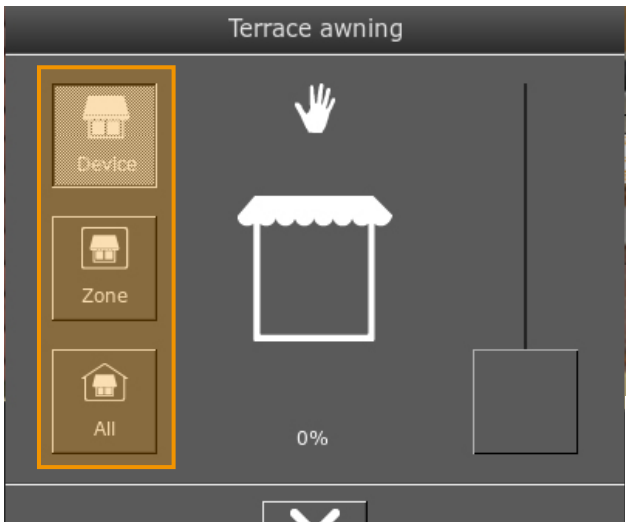


Dragging from the bottom to the top the square of the right, you give the order to raise the awning, and if you do it from the top to the bottom, the awning is lowered. If the awning has a positional control, you can select a determined height, in intervals of 20%, being 0% lowered and 100% totally raised.



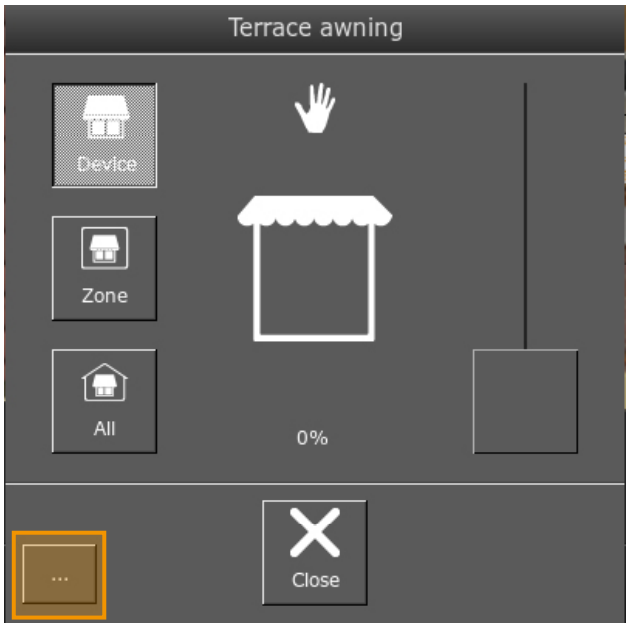


The three buttons of the left side allow selecting if the order is only for the selected awning (top), for all the awnings controlled in the zone (medium), or for all the awnings of the housing (bottom).



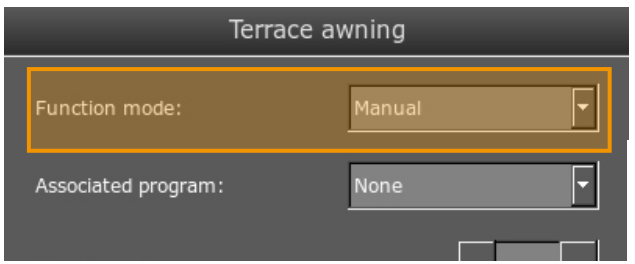
When the system acts on the blinds of the zone, all the housing, or it is a group of blinds, the only possible orders will be 0% (lower), the position of the square under the line, or 100% (raise), position of the square on the top.

Pushing on the button of the left bottom corner you will see the advanced menu to configure the blinds. You must be identified as a medium or high level user to enter in the advanced configuration.

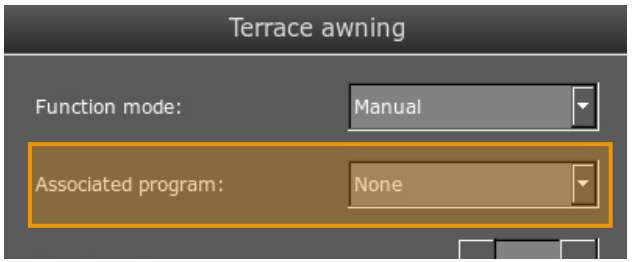


Function mode:

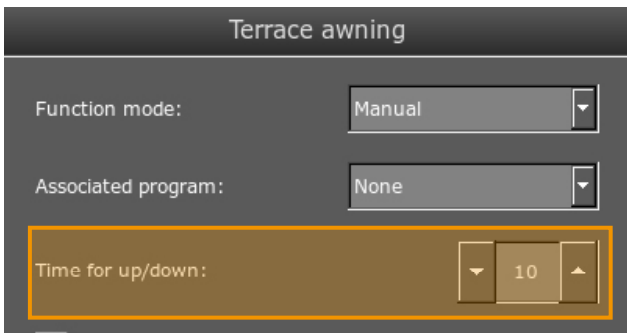
- **Manual:** The position of the awning is regulated directly.
- **Program:** The system raises or lowers the awning automatically in determined hours. In order to make this option available, there must be a program associated to the awning.



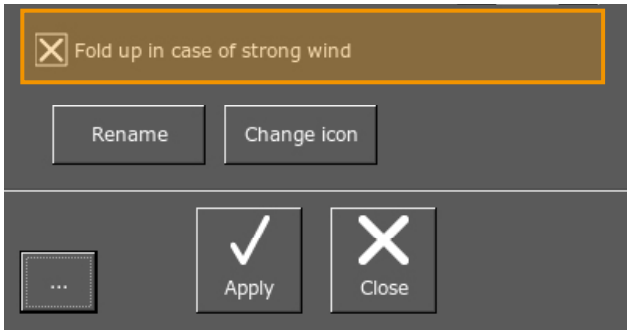
Associated program: It allows selecting it from the drop-down menu. It is necessary for the ***Program*** mode.



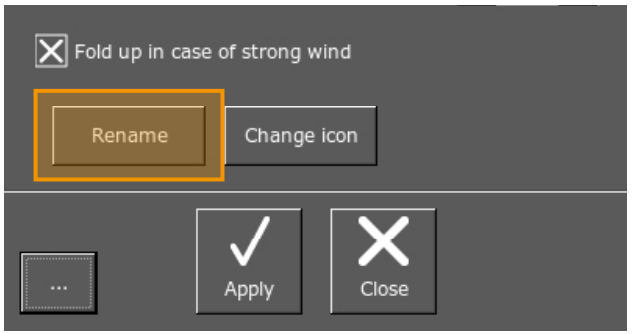
Rise / descent time: It must be indicated (in minutes) the time that passes the awning from being totally lowered to be totally raised, or vice versa. It is necessary to the system to calculate the percentages correctly.



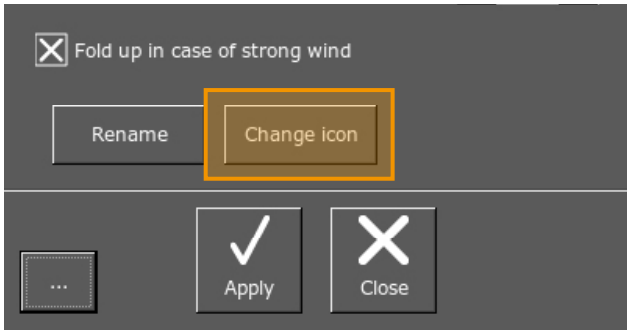
Close the awnings in case of strong wind: If you marc this option, the awning will close in case of the wind sensor detects strong winds.



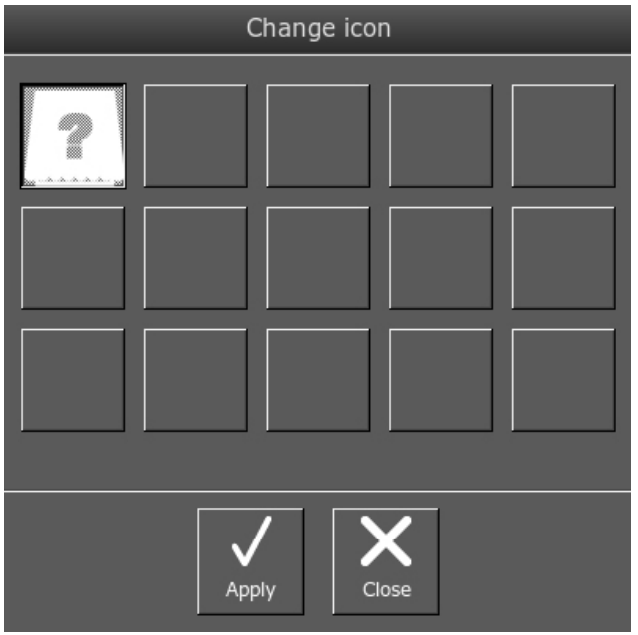
Rename: Allows changing the name to the awning through an alphanumerical keyboard.. See the section 2.6. Numerical and alpha-numerical keyboard.



Change Icon: Allows modifying the view of the elements in the shown icons, as well as in the shown in the menus.

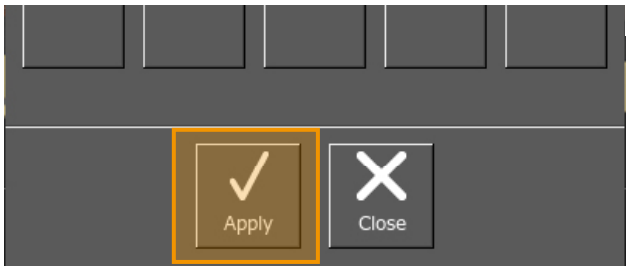

Fold up in case of strong wind
Rename
Change icon
...
Apply
Close

Next screen:

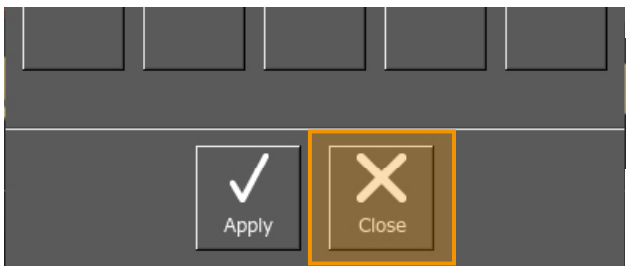

Change icon
Apply
Close

Available icons:

In order to validate the changes carried out, push ***Apply:***

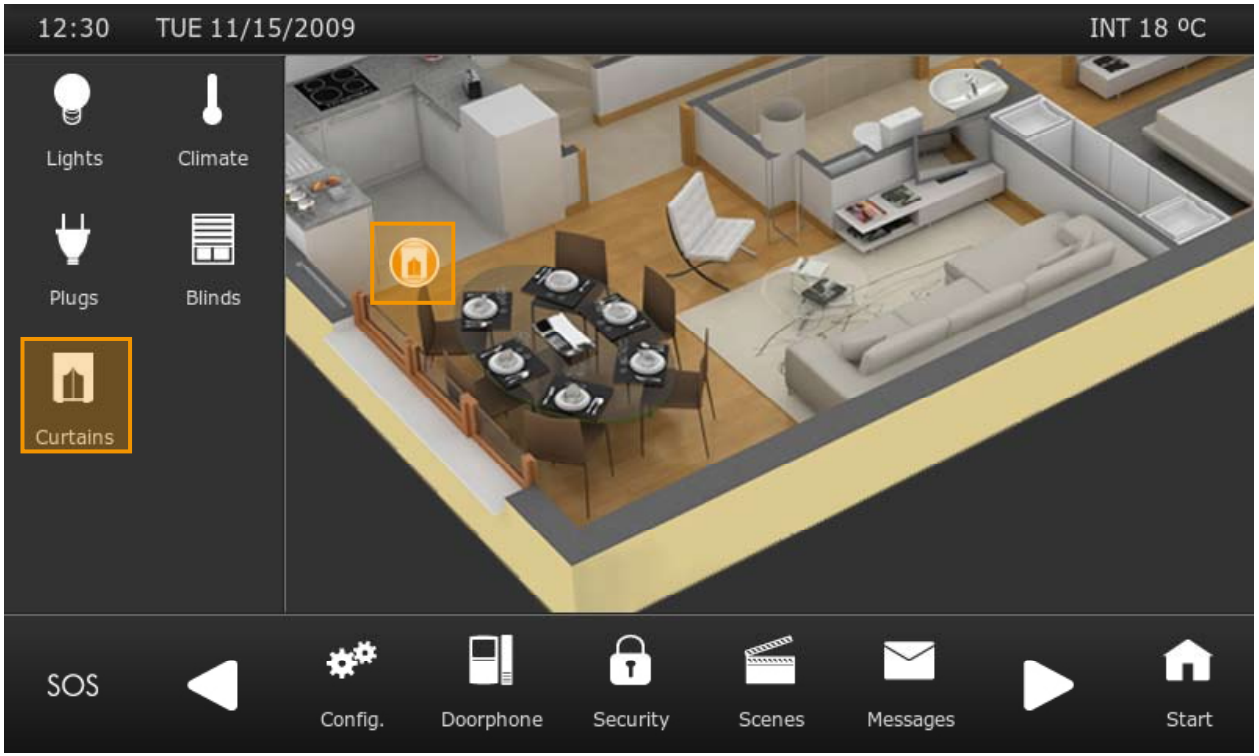


If you do not want to validate the changes, push ***Close:***

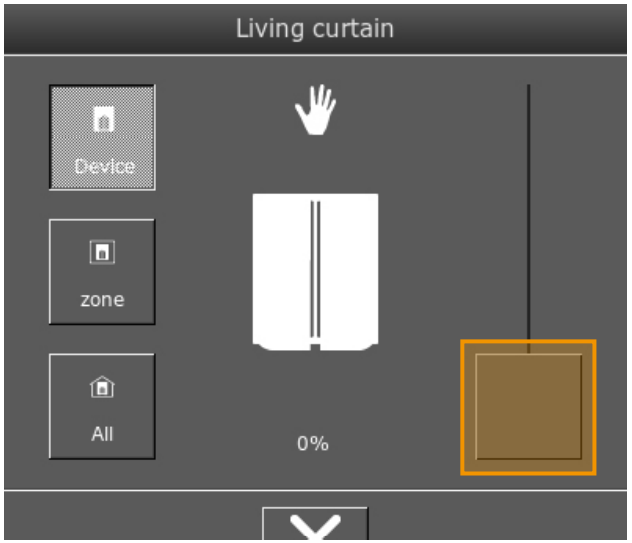


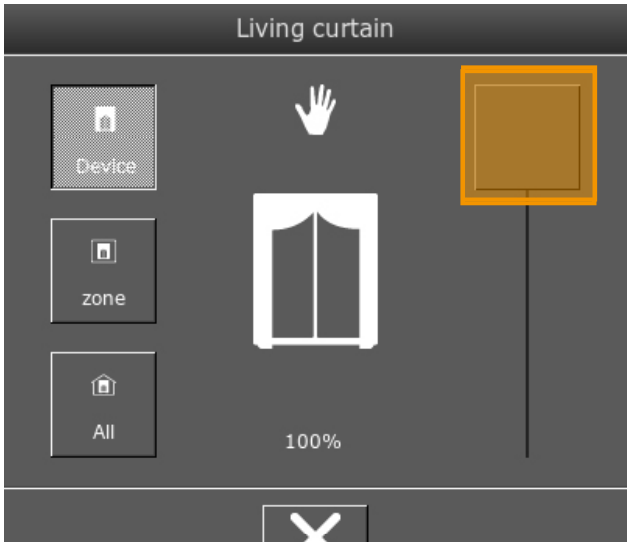
3.4 Curtains

Pushing on the icon ***Curtains*** in a determined zone of the housing, you accede to the ***Curtains*** menu. You can exit from there pushing ***Close***. See the section 2.3 Navigation based on plans.

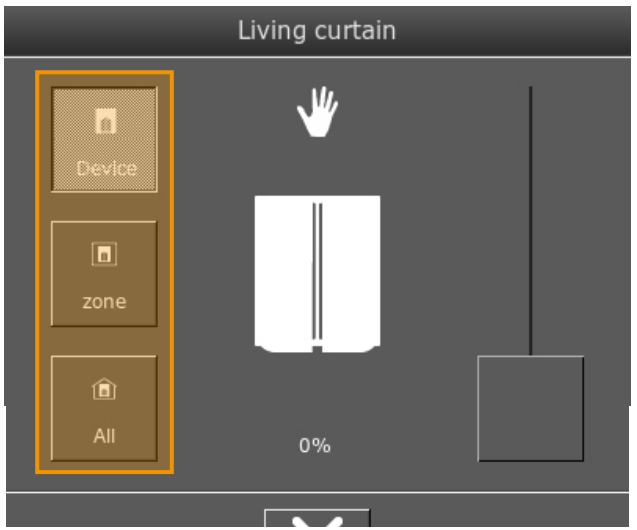


Dragging from the bottom to the top the square of the right, you give the order to raise the curtain, and if you do it from the top to the bottom, the curtain is lowered. If the curtain has a positional control, you can select a determined height, in intervals of 20%, being 0% lowered and 100% totally raised.



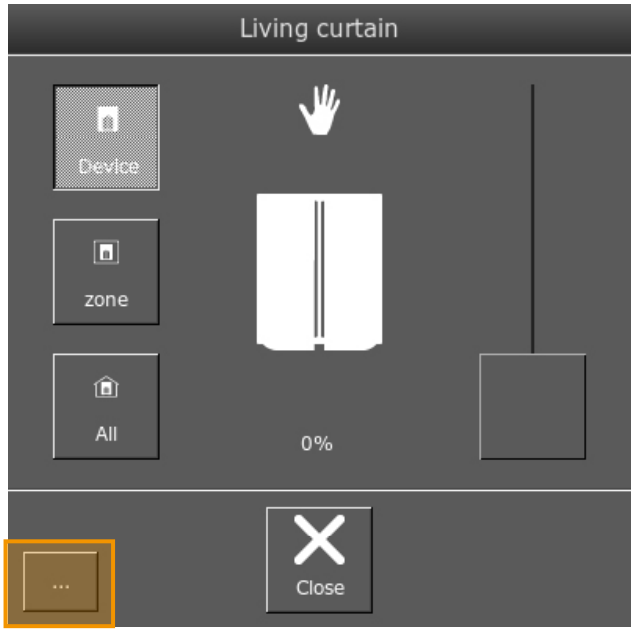


The three buttons of the left side allow selecting if the order is only for the selected awning (top), for all the awnings controlled in the zone (medium), or for all the awnings of the housing (bottom).



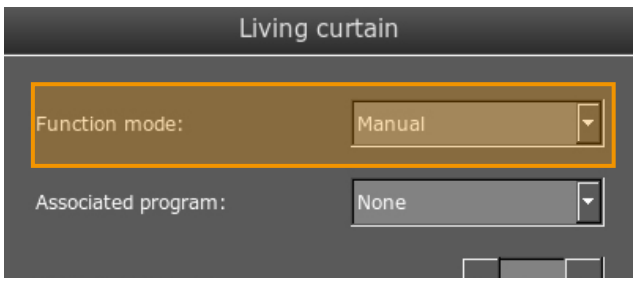
When the system acts on the curtains of the zone, all the housing, or it is a group of curtains, the only possible orders will be 0% (open), the position of the square under the line, or 100% (closed), position of the square on the top.

Pushing on the button of the left bottom corner you will see the advanced menu to configure the curtains. You must be identified as a medium or high level user to enter in the advanced configuration.

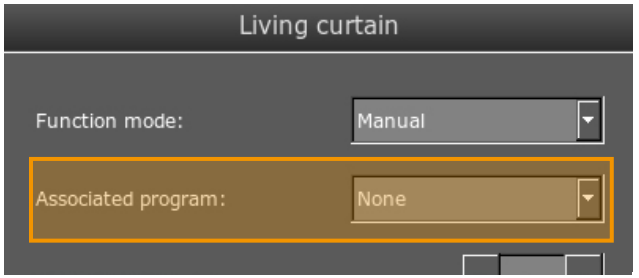


Function mode:

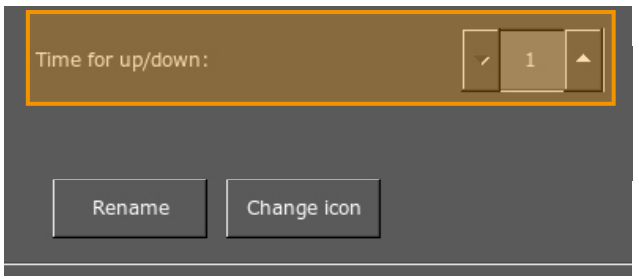
- **Manual:** The position of the curtain is regulated directly.
- **Program:** The system opens or closes the curtain automatically in determined hours. In order to make this option available, there must be a program associated to the curtain.



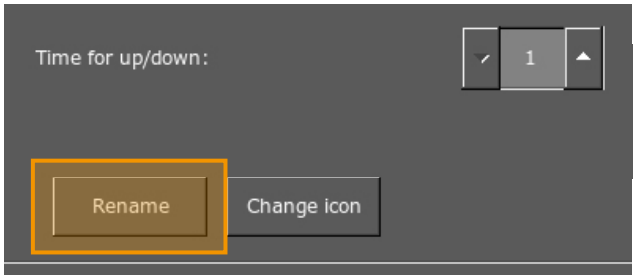
Associated program: It allows selecting it from the drop-down menu. It is necessary for the Program mode.



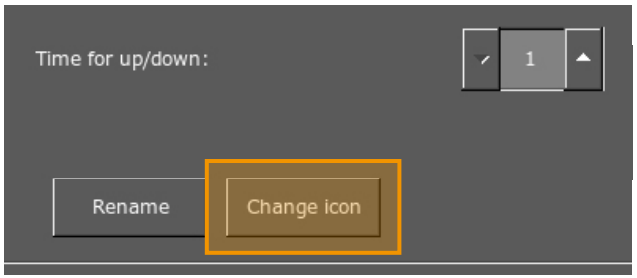
Rise / descent time: It must be indicated (in minutes) the time that passes the curtain from being totally closed to be totally open, or vice versa. It is necessary to the system to calculate the percentages correctly.



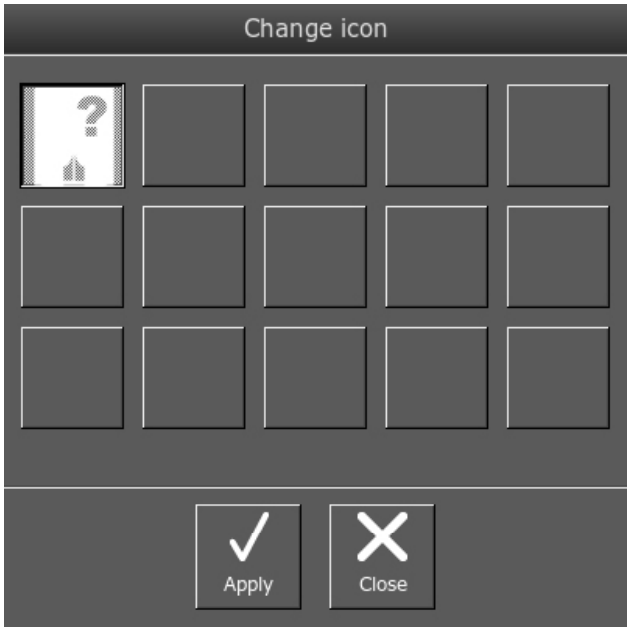
Rename: Allows changing the name to the curtain through an alphanumerical keyboard. See the section 2.6. Numerical and alpha-numerical keyboard.



Change Icon: Allows modifying the view of the elements in the shown icons, as well as in the shown in the menus.

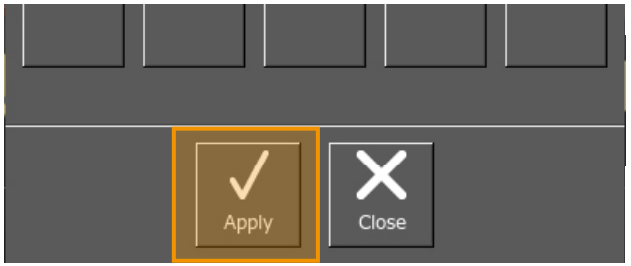


Next screen:

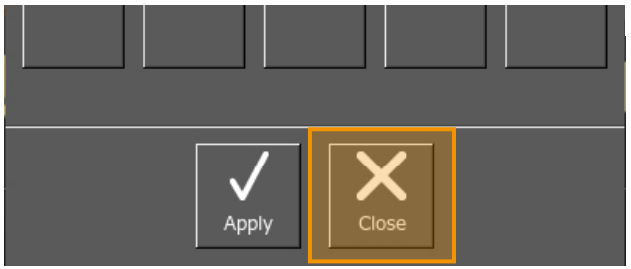


Available icons:

In order to validate the changes carried out, push ***Apply:***



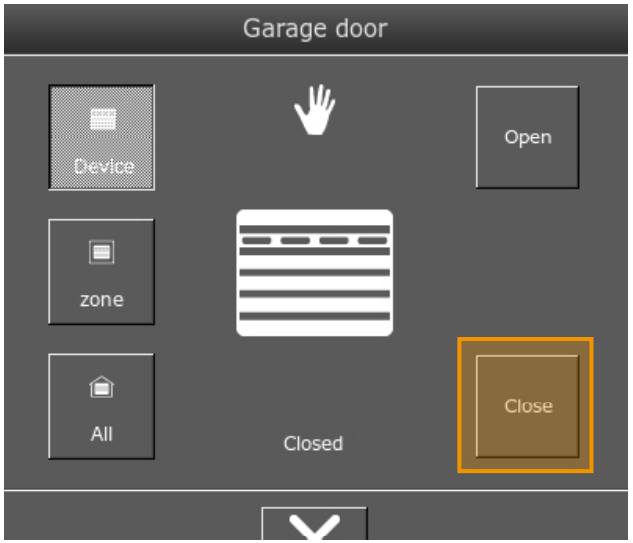
If you do not want to validate the changes, push ***Close:***

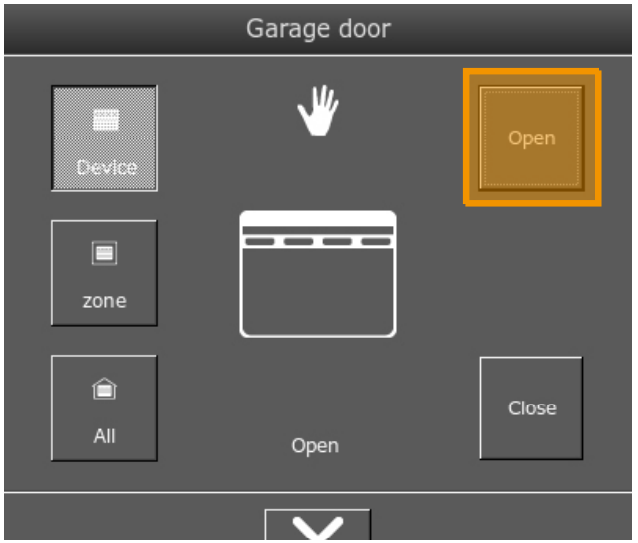


3.5 Motorized doors

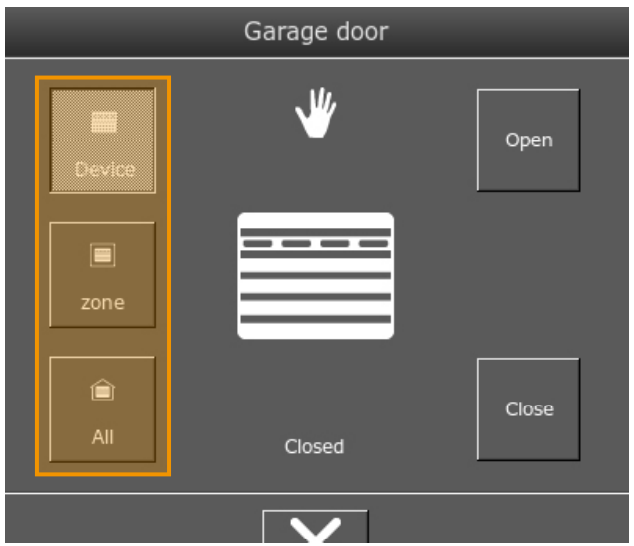
Pushing on the icon ***Doors*** in a determined zone of the housing, you accede to the ***Doors*** menu. You can exit from there pushing ***Close***. See the section 2.3 Navigation based on plans.

To order to open or close the doors, push the buttons ***Open*** or ***Close*** respectively.

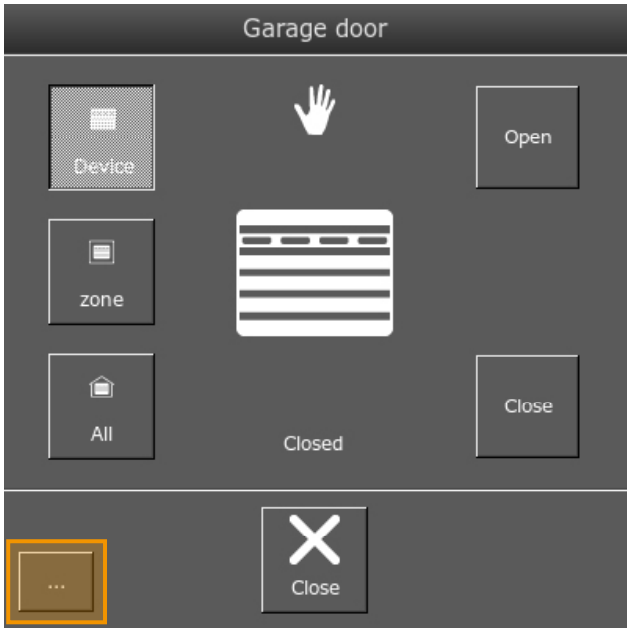




The three buttons of the left side allow selecting if the order is only for the selected door (top), for all the doors controlled in the zone (medium), or for all the doors of the housing (bottom).

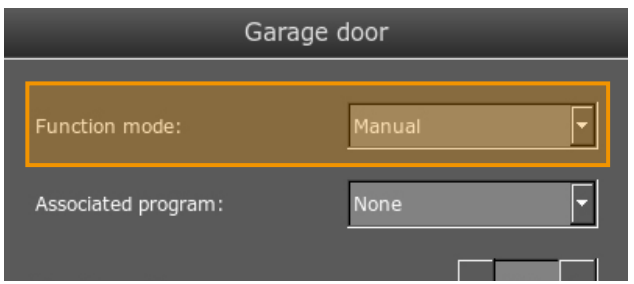


Pushing on the button of the left bottom corner you will see the advanced menu to configure the motorized doors. You must be identified as a medium or high level user to enter in the advanced configuration.

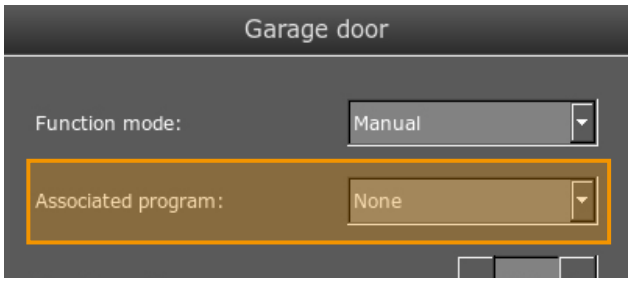


Function mode:

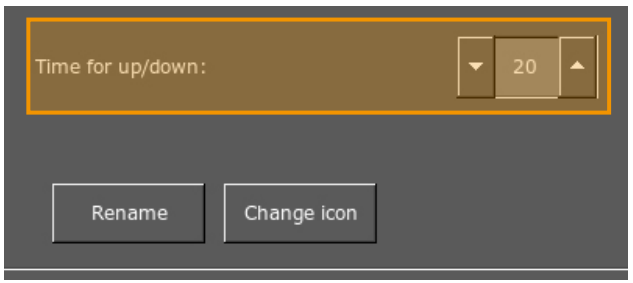
- Manual: The position of the motorized door is regulated directly.
- Program: The system opens or closes the door automatically in determined hours. In order to make this option available, there must be a program associated to the door.



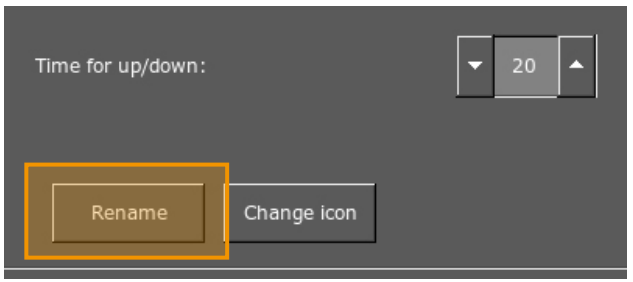
Associated program: It allows selecting it from the drop-down menu. It is necessary for the ***Program*** mode.



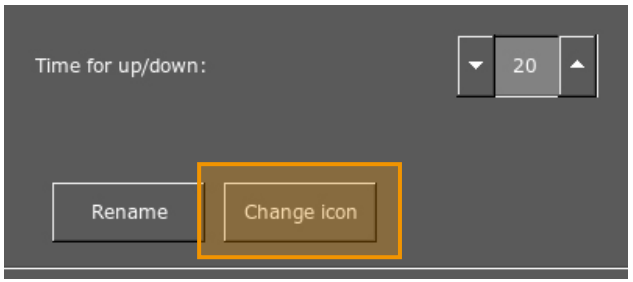
Rise / descent time: It must be indicated (in minutes) the time that passes the door from being totally open to be totally closed, or vice versa. It is necessary to the system to calculate the percentages correctly.



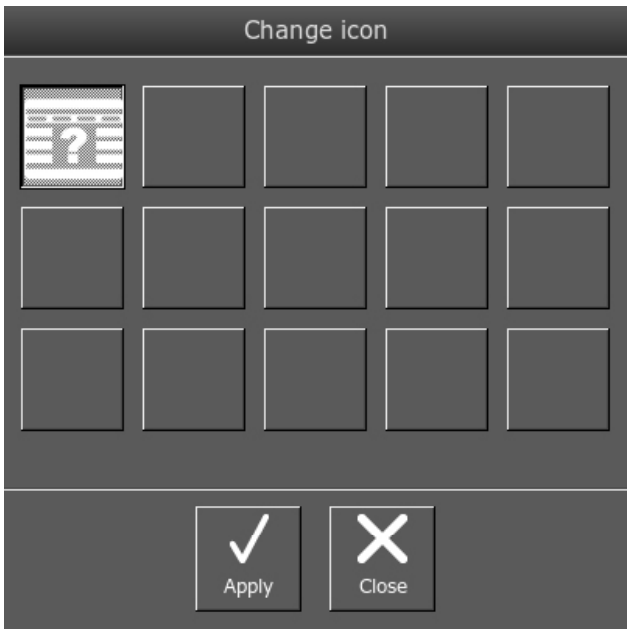
Rename: Allows changing the name to the motorized door through an alphanumerical keyboard. See the section 2.6.Numerical and alphanumerical keyboard.



Change Icon: Allows modifying the view of the elements in the shown icons, as well as in the shown in the menus.

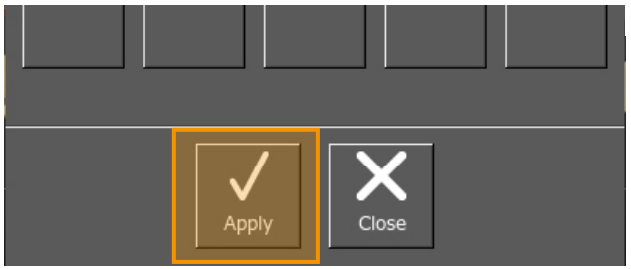


Next screen:

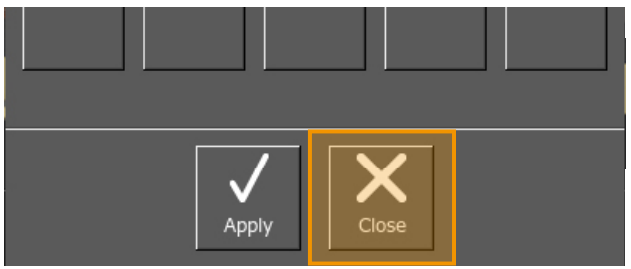


Available icons:

In order to validate the changes carried out, push ***Apply:***



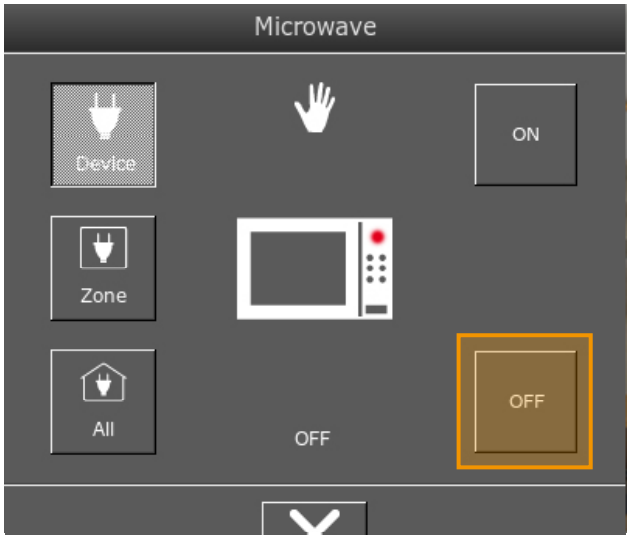
If you do not want to validate the changes, push ***Close:***

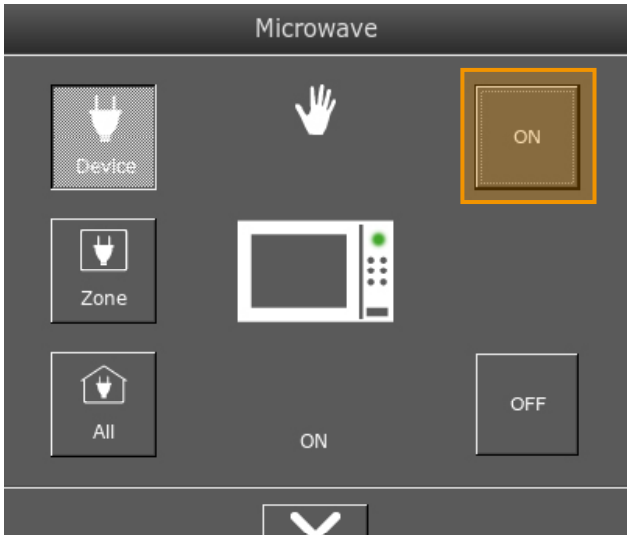


3.6 Devices / Plugs

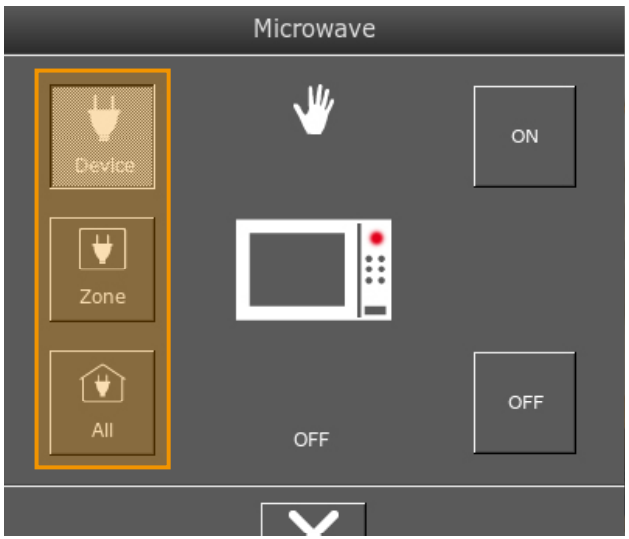
Pushing on the icon *Devices* in a determined zone of the housing, you accede to the *Devices* menu. You can exit from there pushing *Close*. See the section 2.3 Navigation based on plans.

For the switch on or switch off orders push the *On* or *Off* buttons respectively.

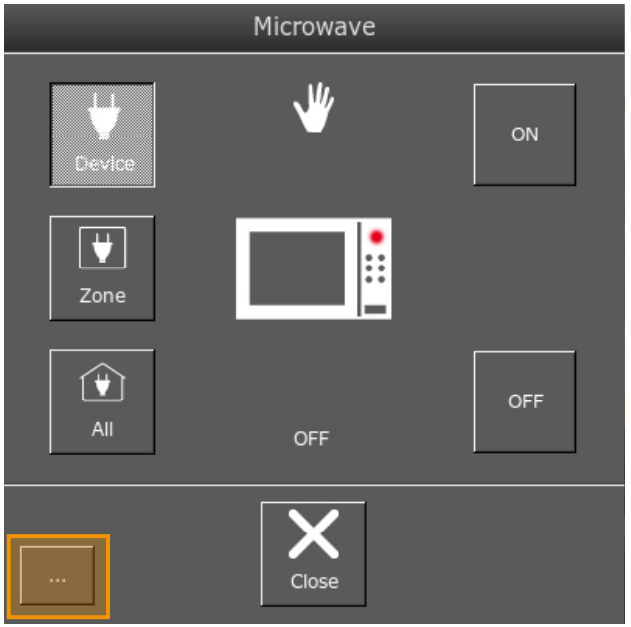




The three buttons of the left side allow selecting if the order is only for the selected device (top), for all the devices controlled in the zone (medium), or for all the devices of the housing (bottom).

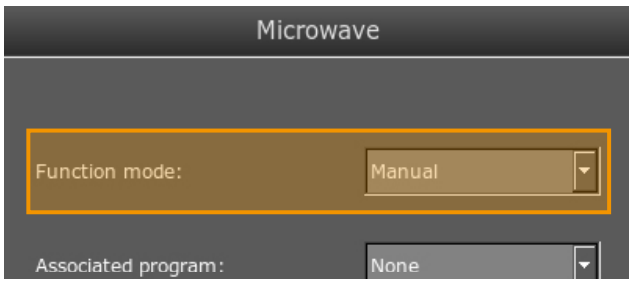


Pulsando sobre el botón de la esquina inferior izquierda se muestra el menú avanzado en la configuración del dispositivo. Debe identificarse como usuario de nivel medio o superior para poder entrar en la configuración avanzada.

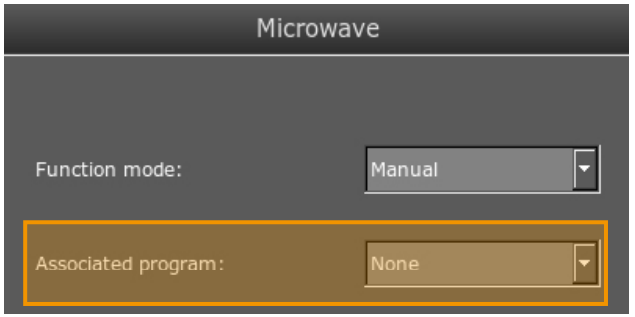


Function mode:

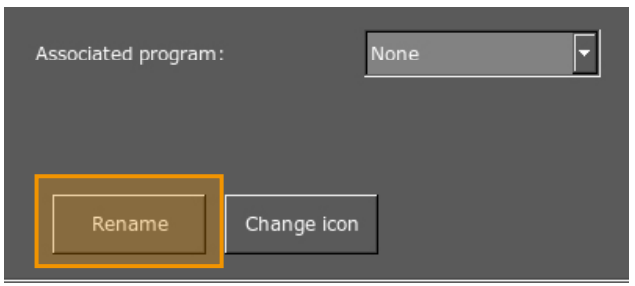
- Manual: The device is regulated directly.
- **Program:** Device is activated or deactivated automatically in determined hours. In order to make this option available, there must be a program associated to the device.



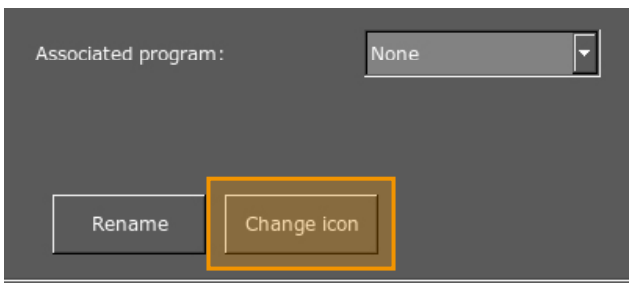
Associated program: It allows selecting it from the drop-down menu. It is necessary for the Program mode.



Rename: Allows changing the name to the device through an alphanumerical keyboard. See the section 2.6. Numerical and alpha-numerical keyboard.



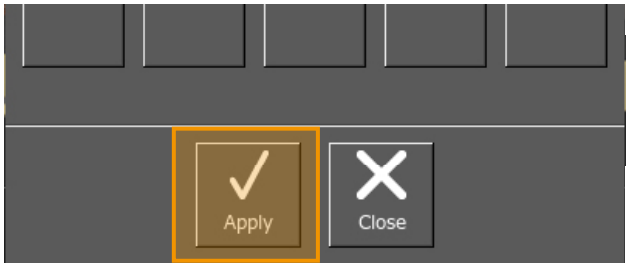
Change Icon: Allows modifying the view of the elements in the shown icons, as well as in the shown in the menus.



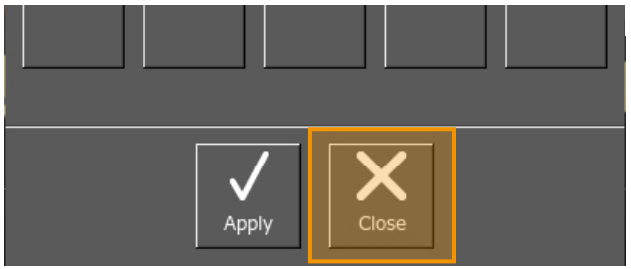
Next screen:

Available icons:

In order to validate the changes carried out, push ***Apply:***



If you do not want to validate the changes, push ***Close:***



3.7 Irrigations

Pushing on the icon *Irrigations* in a determined zone of the housing, you accede to the *Irrigations* menu. You can exit from there pushing *Close*. See the section 2.3 Navigation based on plans.

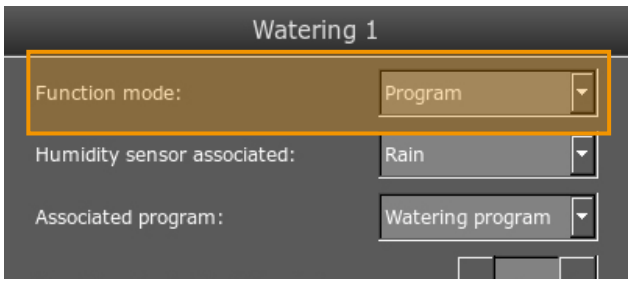
For the switch on or switch off orders push the *On* or *Off* buttons respectively.

The three buttons of the left side allow selecting if the order is only for the selected irrigation (top), for all the irrigations controlled in the zone (medium), or for all the irrigations of the housing (bottom).

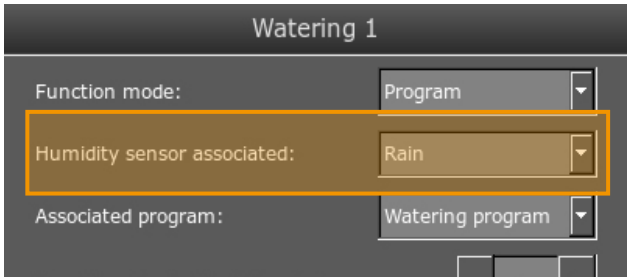
Pushing on the button of the left bottom corner you will see the advanced menu to configure the irrigations. You must be identified as a medium or high level user to enter in the advanced configuration.

Function mode:

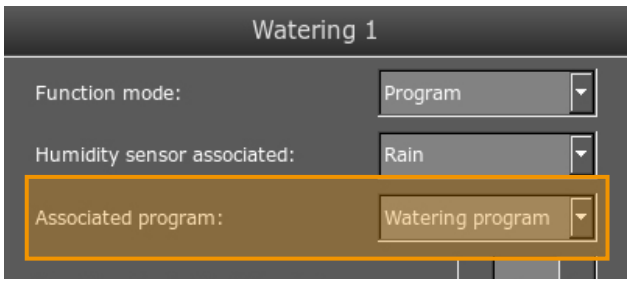
- Manual: The irrigation is activated or deactivated directly.
- **Program:** Irrigation is activated or deactivated automatically in determined hours. In order to make this option available, there must be a program associated to the device.



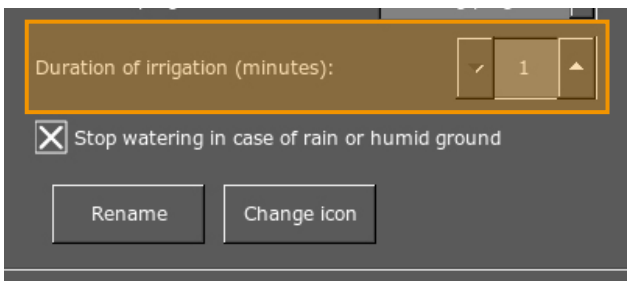
Associated humidity sensor: The system allows associating a humidity sensor to the irrigation control. Only the installer user can change this sensor.



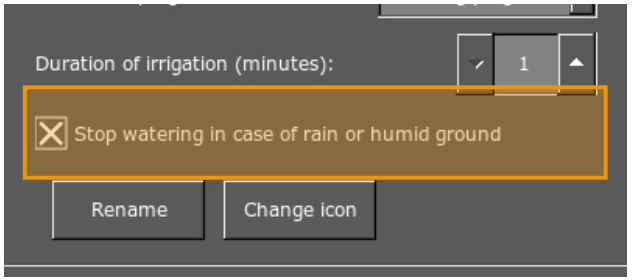
Associated program: It allows selecting it from the drop-down menu. It is necessary for the ***Program*** mode.



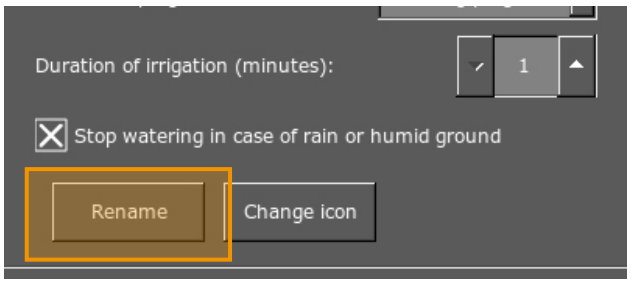
Length of the irrigation (minutes): It allows selecting the time that the irrigation is going to be active.



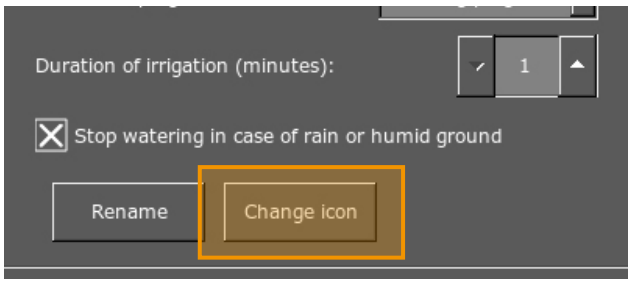
Stop the irrigation in case of rain or already damp ground: Marking this option the irrigation will be deactivated in case of the humidity sensor detects rain or humidity in the ground.



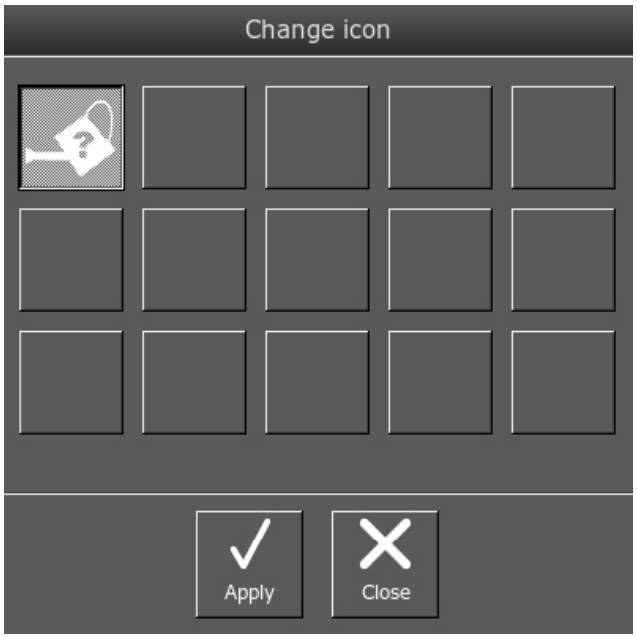
Rename: Allows changing the name to the device through an alphanumerical keyboard. See the section 2.6. Numerical and alpha-numerical keyboard.



Change Icon: Allows modifying the view of the elements.

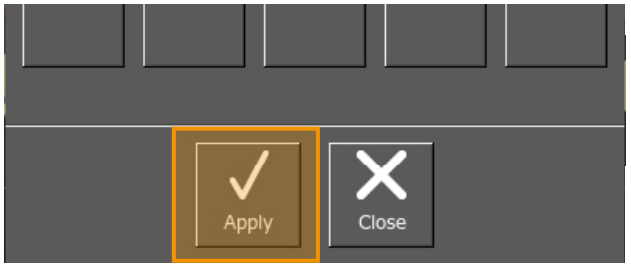


Next screen:

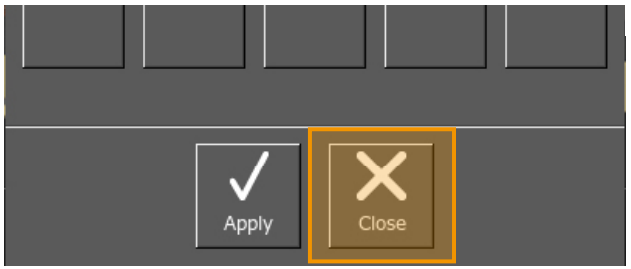


Available icons:

In order to validate the changes carried out, push ***Apply:***



If you do not want to validate the changes, push ***Close:***



3.8 Sensors

Pushing on the icon ***Sensors*** in a determined zone of the housing, you accede to the ***Sensors*** menu. You can exit from there pushing ***Close***. See the section 2.3 Navigation based on plans.

The superimposed icons of the plan besides indicating the position, they indicate the sensor type.

There are next:


Presence sensor.


Open door sensor.


Medical alarm sensor.


Open door sensor.

Panic alarm icon.


Temperature sensor.


Gas sensor.


Glass breakage sensor.


Silent alarm icon.


Sabotage alarm icon.


Wind sensor.


Rain sensor.


Twilight sensor.


Fire sensor.

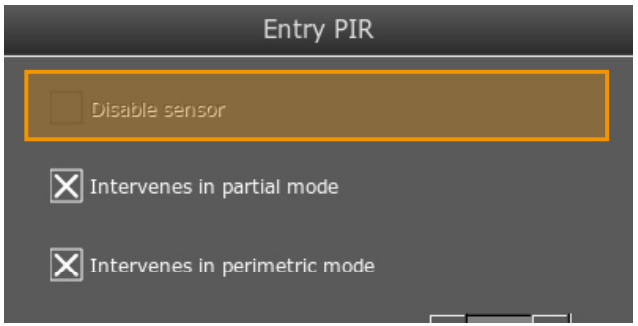

Flooding sensor.


Humidity sensor.

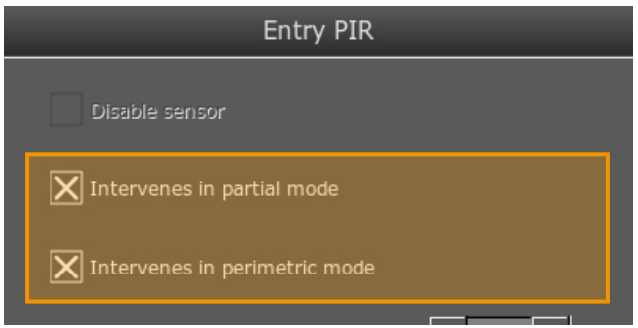
When you push on a sensor of the zone a different menu is shown, depending on the type of sensor:

Presence sensor, window, door opening and glass breakage.

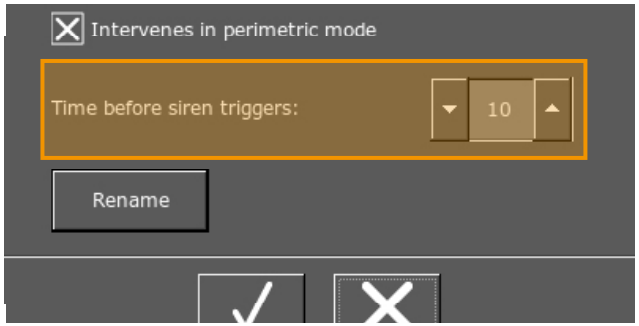
- It allows activating or deactivating the sensor



- It allows deciding if it works in the partial mode or in the perimeter mode.

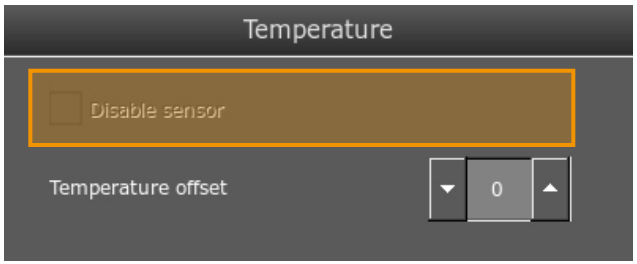


- It allows defining a delay time for the input. This time limits:
  - When the intrusion alarm is going to be turned on, the system has got a configured turn on time. If the sensor is activated, the delay time will start decrementing while it remains active and if the time is over being the sensor active, the alarm will start.
  - When the intrusion alarm is turned on, it is the time that the system waits since the sensor is active until the alarms starts.

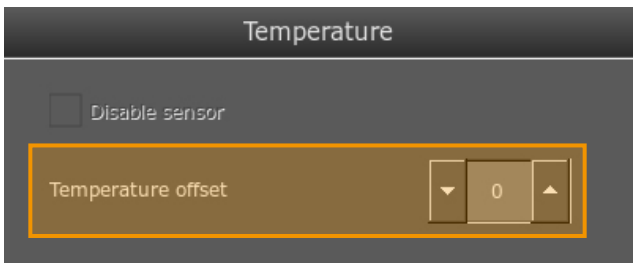


Temperature sensor

- It allows activating or deactivating the sensor.

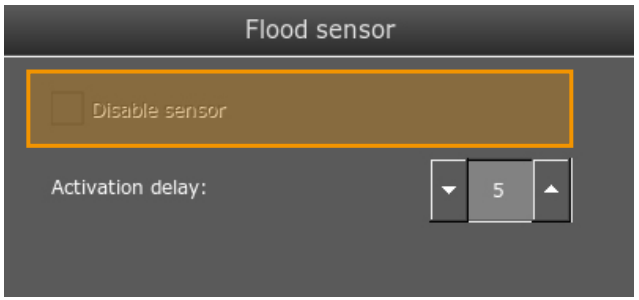


- It allows defining a value between -4 and 4, in order to adjust the measured temperature by the temperature sensor with the real temperature of the room *(Offset)*. When the temperature sensor is embedded in the screen, the offset will be also applied in the value shown in the top right corner.

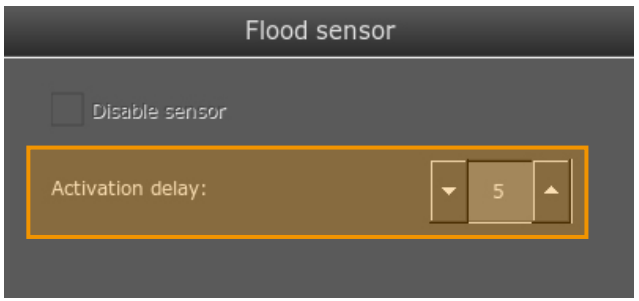


Flooding sensors.

- It allows activating or deactivating a sensor



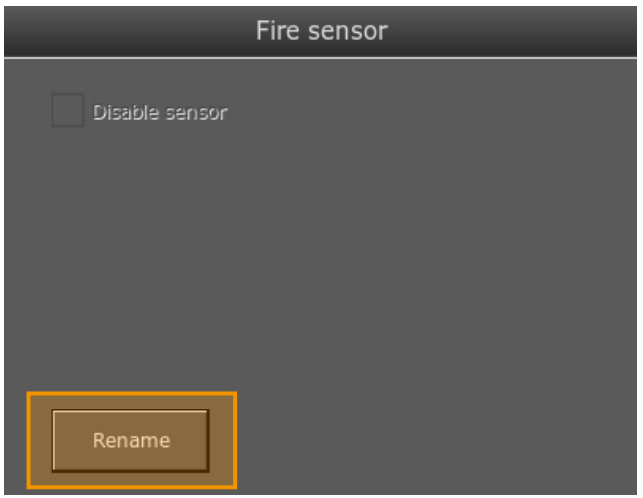
- It allows defining a delay (in seconds) in the activation of the flooding alarm. This way it is possible to avoid false alarms when there is a floor cleaning process.



Others sensors.

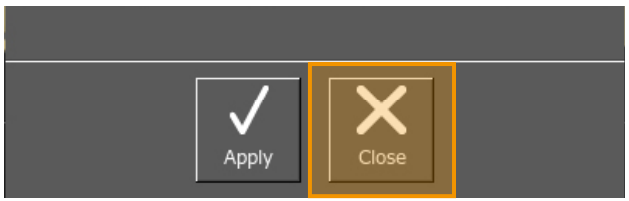
- It allows activating or deactivating the sensor.

Rename: Permite cambiar el nombre del sensor mediante un teclado alfanumérico. See the section 2.6. Numerical and alphanumerical keyboard.



In order to validate the changes carried out, push ***Apply:***

If you do not want to validate the changes, push ***Close:***



4

4. HVAC

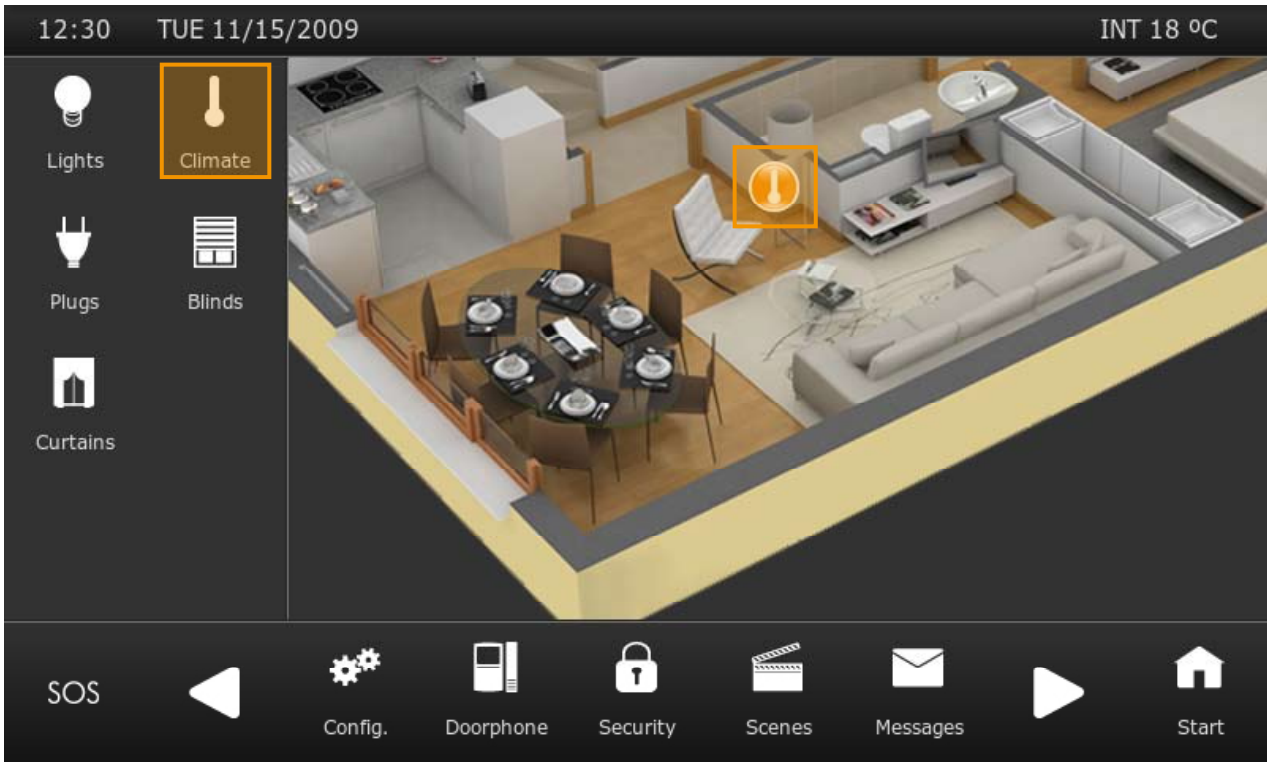
The **vivimat®** systems allow managing HVAC systems of the following types:

- Central heating (gas or diesel oil).
- Electric heating (radiators).
- HVAC units or heat pumps (with thermostat input or IR control).
- Underfloor heating.
- Air conditioning.

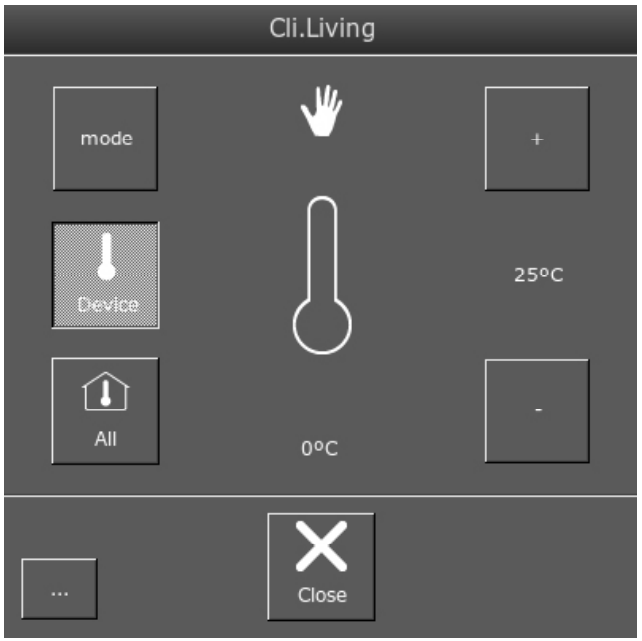
The **vivimat®** III system can manage 10 HVAC units. Besides these, it controls the general HVAC that defines the general working mode, the hysteresis and the maximum and minimum reference temperatures. These values can be modified from the advanced configuration of any HVAC unit of the housing, explained below. You can accede by two ways to control the HVAC:

- From the plan navigation (See the section 2.3 Navigation based on plans.)
- From the quick access HVAC.

From the plan navigation, select in the zone where there is the HVAC unit wanted.

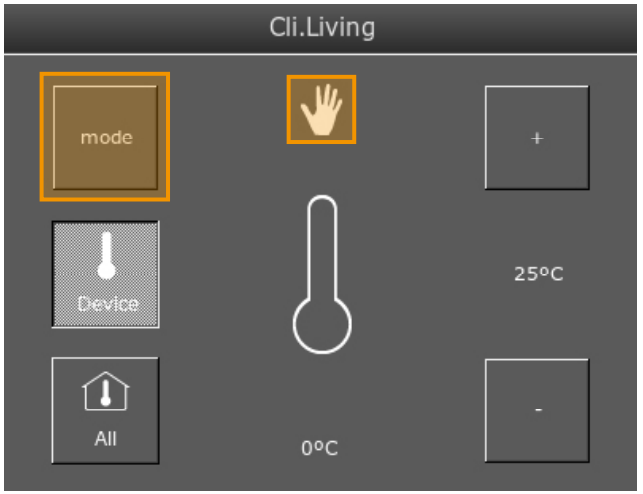


From this menu you can see the real temperature of the zone of the thermostat, modify the working mode of the HVAC unit in the zone and change the reference temperature.

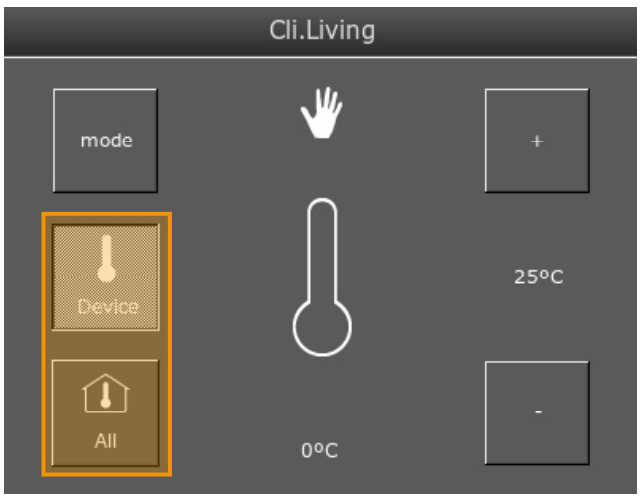


Working mode of the zone: Pushing on Mode the system changes through the different working modes.

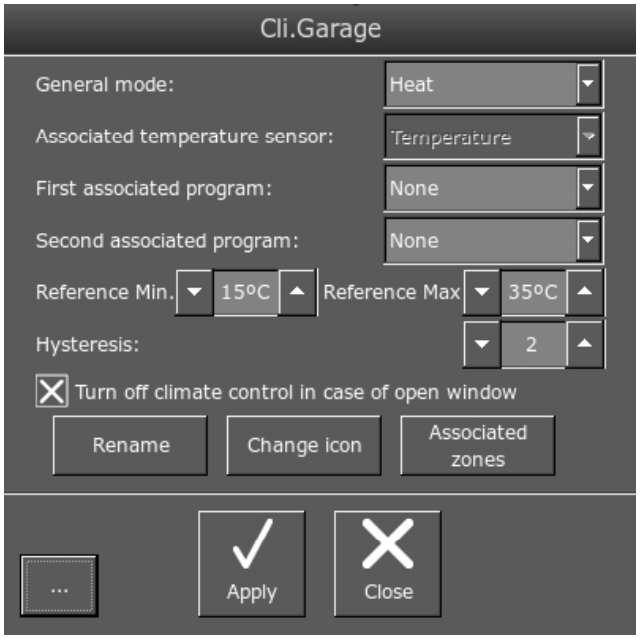
- **Manual:** The HVAC control is direct.
- **Program:** The system switches on or off the HVAC automatically in determined hours. The switch on/off hours are determined by the program associated to the HVAC zone.
- **Economical:** It is a variation of the manual mode in which if in no one of the associated zones is detected any presence during some time (determined by the installer), the reference temperature is modified to reduce the consumption. In other words, if the general mode is Cool the reference temperature will increment in two degrees and if the general mode is Heat, the reference temperature will decrement in two degrees.



The buttons *disposit.* and all allow selecting if the order is directed only to the selected thermostat or to all the controlled thermostats of the house, respectively.

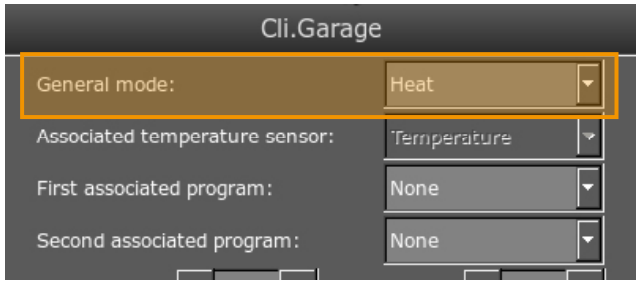


Pushing on the button of the left bottom corner you will see the advanced menu to configure the climatic control. You must be identified as a medium or high level user to enter in the advanced configuration.

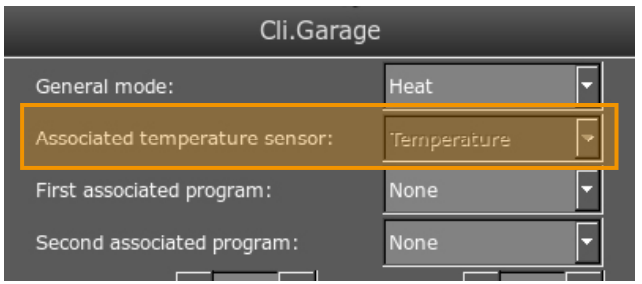


General mode: It indicated the type of control of the temperature that is going to be carried out in all the housing.

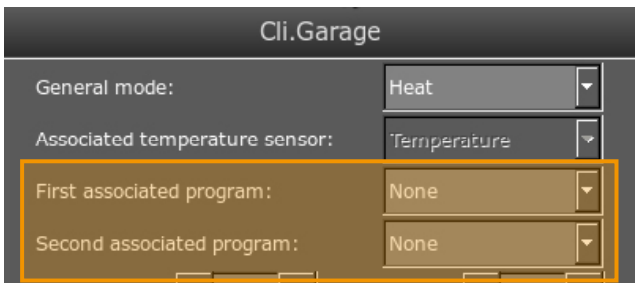
- **Off:** No HVAC control is done (excepting if the minimum or maximum temperature is exceeded).
- **Cool:** When the real temperature exceeds the wanted temperature, the HVAC will be activated to cool the environment (for example: air conditioning).
- **Heat:** When the real temperature is under the wanted temperature, the HVAC will be activated to heat the environment (for example: radiator).
- **HVAC:** It is a combination of the Cool and Heat modes. If the real temperature exceeds the wanted temperature in a defined quantity of degrees (hysteresis) the HVAC will be activated to cool the environment. In the same way, if the real temperature is under the wanted temperature in the same quantity of degrees, the HVAC will be activated to heat the environment



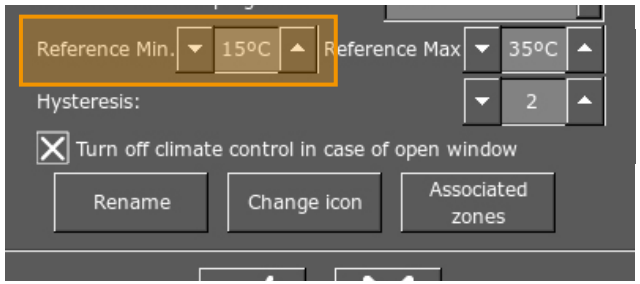
Associated temperature sensor: It indicates the temperature sensor that gives the real temperature of the HVAC unit.



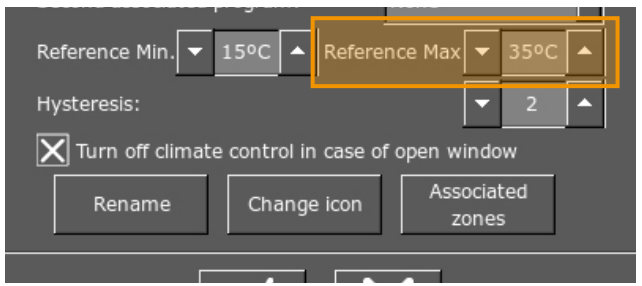
First associated program and Second associated program: You can associate two hour programs to the HVAC. This allows, for example, having a hour program for the week days and another one for the weekend. When the working mode is Program, the program or programs will be followed in this window. Even though no program has been assigned to the First associated program but it has to the Second associated program, the second one will be followed.



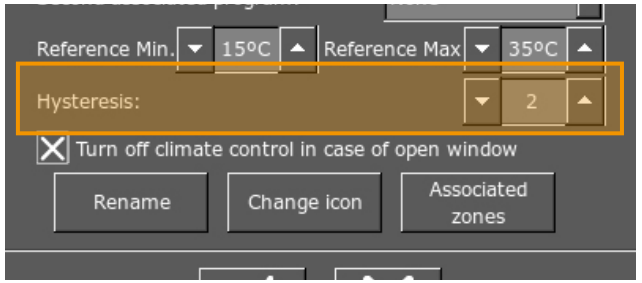
Minimum reference temperature: It allows selecting a temperature that, independently of the general mode and the mode of the selected HVAC mode (even if it is switched off), if the real temperature in under the minimum temperature the system switches on the central heating to reach that minimum temperature. The aim is to avoid that the heating tubes damage, in case of installations with water radiators, because of the ice.



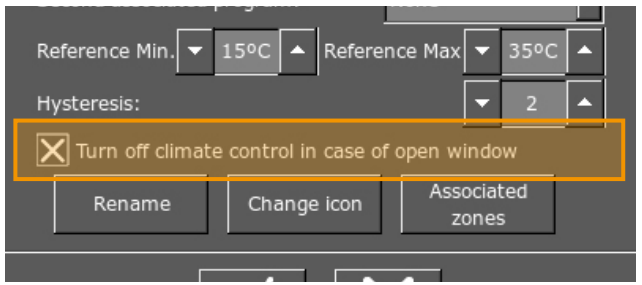
Maximum reference temperature: It allows selecting a temperature that, independently of the general mode and the mode of the selected HVAC unit (including being switched off), if the real temperature is higher than the maximum one the air conditioning will be activated.



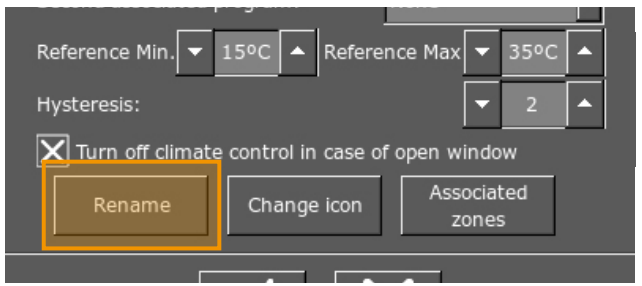
Hysteresis: In the HVAC working mode, it is the degree quantity that must differ the real temperature and the wanted temperature to make the Cool (for example: air conditioning) or Heat (for example: radiator) mode active.



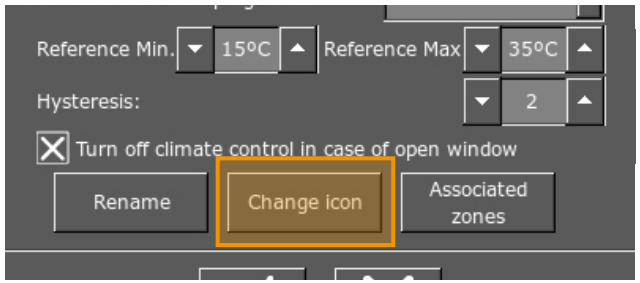
Switch the HVAC off in case of an open window: Marking this option if any window sensor detects in any zone that is associated to the HVAC zone that a window is open, the system switches the HVAC off.



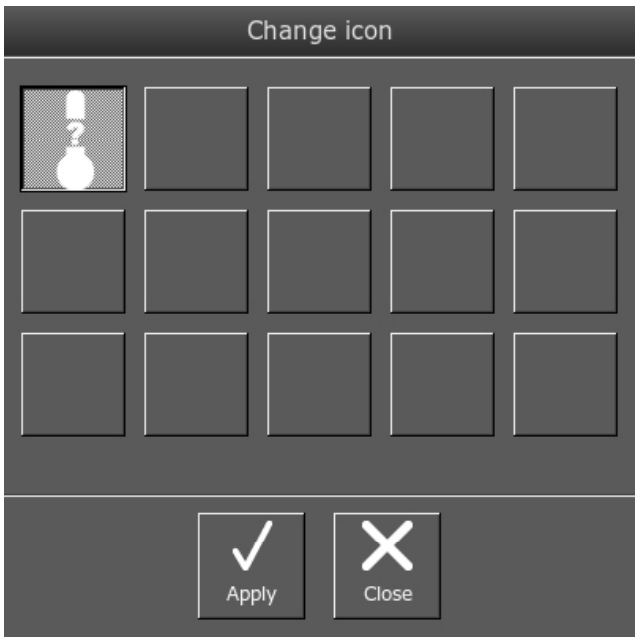
Rename: Rename allows changing the name to the device through an alphanumerical keyboard. See the section 2.6. Numerical and alpha-numerical keyboard.



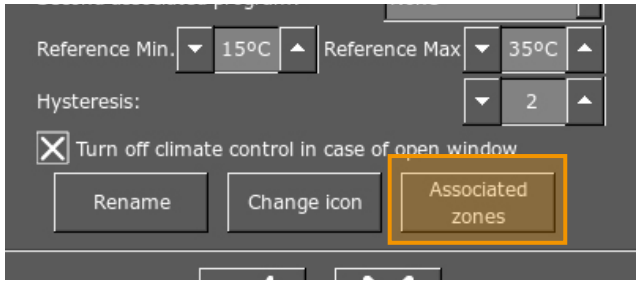
Change Icon: Allows modifying the view of the elements in the shown icons, as well as in the shown in the menus.



Next screen:

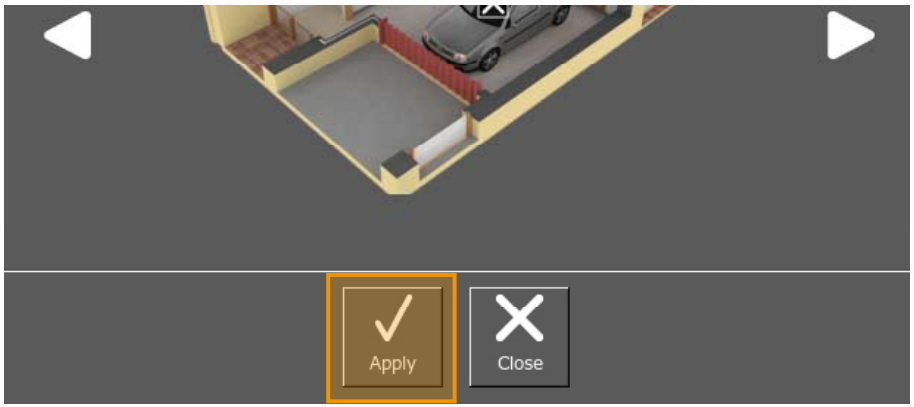


Associated zones: Allows seeing all the zones that the selected HVAC unit has associated to it. Even if a HVAC unit is located in a zone of the housing it is possible that it controls the heating or the air conditioning of another zone of the housing. Thus, for example, a housing with two floors could have two HVAC zones, one to control each floor.

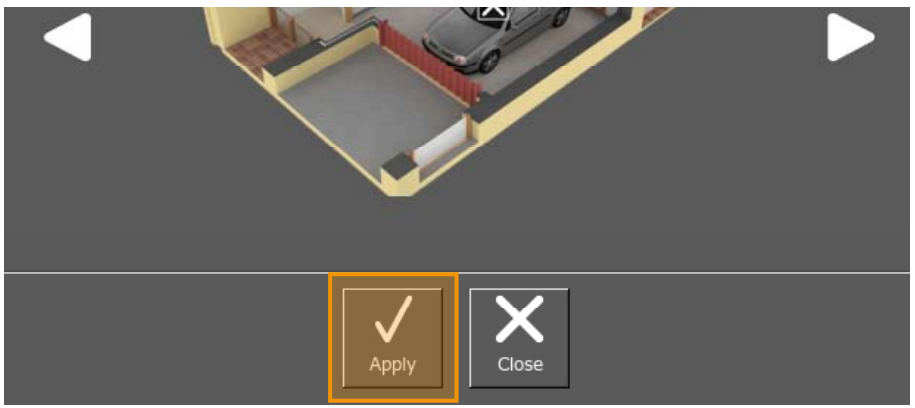


When you push on the *Associated zones* button you can see the general view of the housing and you can also see the zones controlled by the selected HVAC unit through the icons.

To validate the changes push *Apply*.

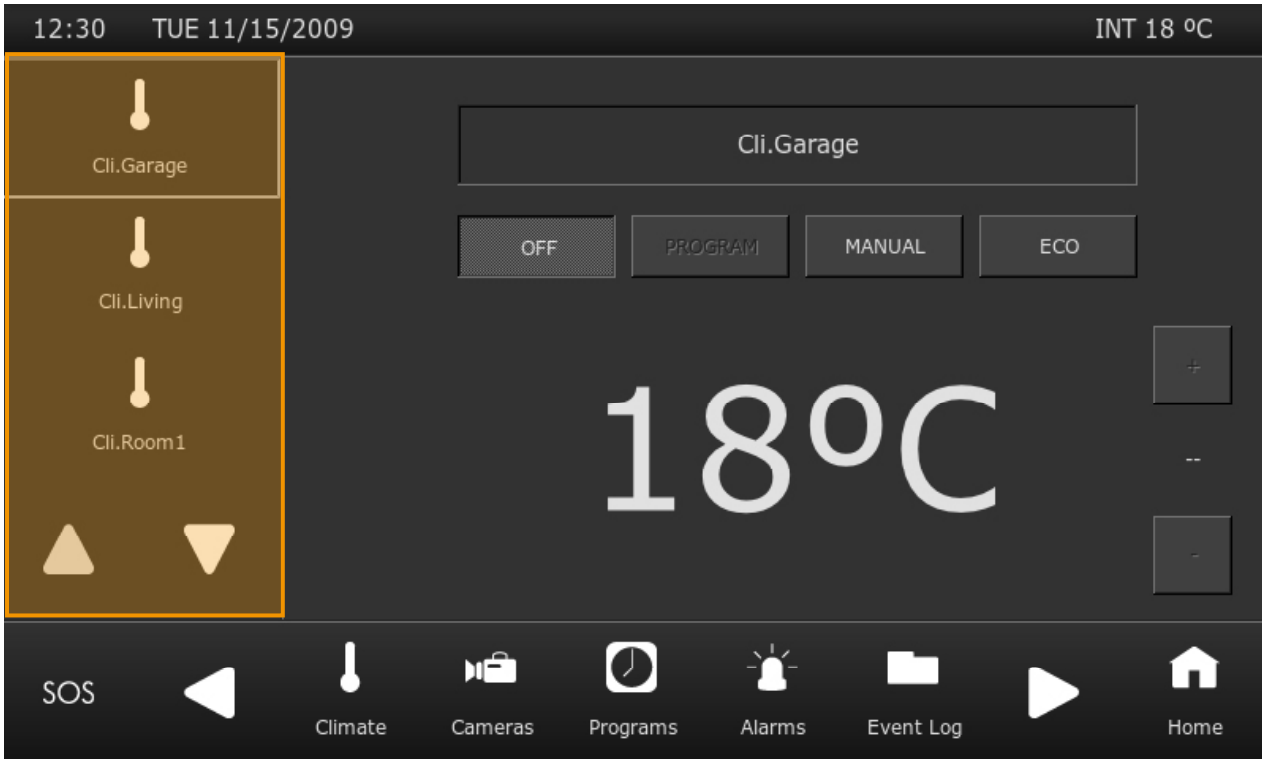


If you do not want to validate the changes, push *Close*.

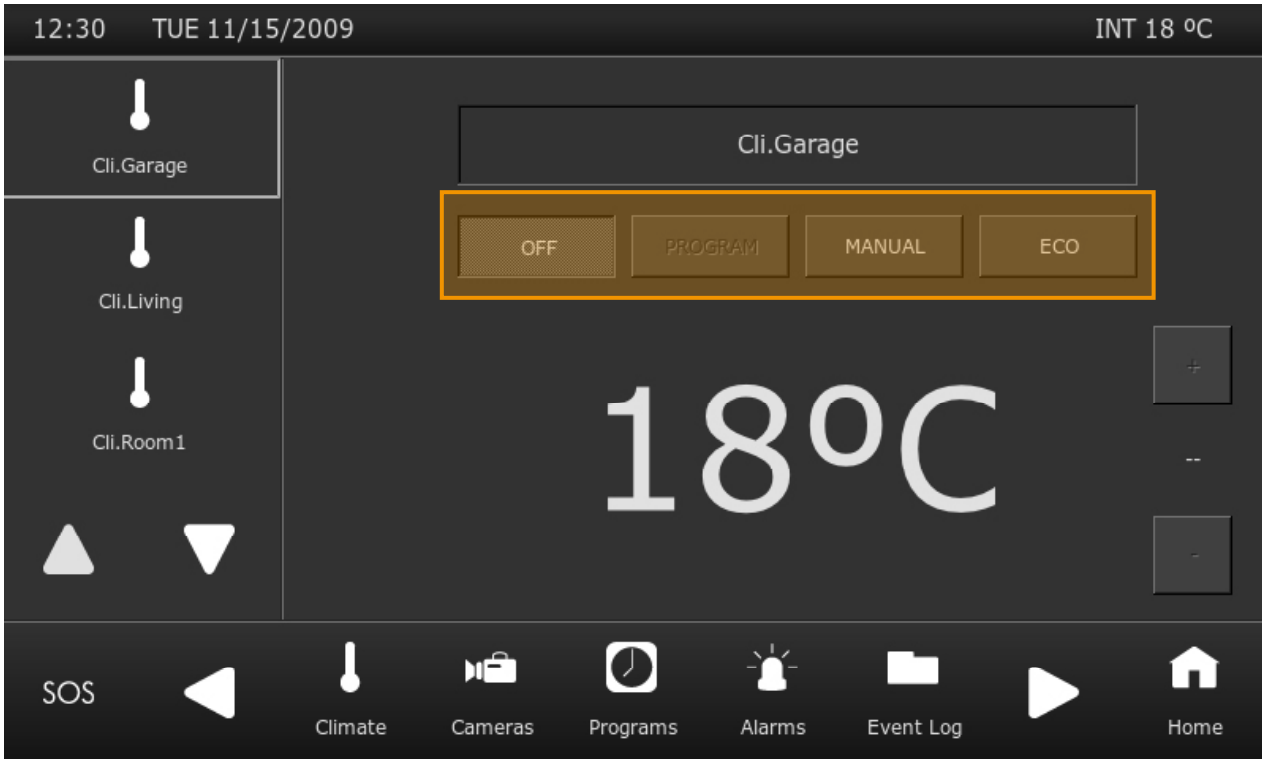


Besides acceding to each HVAC unit from the plan navigation, you can go from the quick access HVAC to the following screen, where you can control all the HVAC zones of the housing:

In the left menu appear all the HVAC units of the housing. If there are more than four HVAC units, two arrows will appear to accede to all of them.



Selecting the wanted HVAC unit, you can modify the working mode and the temperature in the Manual and Eco. modes. The button *OFF* switches off the HVAC of the selected zone. If the Program button is not activated is because the HVAC unit has not assigned any program to it. This assignation is done from the advanced configuration of the HVAC unit. The reference temperature is defined in the associated hour program. See the section 6. HOUR PROGRAMS of this manual.



To a more advanced configuration, you have to accede to the HVAC unit through the plan navigation.

5. Alarms and security

The **vivimat®** III system classifies the possible alarms in two groups:

24h alarms.

- **Fire:** Detection of fire in the housing.
- **Flooding:** Detection of flooding in the housing.
- **Gas:** Detection of gas leakages in the housing.
- **Electric supply cut::** Detection of cuts in the electric supply.
- **Telephone line cut::** Detection of cuts in the telephone line.
- **System:** Detection of errors of own the system.
    - Communication errors through the home automation BUSes
    - GSM without coverage. Not available in this version
    - Low battery
- **Silent:** Alarm that can be activated by the user.
- **Medical:** Alarm that can be activated by the user through a bush button of a bracelet, medallion, etc.
- **Panic:** Alarm that can be activated by the user in a panic situation pushing the ***SOS*** key of the P-VISION-C7(X) screen.

Intrusion alarms or not wanted presence.

- **Intrusion:** Detection of intrusions through presence sensors, glass breakage sensors and open door and window sensors.
- **Sabotage:** Detection of manipulation in the central unit and in the P-VISION-C7(X) screens. You can also configure sensor integrated tampers through **vivimat®** Project.
- **Coercion:** Alarm that can be activated by the user when it is forced to deactivate the intrusion alarm, entering the coercion code.

There are three possible statuses for an alarm:

--: The alarm does not exist
OFF: Alarm turned off
ON: Alarm turned on

From the ***Alarm*** quick access button you can turn on or off all the existing alarms, excepting the intrusion alarm. See the section5.5 Turn on/off the 24h alarm.

5.1 24 hours alarms

They are the technical and personal alarms.

With any doubt about the availability, configuration or maintenance of any of the alarms, consult to an authorized installer.
The **vivimat®** III systems can monitor the following alarm types:

5.1.1 Fire

It allows alerting the fire presence in the housing, as long as it is provided with the corresponding fire sensors correctly installed in the hazard places.
In case of detection of a fire, the system will automatically cut the gas supply of the housing, as long as it has got the corresponding solenoid valve correctly installed.

Considerations to take into account about the fire detections.

1. The election and location of the fire sensors is carried out according to the type of fire to detect and the characteristics of the zone to protect.
2. The fire sensors have to be in good conditions, avoiding the accumulation of dust or grease in its sensor element. You must follow the instructions of the own sensor provided by the installer
3. The fire sensors must not be covered, because this would reduce or stop its detection capacity.
4. The fire sensors have a limited life and require a periodic revision, to assure a correct working order.
5. The gas valves have a limited life and require a periodic revision, to assure a correct working order.
6. It is possible that before turning on again the alarm system you have to turn on manually the gas cut solenoid valve.
7. In case that you want to carry out a trial of a correct working of the fire detection system, consult to an authorized installer.
8. Do not try to simulate a fire by yourself with smoke or heating the sensor, because it can be irreparably damaged.
9. In case of fire, put it out immediately. If it is not possible, do not open the doors, because this will spread it faster and do not stand near them, because they could shatter. Keep save and call immediately to the fire fighters. Do not turn the alarm on again until the fire has completely put out and the place has been ventilated again.
10. The fire sensors can be activated and cause false alarms, in case of high concentrations of smoke in one moment. Examples: high concentration of tobacco smoke, low fires, smoke of a car, etc. To avoid them you can turn the fire alarm off temporally, and also carry out these actions in a place where there are not any fire sensors.
11. It is possible that the fire protection installation may not be supported by the system battery.

How it is generated

vivimat® III can detect fire in the housing. Fire can be detected with different types of sensors, flame sensors or smoke sensors. The sensors are chosen depending on the utility and risks of the place. The fire alarm must be turned n, as well as the telephone

alerts.

The sequence that is generated

- A fire is started in a zone that has got one or some fire sensors.
- The alarm is activated. The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *FIRE ALARM* message.
- (Only if the housing has got a gas cut solenoid valve) The general gas supply is cut automatically.
- It starts the delay time for the siren connection.
- (Only if the housing has got a siren). After the delay time is over, time fixed by the installer in **vivimat®** project, the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the fire alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices.

It is possible that before turning on again the alarm system you have to turn on manually the gas cut solenoid valve. See the section 3.8. Sensors of this user manual.

5.1.2 Flooding

It allows detecting water leakages that can end in a flooding. In order to do this, the system must have the flooding sensors correctly installed in the places of risk.

In case of detecting a flooding, the system can automatically cut the water supply as long as the water supply cut solenoid valve is correctly connected.

Considerations to take into account about the flooding detection:

1. The election and location of the fire sensors is carried out according to the type of the premises and the places with water risk of leakage and/or accumulation.
2. The flooding sensors have to be in good conditions, avoiding the accumulation of water or steam in its sensor element. You must follow the instructions of the own sensor provided by the installer.
3. The flooding sensors must not be covered, because this would reduce or stop its detection capacity. .
4. The flooding sensors have a limited life and require a periodic revision, to assure a correct working order.
5. The water solenoid valves have a limited life and require a periodic revision, to assure a correct working order. The system acts on this valve once a day in a configurable time to avoid that the lime is accumulated on it and shortens its life time.

6. It is possible that before turning on again the alarm system you have to turn on manually the water cut solenoid valve.
7. Once solved the cause of the leakage, turn the system on again, but only after the error is corrected and the zone completely dry.
8. The flooding sensors can detect false alarms, because of concentrations of steam, water accumulations in its sensor element or because it has been touched with the mop. To avoid this, you can turn off the flooding alarm temporally.

How it is generated

vivimat® III can detect water leakages that can end in a flooding. In order to do it, it must have flooding sensors correctly placed.
The flooding alarm must be turned on, as well as the telephone alerts.

The sequence that is generated:

- A flooding is started in a zone that has got one flooding detector. The sensor is preactivated, but the alarm is not generated yet.
- After a time, configurable by the user from the P-VISION-C7(X) screen and if the sensor keeps detecting water, the alarm will be activated. The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the ***FLOODING ALARM*** message.
- (Only if the housing has got a water cut solenoid valve) The general water supply is cut automatically.
- It starts the delay time for the siren connection.
- (Only if the housing has got a siren). After the delay time is over, time fixed by the installer in **vivimat®** Project, the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** Project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the flooding alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices.

It is possible that before turning on again the alarm system you have to turn on manually the water cut solenoid valve.

Configuration of a fire alarm

See the section 5.4 Alarm configuration of this user's manual. The fire sensors can also be configured from the plan navigation. See the section 3.8 Sensors of this user's manual.

5.1.3 Gas

It allows detecting gas leakages of different types. In order to do this, the system must have the flooding sensors correctly installed in the places of risk. In case of detecting a gas leakage, the system can automatically cut the gas supply as long as the gas supply cut

solenoid valve is correctly connected.

Considerations to take into account about the gas detection:

- The gas leakages are only detected in the places provided of gas sensors, correctly installed and regulated.
- The selection and location of the sensors is carried out according to the gas to detect.
- The gas sensors have to be in good conditions, avoiding the accumulation of dust or grease in its sensor element. You must follow the instructions of the own sensor provided by the installer.
- The gas sensors must not be covered, because this would reduce or stop its detection capacity.
- The gas sensors have a limited life and require a periodic revision, to assure a correct working order.
- It is possible that before turning on again the alarm system you have to turn on manually the gas cut solenoid valve.
- In case that you want to carry out a trial of a correct working of the fire detection system, consult to an authorized installer. Because of security you must not simulate a gas leakage, because it can be irreparably damaged.
- In case on an alarm do not act on any electric mechanism. Ventilate the place immediately. Do not turn the alarm on again before the origin of the leakage has been detected and repaired and the place has been correctly ventilated.
- The gas sensors can detect false alarms, because of sprays or alcohols in gas status. Examples: Deodorants, fly-killer, varnish, alcohols come from the cook of food elaborated with wine. To avoid this, you can turn off the flooding alarm temporally.

How it is generated:

vivimat® III can detect gas leakages of city gas, natural gas, propane, butane, and carbon monoxide that comes from an incorrect combustion.

The gas alarm must be turned on, as well as the telephone alerts.

The sequence that is generated:

- A gas leakage that is higher than the security level is produced and the alarm starts.
- The alarm is activated. The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *GAS ALARM* message.
- (Only if the housing has got a gas cut solenoid valve) The general gas supply is cut automatically.
- It starts the delay time for the siren connection. This time is fixed by the installer in **vivimat®** Project.
- (Only if the housing has got a siren). After the delay time is over, time fixed by the installer in **vivimat®** project, the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the flooding alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices.
It is possible that before turning on again the alarm system you have to turn on manually the gas cut solenoid valve.

Configuration of a fire alarm

See the section 5.4 Alarm configuration of this user's manual.

The fire sensors can also be configured from the plan navigation. See the section 3.8 Sensors of this user's manual.

5.1.4 Electric supply CUT

It allows alerting of cut or errors in the 220V electric supply. To make this alarm available, you need an extra battery for the system to support it in case of a electric supply cut. Once the battery has run down the system will be inoperative until the electric supply is established again.

The system monitors continuously the status of the battery. The support battery is used only when there is a electric supply cut. If the potential falls under the threshold or if there is not a support battery, the system detects it and send the message "Low Battery. This indicator is to know the status of the battery in any moment , and when there is a cut it alerts that the system will soon be inoperative.

The detection of the electric supply cut is useful to notice in case of sabotage and in cases where you can loose something because of the lack of electricity (freezer, fridge, aquarium...)

How it is generated

The system detects automatically cuts or errors in the electric supply. To make the electric supply cut detection alarm active, it is necessary that the cut has a minimum length, fixed by the installer in **vivimat®** project and modifiable by the user from the P-VISION-C7(X) screen.

The electric cut alarm must be active, as well as the telephone alerts.

The sequence that is generated

- The system keeps operative thanks to the support battery.
- After the delay time for the activation of the alarm, the buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *ELECTRIC CUT ALARM* message.
- It starts the delay time for the siren connection. This time is fixed by the installer in **vivimat®** Project.
- (Only if the housing has got a siren). After the delay time is over, time fixed by the installer in **vivimat®** pProject, the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** Project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.
- In case of an electric supply cut alarm, they can be two situations: the length of the cut is longer than the battery life, so the system will be inoperative when the support battery runs down, or the supply is established again before it, so the system will return to its normal conditions. In both cases Vivimat will notice you about the situatiion of the system.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the electric supply cut alarm. If there is no one in the housing, the alarm

can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices.

Configuration of a electric supply cut alarm
See the section 5.4 Alarm configuration of this user's manual.

5.1.5 Telephone line cut

It allows alerting of the land phone line cuts with a determined length that is configured in the equipment. The system can inform about this cut as long as is has got a GSM module compatible with the equipment. GSM not available in this version

The sequence that is generated

- There is a telephone line cut in the housing. If after the waiting time the line remains cut, the alarms process starts.
- The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *TELEPHONE CUT ALARM* message.
- It starts the delay time for the siren connection.
- (Only if the housing has got a siren). After the delay time is over, time fixed by the installer in **vivimat®** project, the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** project.
- If the system has a support GSM, the system will inform about the alarm to the configured numbers of the system. Once the alarm has been confirmed, this is not turned on again until the system detects that there is telephone line again. GSM not available in this version

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the telephone cut alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. GSM not available in this version, so this alarm can only be turned off from the P-VISION-C7(X) screen.

Configuration of the telephone line cut alarm

See the section 5.3 Alarm notices of this user's manual.

5.1.6 Medical

vivimat® III can detect the alarm signal that is transmitted from a remote control (medallion) or a fixed push button, indicating that a member of the family needs medical aid.

It can be very useful in families with sick or elderly members.

The medical alarms must be turned on, as well as the telephone notices.

The sequence that is generated

- There is a medical alarm.

- The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *MEDICAL ALARM* message.
- It starts the delay time for the siren connection. This time is fixed by the installer in **vivimat®** Project.
- (Only if the housing has got a siren). After the delay time is over, time fixed by the installer in **vivimat®** Project, the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** Project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the medical alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. Seet the section 5.3 Alarm notices of this user's manual.

Configuration of the medical alarm

See the section 5.3 Alarm notices of this user's manual.

5.1.7 Panic

vivimat® III provides the user the possibility of activating directly the alarm system (siren and telephone transmitter) through the keyboard (panic key) and the fix or mobile push buttons (remote control).

It can be very useful in situations like: aggression attempts or dangerous situations when there are users in the housing. In that case the user activates the alarm system pushing the remote control or a fixed push button.

The panic alarm must be turned on, as well as the telephone alerts.

The sequence that is generated

- There is a panic alarm.
- The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *PANIC ALARM* message. At the same time the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the panic alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices of this user's manual.

Configuration of the medical alarm

See the section 5.3 Alarm notices of this user's manual.

5.1.8 Silent

vivimat® III allows carrying out alarms that do not activate any sound signal and do not show any message in the screen.

The alarm can be activated through a push button connected to an input of the **vivimat®** 3.0 controller board.

When the alarm is active, in case of having telephone communication, the numbers configured in the system will be alerted about the silent alarm.

The silent alarm must be turned on, as well as the telephone alerts.

The sequence that is generated:

- The user activates the silent alarm
- No sound signal will be emitted or no message will be shown in the P-VISION-C7(X) screen, but **vivimat®** III carries out the notices configured via the telephone. See the section 5.3 Alarm notices. Do not assign to this alarm telephone numbers of people that live or can be in the housing.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the silent alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices of this user's manual.

Configuration of the silent alarm

See the section 5.3 Alarm notices of this user's manual.

5.1.9 System

vivimat® III can detect errors in the communication BUS

The system alarm must be turned on, as well as the telephone alerts.

The sequence that is generated

- There is a system alarm.
- The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *SYSTEM ALARM* message.
- It starts the delay time for the siren connection
- (Only if the housing has got a siren). After the delay time is over, time fixed by the installer in **vivimat®** project, the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the system alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices of this user's manual.

Configuration of the silent alarm

See the section 5.3 Alarm notices of this user's manual.

5.2 Intrusion alarms

The system can detect unwanted intrusions in the housing. For it requires the correct connection of the presence sensors, glass breakage sensors and open door and windows detectors.

vivimat® III also allows the activation of the coercion alarm in situations of burglary with intimidation. If the user is forced to deactivate / turn off the system and wants to communicate the situation, it must type the coercion code.

When you type the coercion code, **vivimat®** III is deactivated, however, in case of having telephone communication it will alert to the telephone numbers correctly configured for that situation. It is recommended not to assign to this alarm any number of the housing or anyone's that can be there, because that situation may alert about the activation of the alarm.

The coercion code is the user's code plus the sum of 1 to the last digit (user's code + 1). The intrusion alarm can be turned on in three ways. See the section 5.5 Turn on/off intrusion alarm of this user's manual. The turn on mode, as well as the activation of each sensor in the partial or perimeter mode, is carried out from the P-VISION-C7(X) screen. See the section 3.8 Sensors of this user's manual.

vivimat® III system has got an auto turn on system that allows turning on the intrusion alarm in the configured mode at the time of the day configured. This configuration can be carried out initially from **vivimat®** III, and then can be modified from the P-VISION-C7(X) screen. See the section 5.4 Alarm configuration of this user's manual.

Considerations to take into account about intrusion alarms:

1. The intrusions are only detected in places provided by at least one intrusion sensor, correctly installed and regulated.
2. The election and location of the intrusion sensors is carried out depending on the type of intrusion to detect and the characteristics of the area that we want to protect.
3. The intrusion sensors have to be in good conditions, avoiding the accumulation of dust or grease in its sensor element. You must follow the instructions of the own sensor provided by the installer.
4. The intrusion sensors must not be covered, because this would reduce or stop its detection capacity.
5. The gas sensors have a limited life and require a periodic revision, to assure a correct working order.
6. The presence sensors depending on their technology, can detect false alarms, due to air currents, or the detection of pets. To solve them, do not leave the doors or windows open when the intrusion alarm is turned on, the pets must be in room where there are not intrusion sensors or you can also ask to the installer specific sensors to solve these problems.
7. Leave the housing correctly and from a adequate place.
8. You have to check that there is no one in the zones where there are the presence sensors, and that all the door and windows with opening detection sensors are closed, excepting the zones of entrance and exit (temporize intrusion zones). **In each case, vivimat® III carries out these actions:**

5.2.1 Unwanted presence or intrusion

To have an unwanted presence alarm, the system must be turned on in one of its modes, total/partial/perimeter (check the turn on modes in this application note).

In that case the alarm is generated if any of the active sensors, depending on the turn on mode, produces the alarm.

The sequence that is generated

- Activation of the sound of the buzzer in all the screens of the system. It will not stop until the alarm is turned off. Ask to the technical support.
- Activation of the output of the intrusion siren (internal/external), + system buzzer during a time that can be programmed by the installer from **vivimat®** project, with a maximum f seconds. The local ordinances of each town hall may limit the sound time of the external sirens, and maybe prohibit them. Take into account that ordinances before using this feature.
- Start of the notices sequence, in the way that it has been programmed. The *INTRUSION ALARM* notice is transmitted.
- The receiver of the call can listen what is happening pushing the 2 key of the telephone, while the screens will remain in silence to avoid to alert to the intruder about the telephone call. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a keypad to enter a user's code with enough access level to turn off the alarms.

5.2.2 Coercion

vivimat® III allows the activation of the alarm in situations of burglary with intimidation. If the user is forced to deactivate / turn off the system and wants to communicate the situation, it must type the coercion code.

When you type the coercion code, **vivimat®** III is deactivated, however, in case of having telephone communication it will alert to the telephone numbers correctly configured for that situation.

The coercion code is the user's code plus the sum of 1 to the last digit (user's code + 1). You must carry out a correct code management of the users taking into account the coercion code of each user.

Due to the conflicts that can exist between the user codes and the coercion codes, the master user must assure that there are not consecutive user codes

User codes:	1001	1002	1977
Coercion codes:	1002	1003	1978

INCOMPATIBLES

In the same way, the **vivimat®** III does not accepts the 0000 code, the master user can not allow that any user has got the 9999 code, because the 0000 coercion code will not work correctly.

The coercion alarm must be turned on, as well as the telephone notices.

The sequence that is generated

- In a intimidation situation the attacker orders to the user to turn the system or the alarm off.
- The user, instead of entering its code, will enter the coercion code.
- The P-VISION-C7(X) screen will show that the system has turned of the alarm with the correct code, but the telephone calls to the assigned numbers to notice coercion alarm will start. Do not assign to this alarm telephone numbers of people that live or can be in the housing.
- **vivimat®** III alerts via the telephone about the coercion situation. See the section 5.3 Alarm notices.

5.2.3 Sabotage

vivimat® III can detect sabotage attempts in some of its elements as presence sensors, power supply box, screens, etc. The system generates an alarm in case of detecting the manipulation of any of these Elements.

The sabotage alarm, in case of existing, is always turned on.

The sequence that it generates

- There is a sabotage attempt in a protected element
- The buzzer starts working and the P-VISION-C7(X) screens start sounding. The P-VISION-C7(X) screens will show the *SABOTAGE ALARM* message.
- (Only if the housing has got a siren). In the same time the siren will be activated. This will remain during the siren duration time, time fixed by the installer in **vivimat®** Project.
- (Only if the telephone alerts are activated and the system is connected to a working telephone line). The sequence of the notice telephone calls starts. See the section 5.3 Alarm notices.

How to turn it off

The P-VISION-C7(X) screen shows a window to turn off the sabotage alarm. If there is no one in the housing, the alarm can be confirmed when the system carries out the notice. See the section 5.3 Alarm notices of this user's manual.

5.3 Alarm notices

The **vivimat®** III systems can generate a external notices sequence when an alarm is activated.

Type of notices:

- Telephone notices.
- ARC notices.
- SMS. GSM not available in this version
- E-mail. GSM not available in this version

The system can carry out eight telephone calls. Two of them can be configured to be ARC calls.

All the alarms of the security systems of **vivimat®** III can be configured to carry out notices. See section 5.4 Alarm configurations.

5.3.1 Telephone notices

The sequence of the alerts of the **vivimat®** III system is the following:

- There is one or more alarm and the system has to carry out the notices.
- Calls are made sequentially. It starts by marking the first number of the directory that is associated with the alarm that has been triggered, and waits for a response. If the system does not receive any confirmation, it will call the next number in the corresponding directory.

The system stops carrying out notices when all the alarms have been confirmed or when it calls to all the numbers of the directory 4 times.

When answering the call, the user answers with "Hello" or a similar phrase and after that the user will be able to hear the alarm message. **vivimat®** III requests a confirmation of the call reception (please check that the telephone called is multifrequency, otherwise the alert cannot be confirmed). The confirmation of technical alarms is carried out by the 0 key of the called phone; with this confirmation the system will leave calling the other phones on the list. However, the alert process goes on if there are other alarms that have not yet been notified (e.g. because of being assigned to another phone). If all numbers of the directory have been called, and if all existing alarms have been reported and confirmed, the telephone alerts will stop, the alarms will deactivated and the siren will stop.

In case of an intrusion alarm you have two possibilities, confirm it with the 0 key or the 1 key from the called phone:

- If you confirm with the 0 key the system stops calling other phones, it stops the siren and deactivates the intrusion alarm. If the user wants to rearm the alarm, it has to do it via a telecontrol call.
- If you confirm with the 1 key the system stops calling other phones, it stops the siren, and also deactivates the intrusion alarm; furthermore it will automatically rearm this alarm (no need to make another telecontrol call).

- Only when it is a notice of a intrusion alarm 2 the system activates the speaking-listening mode.

The speaking-listening mode establishes communication with one of the terminals of the housing. When the housing has got more than one terminal, firstly establishes communication with the id 1 terminal. Pushing the key 2 you can go to communicate with the terminal with the consecutive id, going back to the id 1 if it does not exist.

The speaking-listening mode will be cut after 45 seconds, or simply finishing the telephone call.

Notices to the Alarm Receiver Central (ARC)

vivimat® III allows the call to an ARC in case of being an alarm. The system follows the previous procedure, it follows the directory carrying out telephone calls. When the contact is of the ARC type, the system carries out the call. When the call is confirmed the ARC will act following its procedure to notify the alarm.

5.4 Alarm configuration

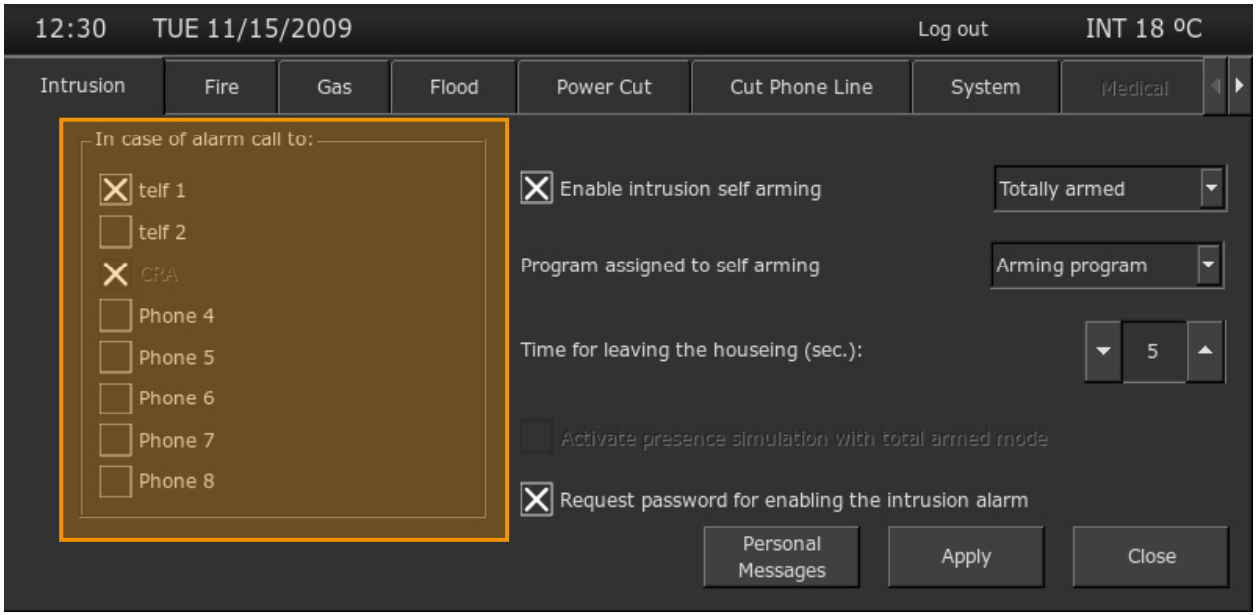
You can accede to the alarm configuration from the quick access *Configure* ⟶ *Security.*

The following screen shows the alarms managed by the system through the tabs on the top on the screen.The tabs of the alarms that do not exist are not active.

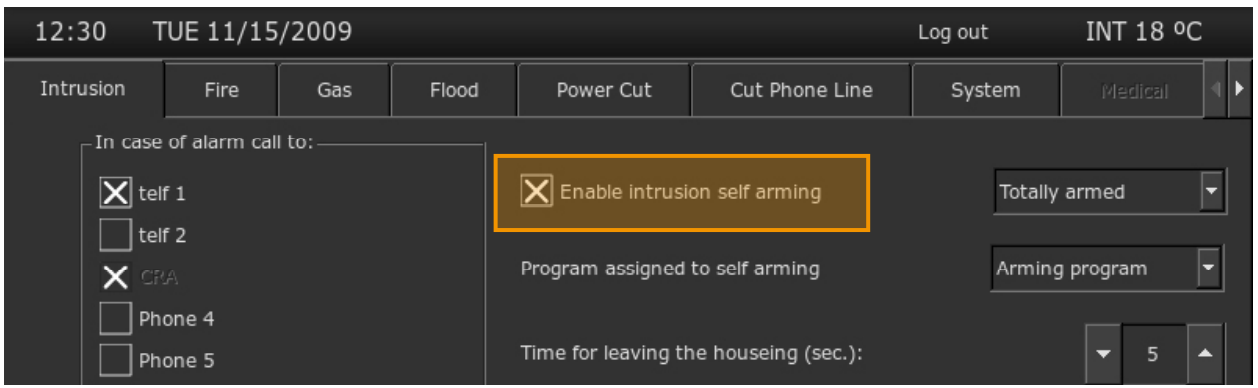
Intrusion alarm

Pushing in the corresponding tab it shows the following information:

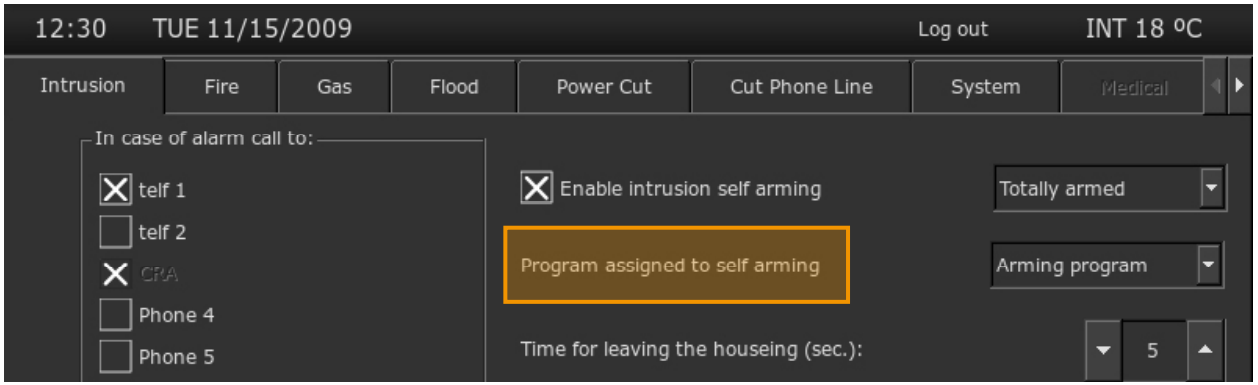
- Call in case of alarm to: Pushing in each square, you can mark with an X the users of the directory that the system will alert in case of a detection of an intrusio. See the section 13.TELEPHONY.



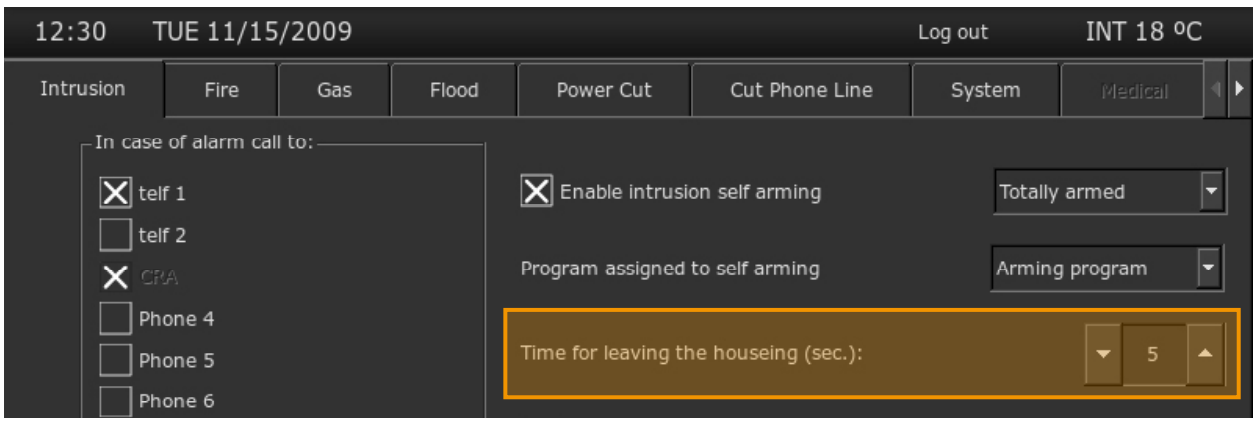
- **Activate the intrusion auto turn on:** It allows turning on automatically the intrusion alarm in the time that will be determined by the associated program. The down list of the right of the activation of the auto turn on allows selecting the mode that the alarm will turn on automatically. The turn off must be carried out from a terminal or with a proximity tag.



- **Program associated to the auto turn on:** Select the wanted hour program to the auto turn on. The program must be of the ON/OFF type and must be a time slot when the program changes from *OFF* to *ON*. See the section 6 HOUR PROGRAMS of this document.



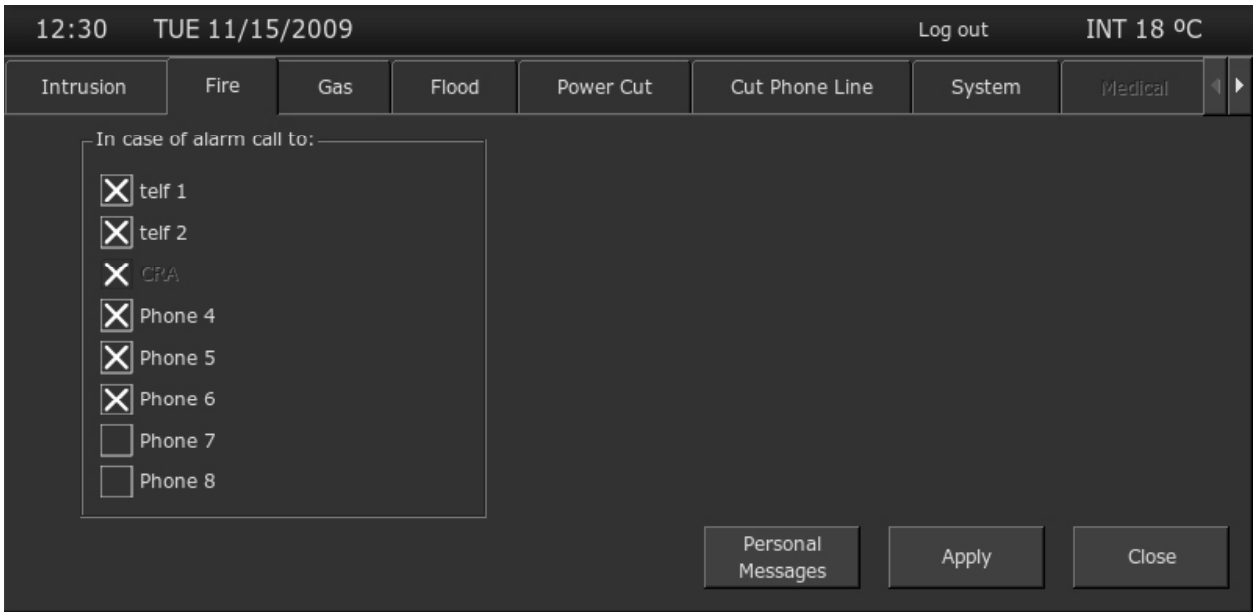
- **Minimum turn on time (sec):** It allows selecting that goes after activating the intrusion alarm, from when the system does not detect presence until the system is turned on. The system sends sounds while it is detecting a presence. Once it dies not detect presence, (example: the user leaves the housing) the screens beep with a higher frequency in this minimum turn on time, and when they finish the system is finally turned on.



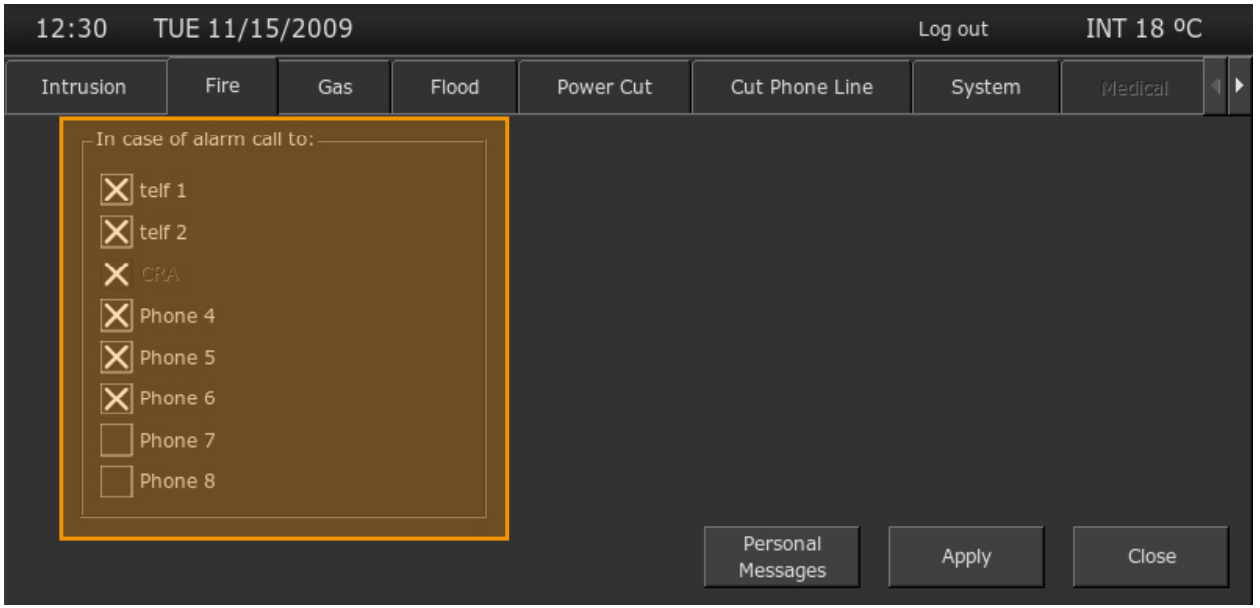
El sistema permite que exista un retardo entre que el sensor de intrusión detecta presencia y el sistema tome en consideración la alarma de intrusión. Esto es especialmente válido para los casos de elementos que permiten la desactivación de la alarma a las personas autorizadas: pantallas, lectores de llaves.

La entrada a la vivienda debe realizarse a través de zonas protegidas con retardo. Por seguridad, nunca se debe proteger la central domótica con un sensor que tenga asociado un retardo. See the section 3.8 Sensors of this document.

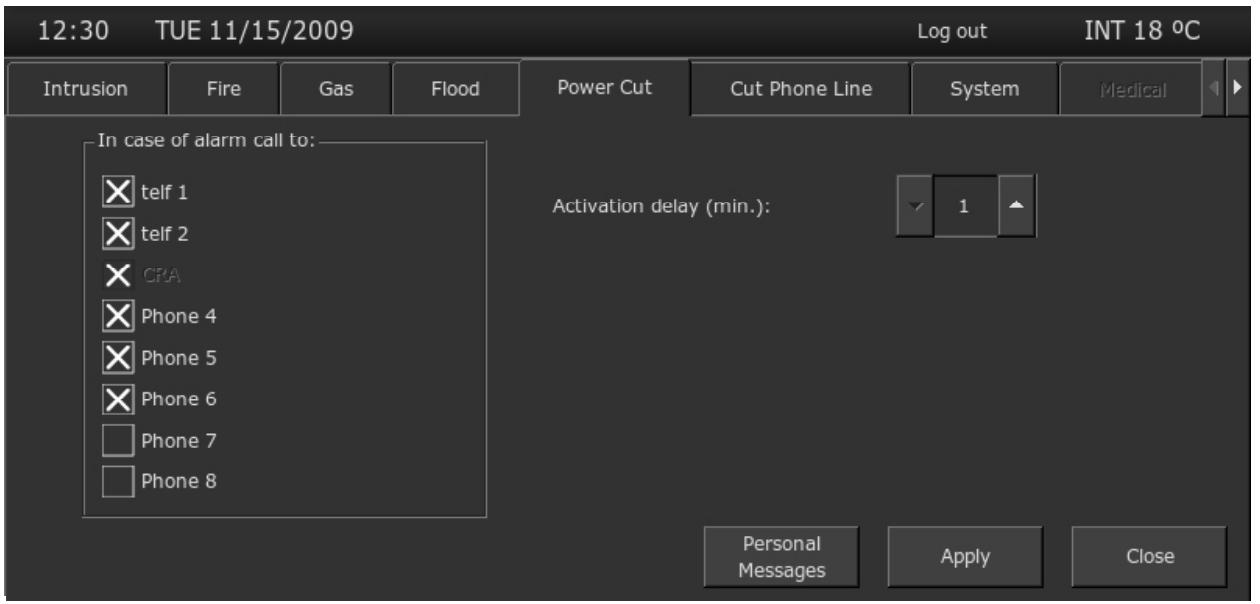
Fire alarm, gas alarm, flooding alarm, system alarm, medical alarm, silent alarm, sabotage alarm, coercion alarm.
In all cases the screen shows the same information.



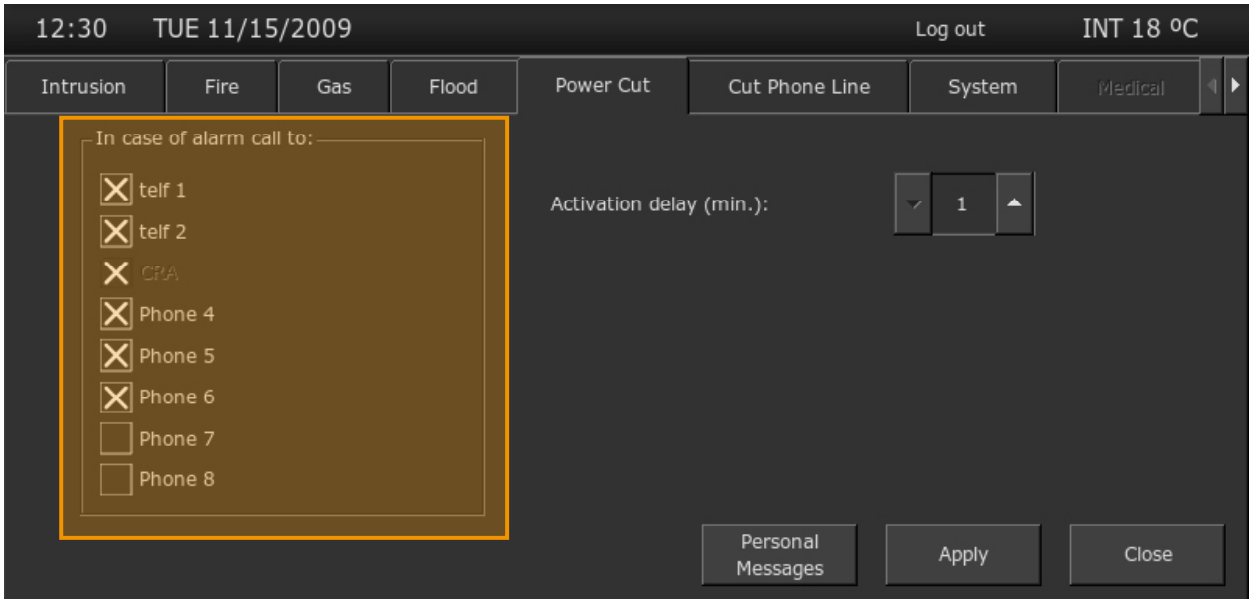
- **Call in case of alarm to:** Pushing in each square, you can mark with an X the users of the directory that the system will alert in case of a detection of an intrusion. See the section 13 TELEPHONY of this document.



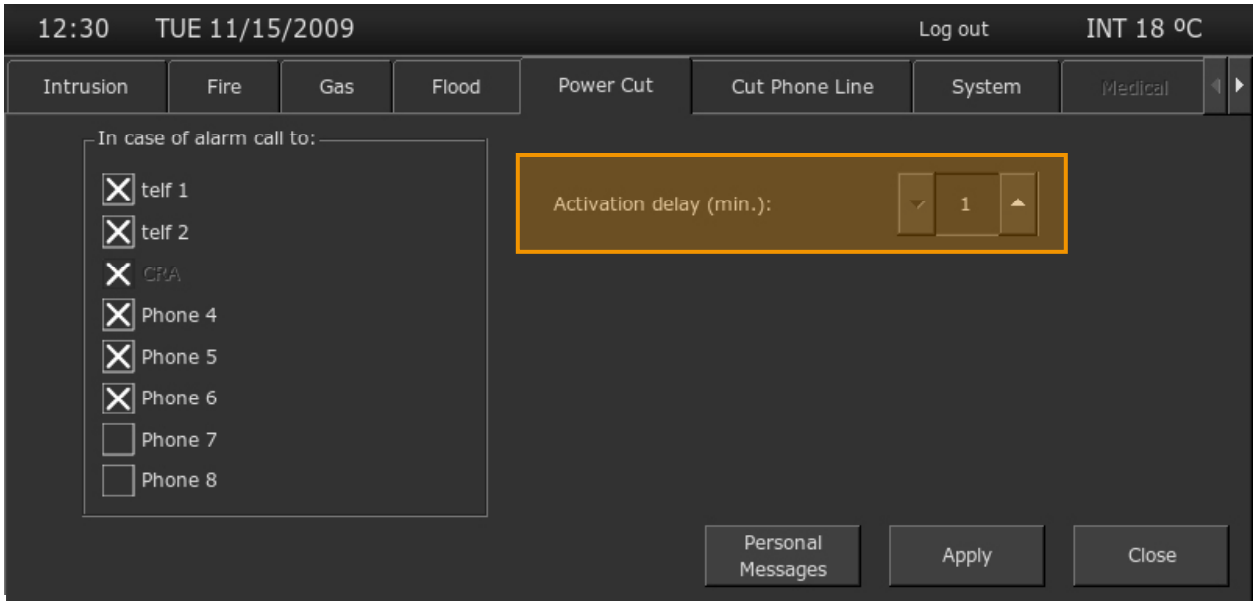
Electric supply cut alarm, telephone line cut alarm



- **Call in case of alarm to:** Pushing in each square, you can mark with an X the users of the directory that the system will alert in case of a detection of an intrusion. See the section I 3.TELEFONÍA of this document.



- **Delay to the activation (minutes):** Time that ha to pass since the cut is detected until the alarm is active. Especially useful to avoid the notifications of the little cuts.


12:30
TUE 11/15/2009
Log out
INT 18 ºC
Intrusion
Fire
Gas
Flood
Power Cut
Cut Phone Line
System
Medical
In case of alarm call to:
telf 1
telf 2
CRA
Phone 4
Phone 5
Phone 6
Phone 7
Phone 8
Activation delay (min.):
1
Personal Messages
Apply
Close

5.5 Turn on/off the 24h alarm

To turn on/off the 24h alarms you have to push the quick access ***Alarms*** that carries you to the following window:

With each pushing on the wanted alarm changes from ***ON*** to ***OFF*** and vice versa. For example, in the previous screen there are turned on the fire, gas, flooding, panic and silent alarms, and the others are not.

Pushing on the button ***Electric Cut***, you turn on this alarm and you will see ***ON***.

5.6 Turn on/off the intrusion alarm

To turn on the intrusion alarm you have to push the quick access Security. You must be identified as a high level user or a higher one to accede to this menu. See the screen 2.7 Acces levels of this document.

Perimetral arming

The idea of this mode is that the user is in the housing and can move through it with total freedom, but the sensors that protect the perimeter of the housing are active (open doors/windows, infrared barriers...) and in case of an intrusion, the alarm will start.

Parcial arming

In this mode you can define the sensors of determined rooms of the housing as active, while the others can be inactive. This can be useful when there is service personal in the housing and you do not want them to go to certain places of the housing.

Total arming

All the sensors related with the intrusion detection are active (the perimeter sensors, as well as the internals). This mode is the one that the user has to use when it leaves the housing and it is completely empty.

How to turn off the intrusion alarm:

Disarming intrusion alarm

- If it is turned on in the partial or perimeter mode, the user can interact with the system and to turn the alarm off must go to the quick access Security, where the access code will be asked. To do it, the user must have enough permissions. See the section 2.7. Acces levels of this document.
- If it is turned on in the total mode, in the screen will be shown a keyboard to enter the user's code to turn the alarm off. To do it, the user must have enough permissions . See the section 2.7. Acces levels of this document.

The detection of an unwanted presence is carried out through the presence sensors, open door/windows and broken glass sensors. The definition of the sensors that must be active in each turn on modes is carried out from the plan navigation. See the section 3.8 Sensors of this document.

If the alarm is turned on, the status bar shows a different icon to each turn on mode:

Intrusion alarm total turn on

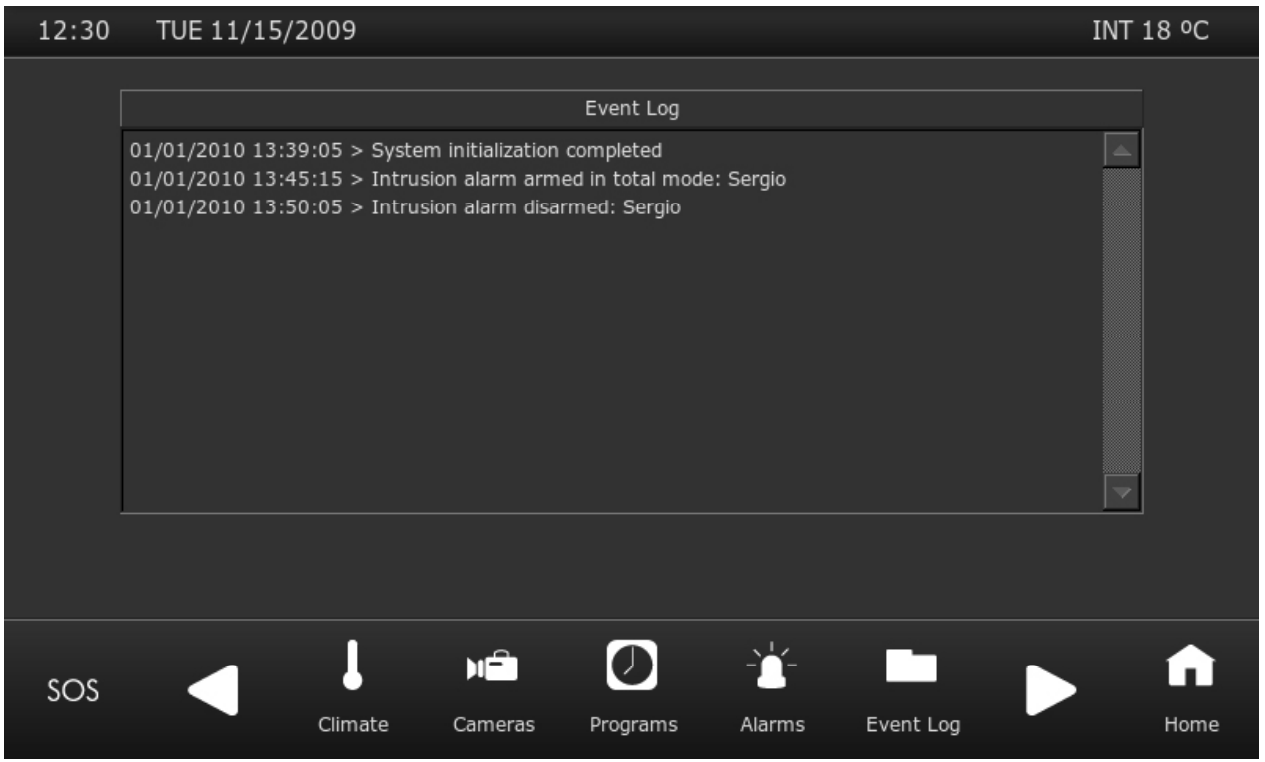
Intrusion alarm partial turn on

Intrusion alarm perimeter turn on

5.7 Events history

The system has got the register of the last 100 events related with the security and alarms that have carried out. each event is registered with its information of the date and hour. You can accede pushing the quick access key ***History***.

When the screen has loaded all the events, these are shown in chronological order, starting from the last one



The following events are registered in the system:

- Turn on/off of the intrusion alarm. It also is registered the user that has turned on/off the alarm, if it was previously de fined.
- Activation and deactivation of the different 24h alarms.
- Alarm notices that have carried out.
- Determined running errors of the home automation system.

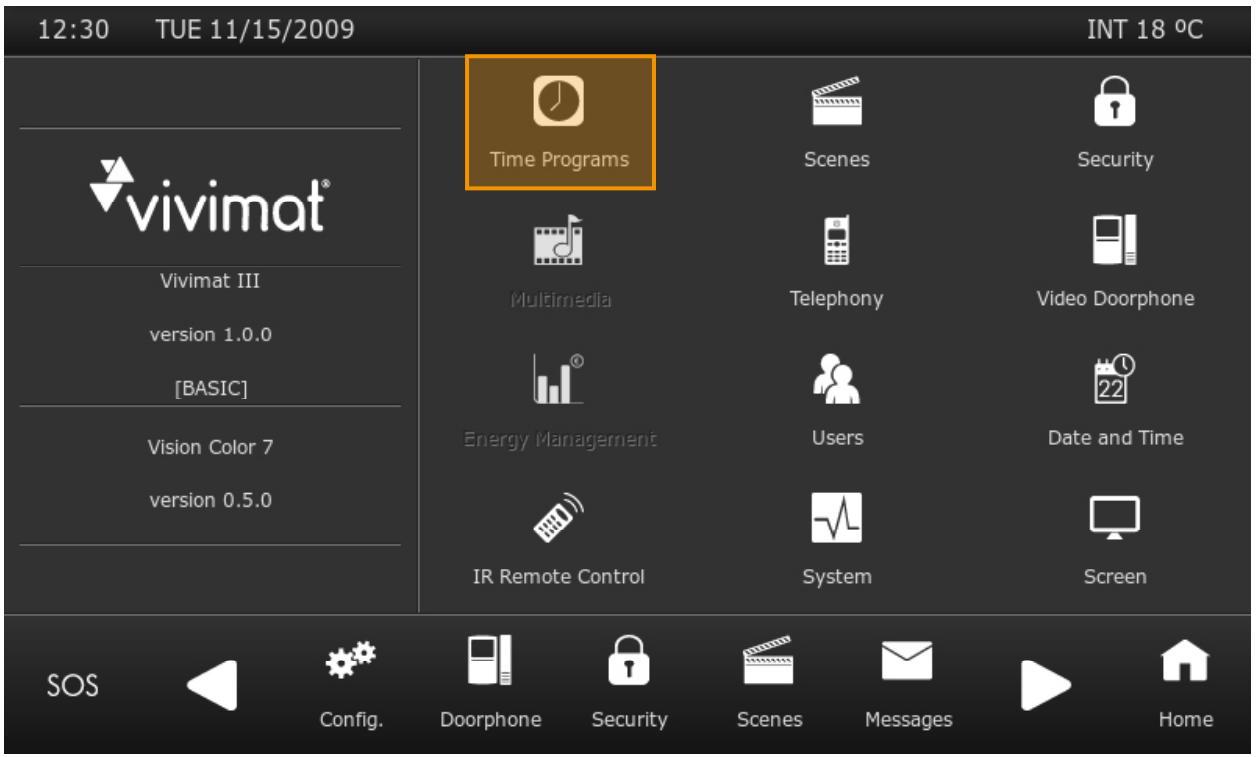
6

6. Hour programs

The **vivimat®** system allows defining up to 20 hour programs that can be shared and selected in its corresponding configuration menu (Program) by the different elements to control existing in the housing (light, blinds, devices, irrigation, etc.) One program can be shared by different control elements.

As an example, a program can be associated to a regulated light to be switched on to 80% at 17:30 and to be automatically switched off at 19:00. If at 18:00 the intensity of the light is changed from the screen to 50%, the system will accept the order and will continue with the program, so it will be switched off at 19:00.

To create, modify and delete programs, you can accede there pushing the quick access key ***Configure*** and then ***Programs*** or from the quick access key ***Programs*** if it has been activated.



There are three categories of programs depending on the reference values available that can be selected in Type.

- **Temperature:** The assigned value to each time slot must be between the minimum and maximum reference temperature. These temperatures are established by the installer.

- **0-100%:** The assigned value to each slot will be a percentage to select among the following: 0%, 20%, 40%, 60%, 80% o 100%.
- **ON/OFF:** The assigned value can be ON or OFF.

In the list you can see for each program the name that it identifies, the type of program, the week days when it is carried out. In addition, there are two icons to carry out different actions:

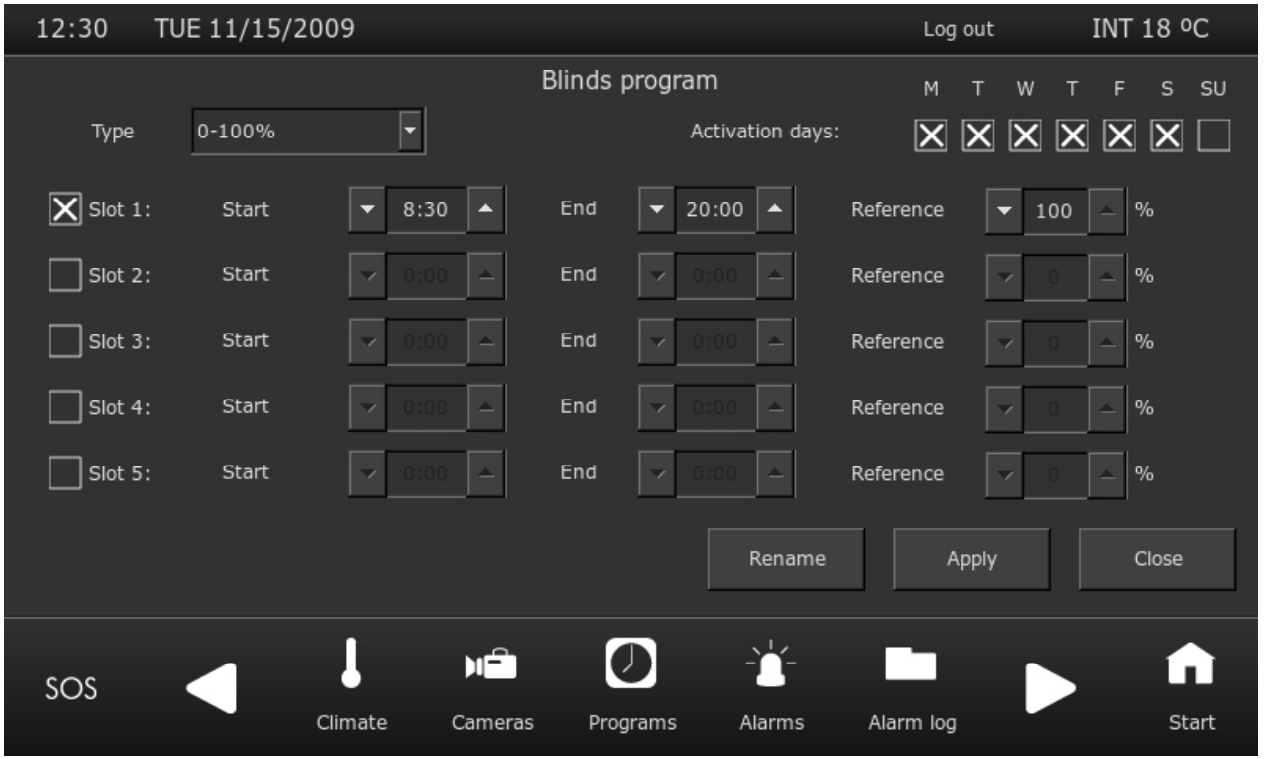
Create of modify program.

Delete program.

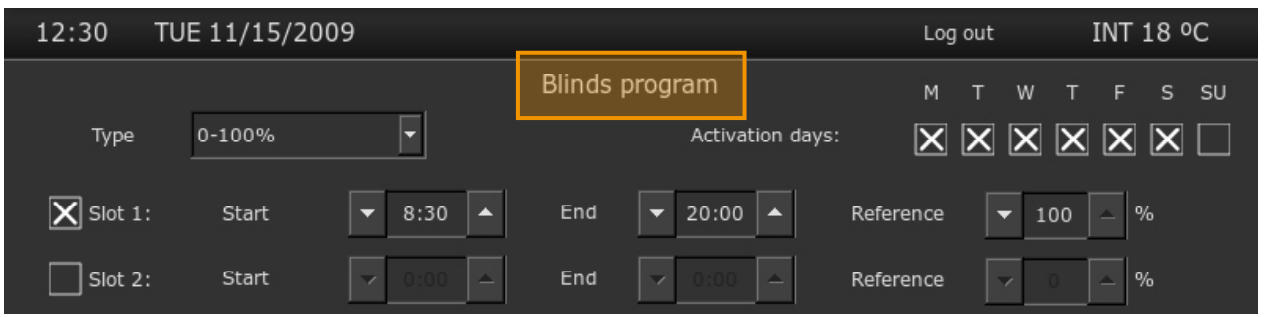
6.1 Create / modifiy programs

To modify or create a new program, you push the icon of the pencil of the corresponding program or of an empty line.

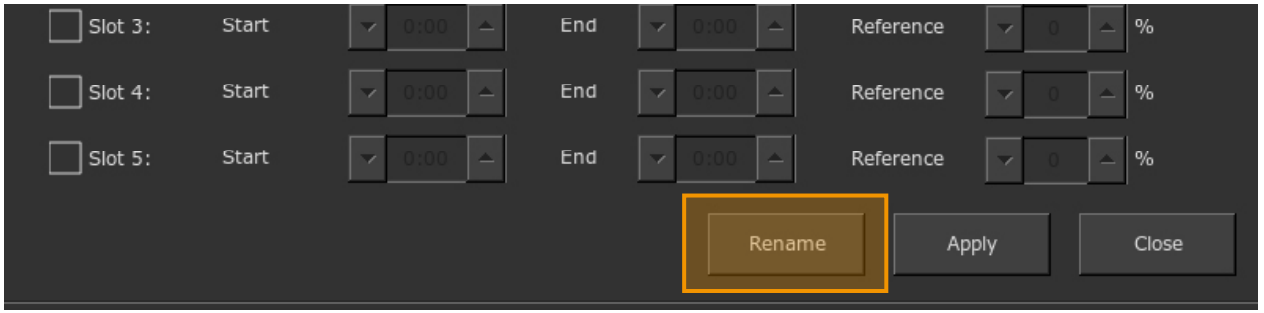
Next screen:



In the top there is the name of the program.



Pushing ***Rename***, that it is in the bottom side and acting as it is explained in the section 2.6. Numerical and alphanumerical keyboard.



To define the days that the program is going to be carried out, it is enough with selecting them with an X in its corresponding square in:

M	Monday
T	Tuesday
W	Wednesday
T	Thursday
F	Friday
S	Saturday
S	Sunday

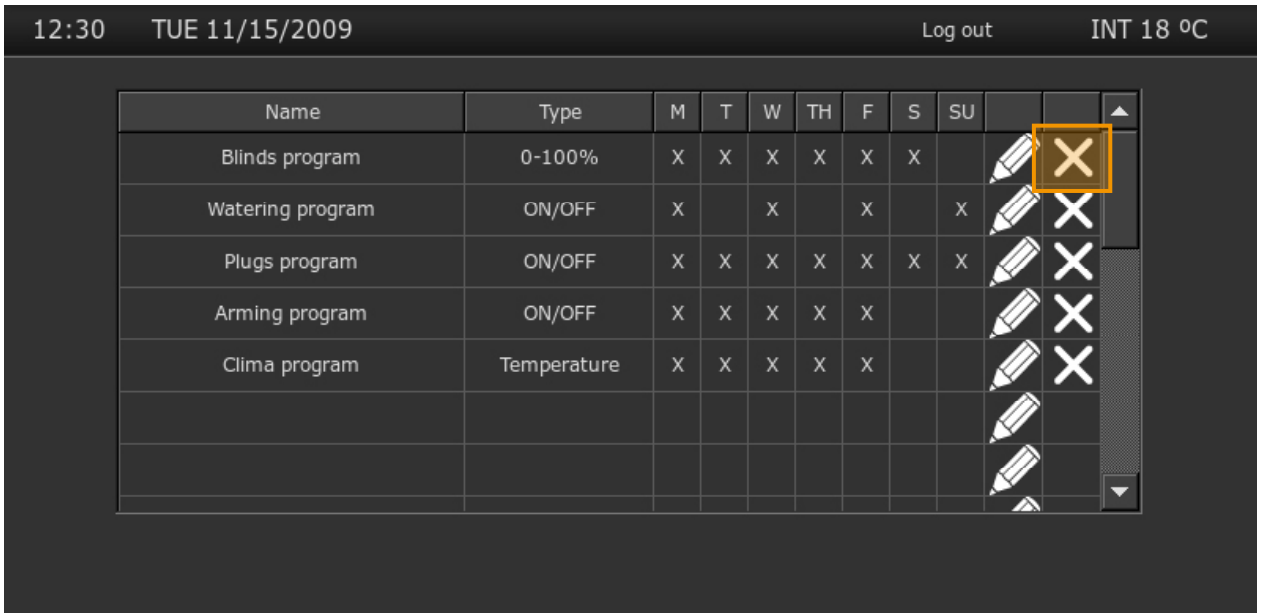
All programs have got up to 5 time slots each day, with a minute resolution to the start and finish times. To activate a slot push in the square of its left, indicating an X. To change the start and finishing times, push in the corresponding squares. In the same way, you can select the reference value of each slot located in the right of it.

When an element controlled by the system is programmed, when entering to a slot the system sends an order to the element to activate it with the corresponding reference value, and when the slot is finished it sends another order to deactivate the element.

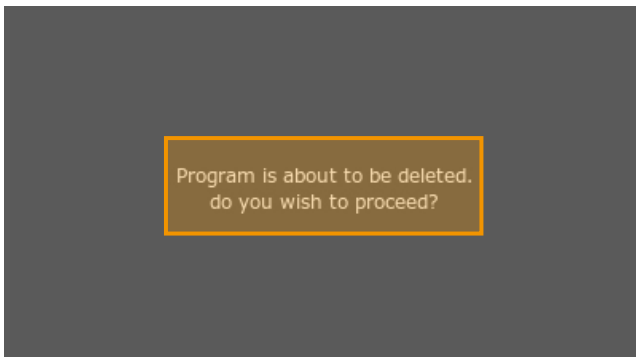
To validate the entered changes push Apply, to ignore them push ***Close***.

6.2 Delete program

To delete a program, push the icon of *Delete* the program.



Dialogue will appear to confirm or cancel the action.

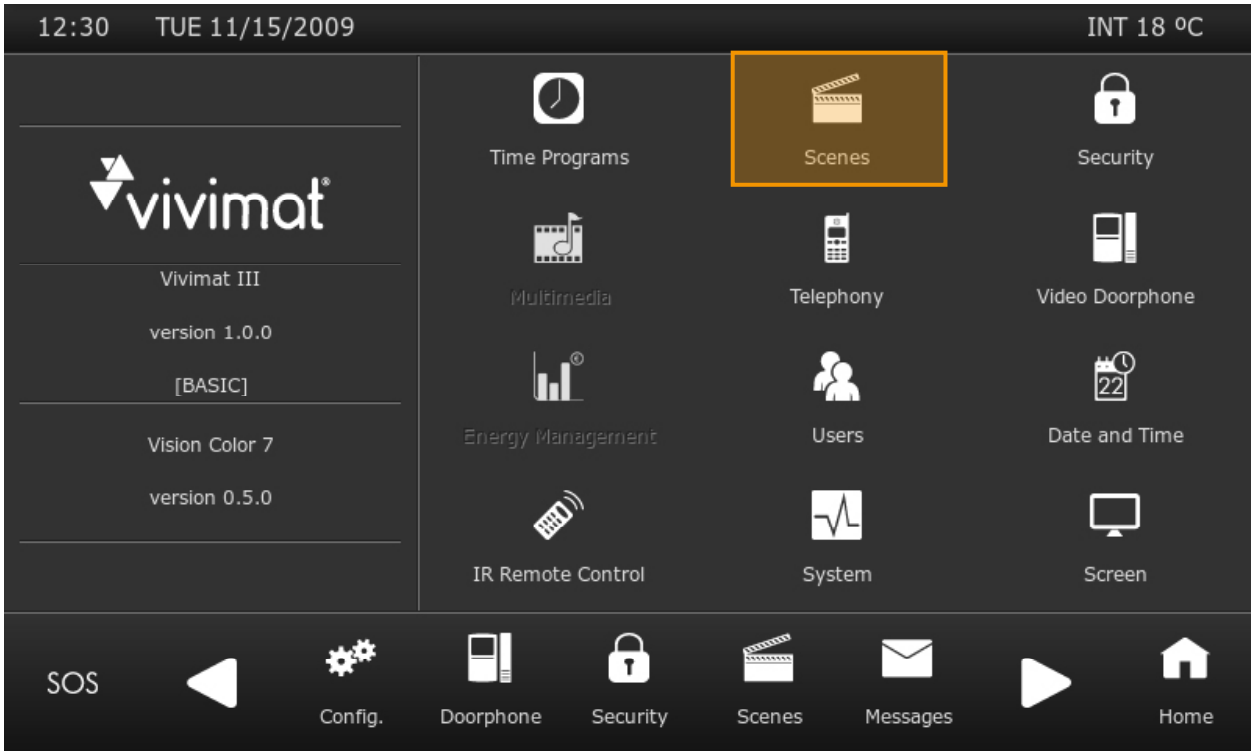


7. Scenes

A scene contains a list of actions or events programmed to be executed sequentially. At any point in time, the user can give an order for a scene to be run or programmed once a number of pre-established conditions have been met.

vivimat® III systems allow you to create up to 20 scenes, each one containing a maximum of 20 actions.

To create, modify and/or delete a scene, first press fast access button *Configure* and *Scenes* second:



Each scene is given a name and three icons on the left:

Change scene.

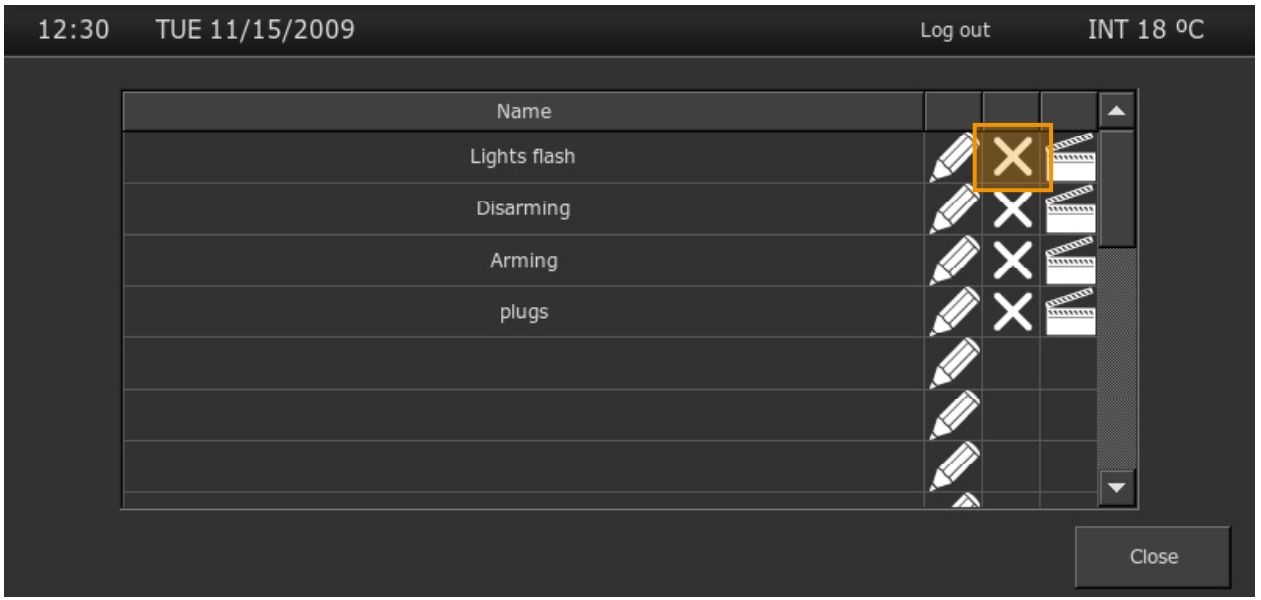
Deleted scene.

Condition scene.

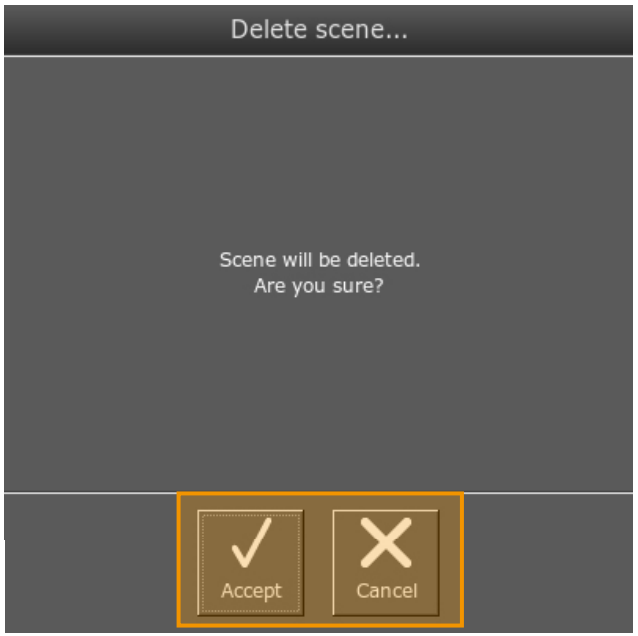
To create a new scene, press on a pencil icon where the line is blank.

To change a scene, press on the pencil icon of the scene to be changed. In both cases, access is provided to the scene configuration screen.

To delete a scene, press the ***Delete Scene*** icon on the right.

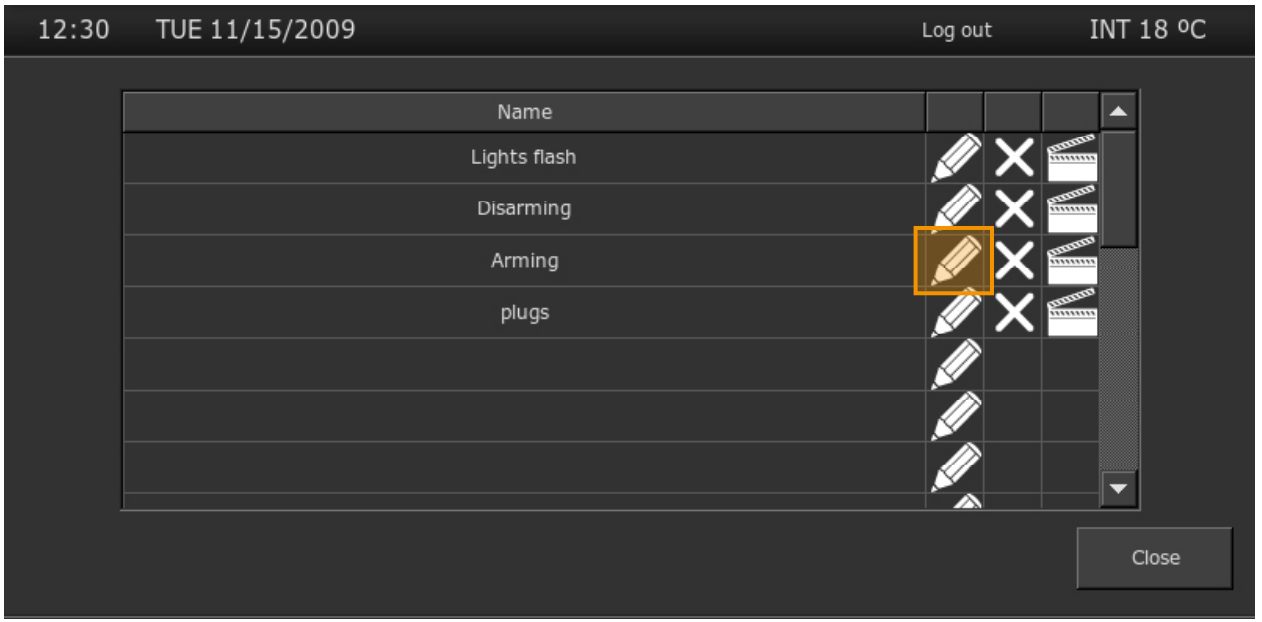


A confirmation request will then appear *Accept* or *Cancel*.

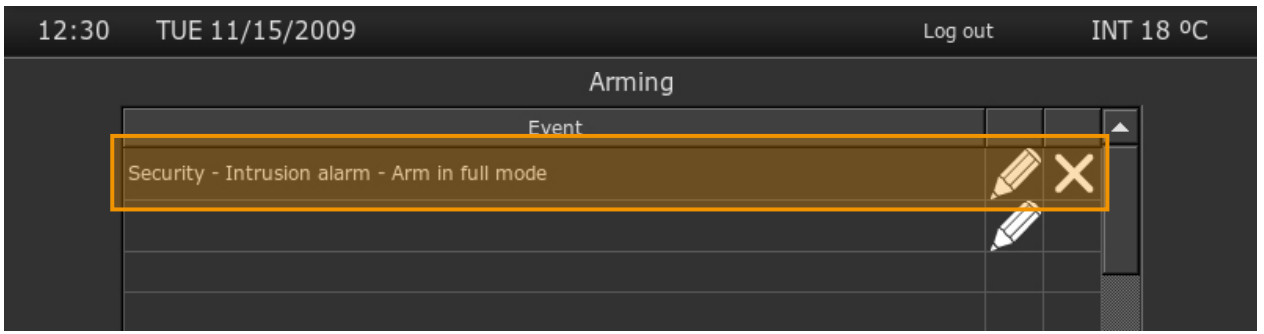


7.1 Configuring events

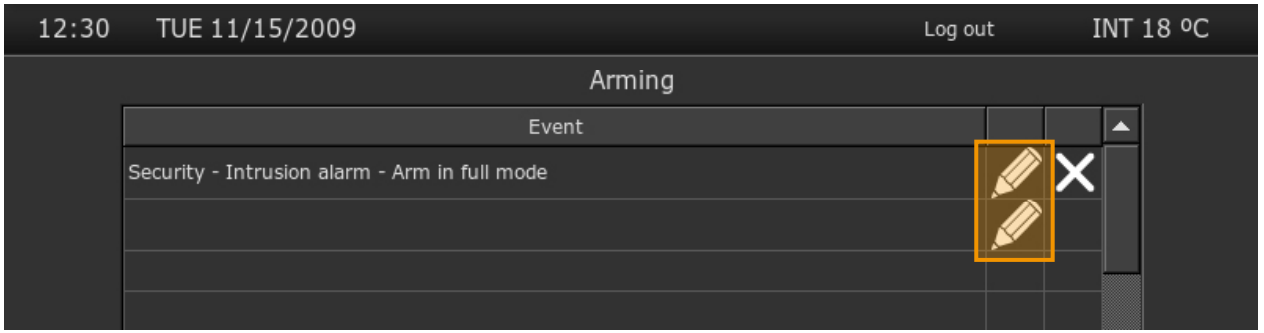
To change an event, press on the pencil icon of the corresponding event.



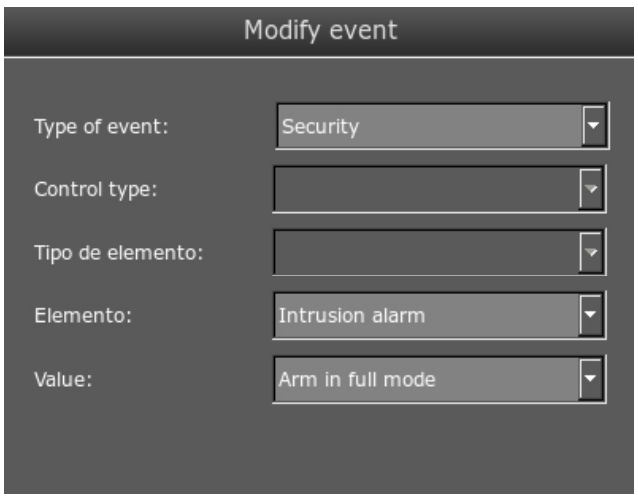
To delete an event, press on the corresponding icon. A dialogue box will then appear allowing you to accept or reject an action.



To create a new event, press on the pencil icon that appears on the last blank line. To change an event, press on the pencil icon of the corresponding event.



The following dialogue box come us up whenever an event is created or changed:



Should you intend to define an event, it might be necessary to specify up to five fields as a function of the action to be configured. There are seven kinds of actions:

- Lighting

- Motorised devices
- Devices
- Watering units
- Security
- Postponement
- Climate control

The fields to be filled out for each event are explained hereunder:

7.1.1 Lighting

Type of control:

- Individual light: Controlling only one light.
- Area lights: Controlling all area lights.
- All lights: Controlling all the lights in the home.

Type of Item:

- Light ON/OFF: Lights can be turned on and off.
- Dimmable lights: Allowing for light intensity adjustments.
- All types: all kinds of lights, whether ON/OFF or dimmable

Item:

The options available are shown according to the type of item and type of control selected.

		Type of element		
		Light ON/OFF	Dimmable lights	All lights
Type of control	Individual light	All ON/OFF lights in the home are displayed	All dimmable lights in the home are displayed	All lights in the home are displayed
	Area lights	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed
	All lights	Field disabled.Actions affect all ON/OFF lights	Field disabled. Actions affect all dimmable lights	Field disabled.Actions affect all lights in the home

Value:
Potential values depend on the type of control and type of elements selected.

		Type of element		
		ON/OFF Light	Dimmable light	All lights
Type of control	Individual light	0% - 100%	0% - 20% - 40% - 60% - 80% - 100%	0% - 100%
	Area lights	0% - 100%	0% - 20% - 40% - 60% - 80% - 100%	0% - 100%
	All lights	0% - 100%	0% - 20% - 40% - 60% - 80% - 100%	0% - 100%

7.1.2 Motorized devices

Type of control

- Individual dev.: Controlling only one motorised device.
- Area Dev.: Controlling motorised area devices.
- All devices: Controlling all motorised devices in the home

Type of element

- Ordinary blind
- Positional blind
- Grouped blinds
- Any blind
- Ordinary awning
- Positional awning
- Grouped awning
- Any awning
- Ordinary curtain
- Positional curtain
- Grouped curtains
- Any curtain
- Motorised door

Item
The options available are shown according to the type of item and type of control selected.

		Type of elements				
		Ordinary blind*	Positional blind*	Grouped blinds*	Any blind *	Motorised door
Type of control	Individual device	All ordinary blinds in the home are displayed	All positional blinds in the home are displayed	All grouped blinds in the home are displayed	All blinds in the home are displayed	All motorised doors in the home are displayed
	Area device	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed
	All devices	Field disabled. Action affects alll ordinary blinds in the home	Field disabled. Action affects all positional blinds in the home	Field disabled. Actions affects all grouped blinds in the home	Field disabled. Actions affects all blinds in the home	Field disabled. Actions affects all motorised doors in home

* Identical for Awnings and Blinds.

Value

The options available are shown according to the type of item and type of control selected.

		Type of elements				
		Ordinary blind*	Positional blind*	Grouped blinds*	Any blind*	Motorised door
Type of control	Individual device	0% - 100%	0% - 20% - 40% - 60% - 80% - 100%	0% - 100%	0% - 100%	Close/Open
	Area device	0% - 100%	0% - 20% - 40% - 60% - 80% - 100%	0% - 100%	0% - 100%	Close/Open
	All devices	0% - 100%	0% - 20% - 40% - 60% - 80% - 100%	0% - 100%	0% - 100%	Close/Open

* Identical for Awnings and Blinds.

7.1.3 Devices and plugs

Type of control

- Individual device: To control one device.
- Area device: To control area devices.
- All devices: To control all devices in in the home.

Item

- Individual device: Displays all devices in the home.
- Area devices: Displays all areas in the home.

Value

Available options: ON / OFF

7.1.4 Watering

Type of control

- Individual watering: To control only one watering unit.
- Area watering: To control area watering.
- All watering units: To control all watering units in the home.

Item

It varies as a function of the type of control selected:

- Individual watering: shows all watering units in the home.
- Area watering: Shows all watering all areas in the home.
- All watering units: This combo is disabled as actions affect all watering units.

Value

In all instances, you can only select the Encender / Apagar. (ON/OFF) options.

7.1.5 Security

Item

- Intruder alarm
- Fire alarm
- Gas alarm
- Flood alarm
- Electric black-out alarm
- Telephone cut-off alarm

- System alarm
- Medical alarm
- Panic alarm
- Silent alarm
-Sabotage alarm

Value

For the intruder alarm:

- Arming in the perimetral mode
- Arming in the partial mode
- Arming in the total mode
- Desarming
- Partial disarming
- Activate alarm

For all other alarms:

- Activate alarm

7.1.6 Postpone

This event is used to postpone the execution of the following action defined in the scene.

Value

Available postponement settings: 1, 3, 5, 10, 20 and 30 seconds.

7.1.7 Climatic control

Type of control

- Individual climate control unit
- All climate control units

Item

Depends on the type of control selected:

- Individual climate control unit: All units in the home are displayed.
- All climate control units: This combo is disabled because action affects all units.

Mode of operation

- Disconnection
- Manual mode

- Programme mode
- Economical mode

To validate and save the creation and/or changes of an event press *Apply* or *Cancel* to disregard.

7.2 Conditions

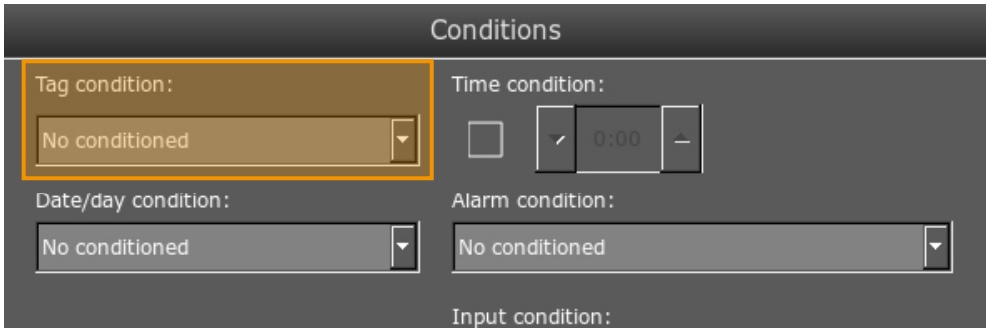
To programme a scene so it can be run automatically once a number of pre-established conditions have been fulfilled, press on the ***Condition*** scene on the scene list.

A scene can be associated with a maximum of five conditions. A scene will be run automatically once all the conditions defined are simultaneously fulfilled.

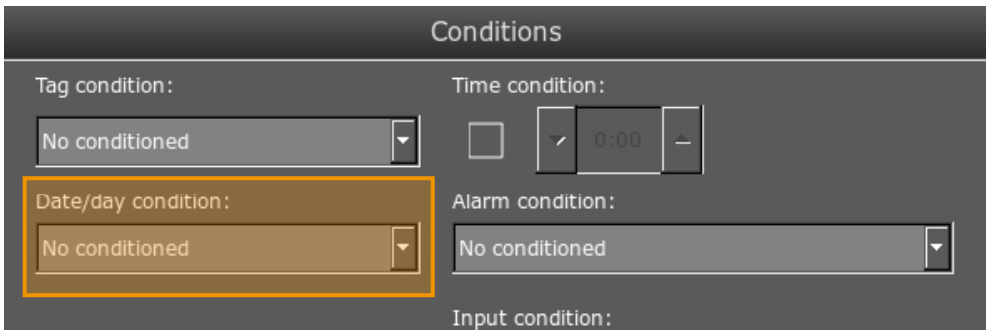
The following types of conditions exist:

Key condition:

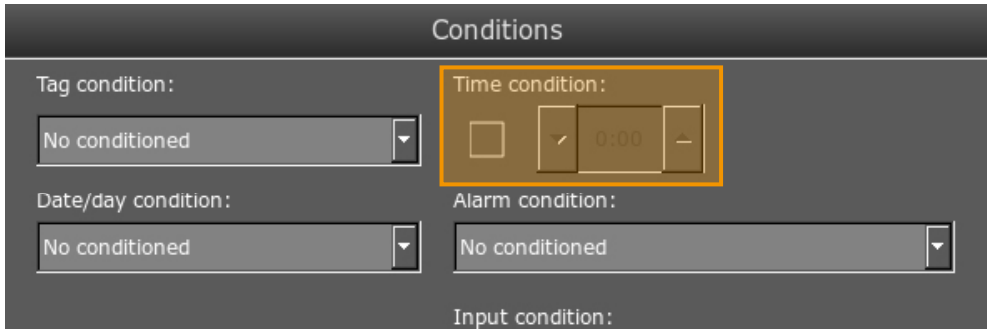
- Any key: The scene will be run subsequent to reading with any of the proximity keys.
- Key types A, B, C, D, E, F: The scene will be run subsequently to reading with any of the proximity keys of the types detailed above.
- key: The scene will be run subsequently to Reading with a specific proximity key.



Date / Weekday Condition: Can be set for the scene to be run on a specific date (day-month-year) or specify when it should be run during the week.



Time Condition: The scene is run at a given time during the day. Should no further conditions apply to the scene, it will be run every day according to the time selected.

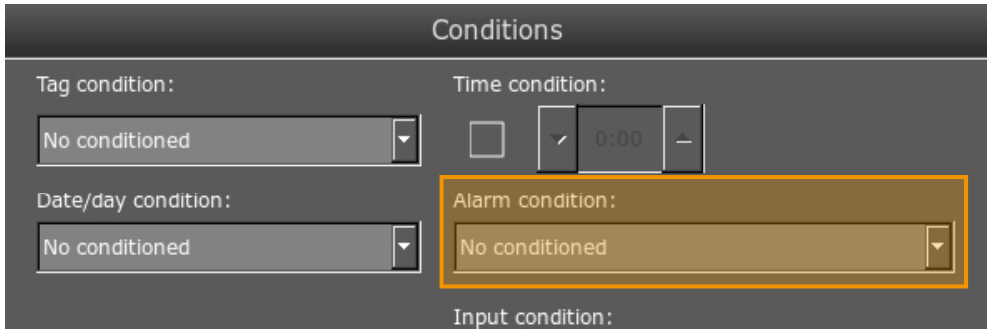


Alarm condition: This condition allows the scene to be run as a function of the status of the intruder alarm or the triggering of any given alarm or 24-hour alarm. For example, an ingoing or outgoing scene can be run with the same key as a function of the intruder alarm status.

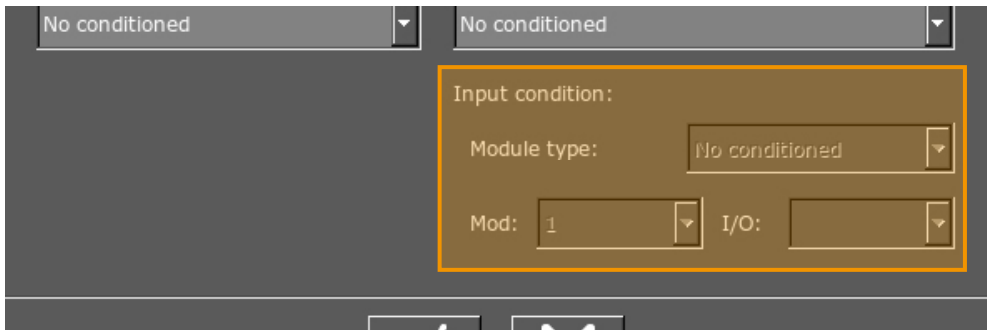
The outgoing scene is conditioned with 'Disarmed Intruder Alarm' and the ingoing scene with 'Armed Intruder alarm'. The outgoing scene will be run upon leaving the house and swiping the key close to a reading device as the intruder alarm is supposedly disarmed. Upon entering the house and swiping the key, the ingoing scene shall be run as the intruder alarm is supposedly armed.

Another example would consist in conditioning a scene so that when an intruder alarm occurs a number of actions are run (switching on lights, lifting blinds, etc.). The following values might take on this condition:

- Intruder alarm armed
- Intruder alarm disarmed
- Activation of any alarm
- Activation of the intruder alarm
- Activation of the fire alarm
- Activation of the gas alarm
- Activation of the flood alarm
- Activation of the electricity black-out alarm
- Activation of the telephone cut-off alarm
- Activation of the systems alarm
- Activation of the medical alarm
- Activation of the panic alarm
- Activation of the silent alarm
- Activation of the sabotage alarm

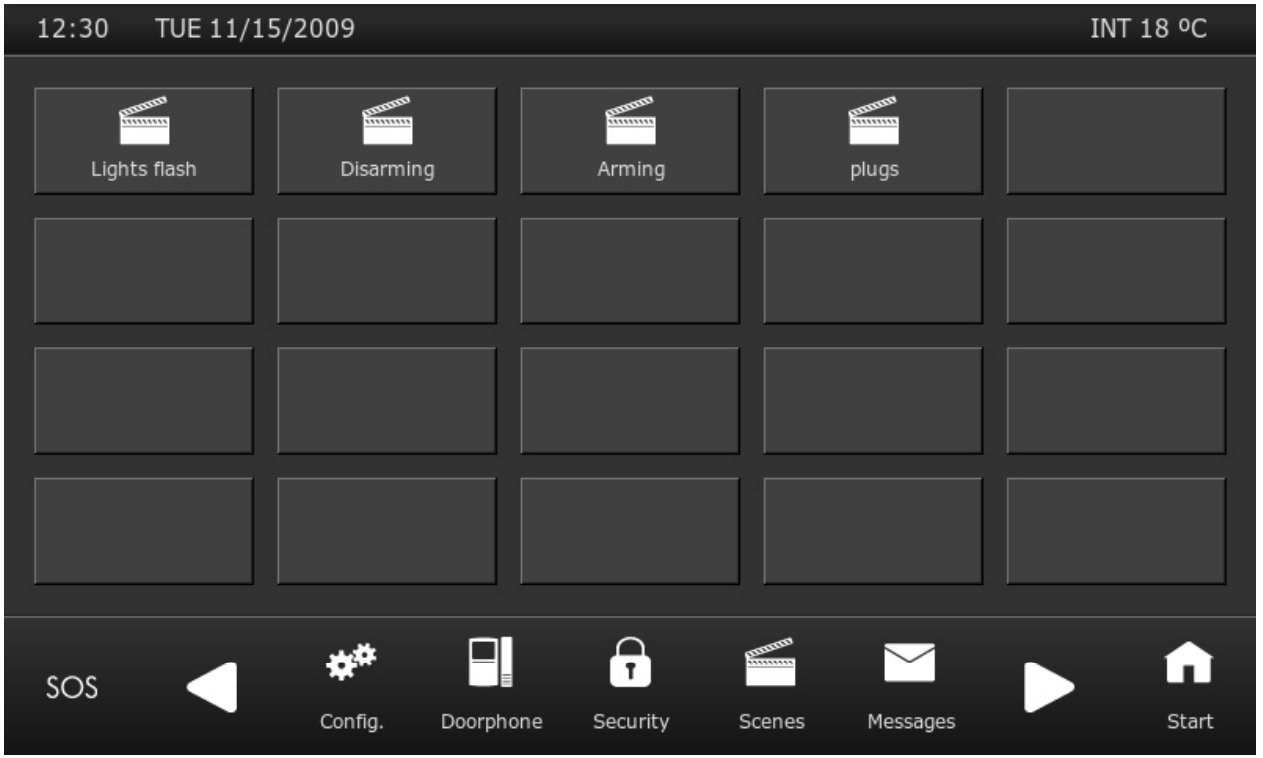


Entrance condition: The scene will be run when the selected entrance is active. It can be an input from the control center or the expansion module.



7.3 Running scenes

Users may run scenes whenever they wish to do so. By pressing the rapid access button to *Scenes* access is provided to the screen where scenes are displayed in the form of buttons.



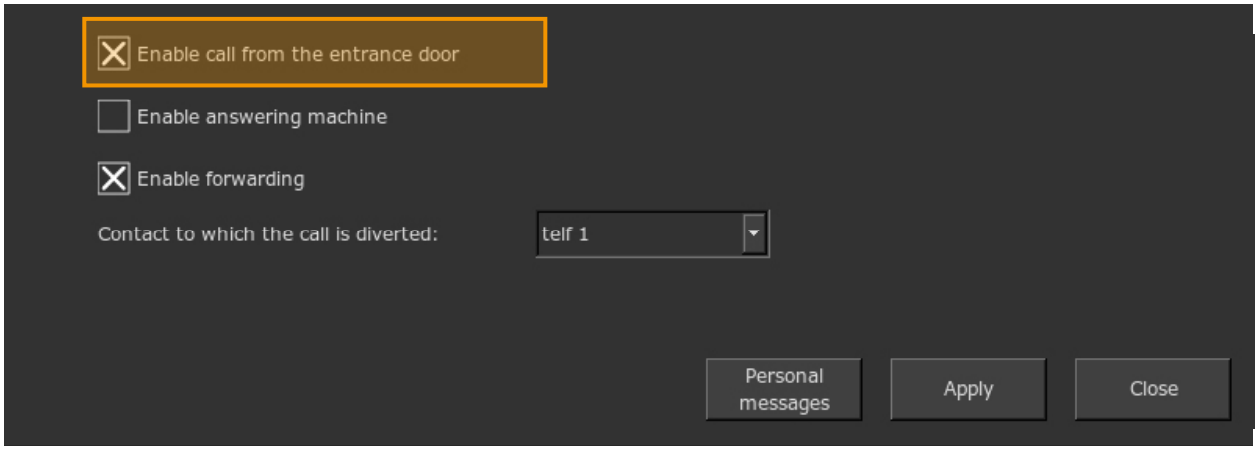
Press on the button of the scene you want to watch immediately - Although the scene is conditioned, the system disregards the conditions and runs the scene.


12:30
TUE 11/15/2009
INT 18 ºC
Lights flash
Disarming
Arming
plugs
SOS
Config.
Doorphone
Security
Scenes
Messages
Start

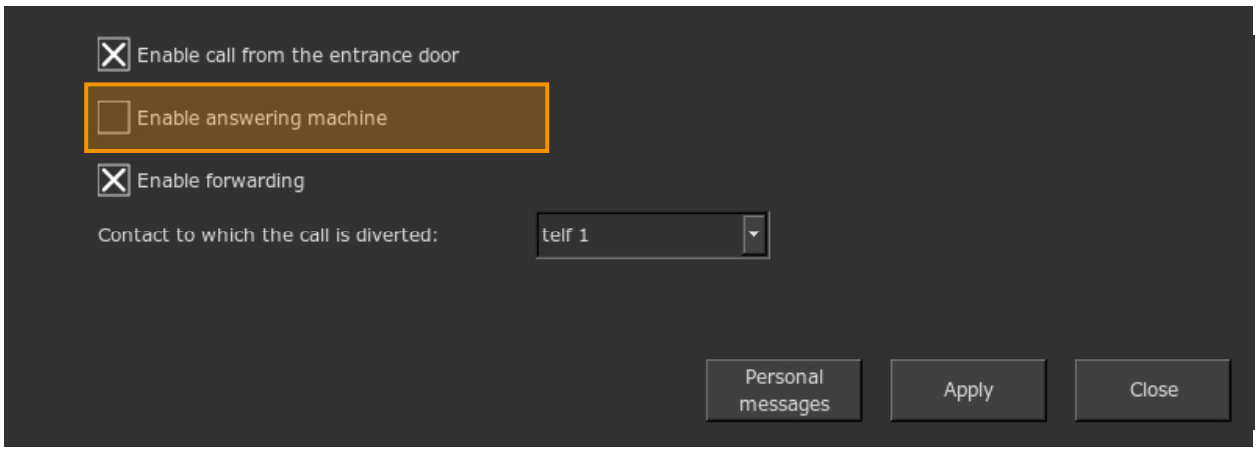
vivimat® III systems featuring P-VISION-C7 FULL or VIDEO screens can be fitted AUTA video intercom systems.

To configure the video intercom, first press the rapid access button ***Configure*** and ***Video-doorphone*** immediately afterwards.

Enable / disable an incoming call from the entrance door: A system input can be configured so that, when activated, a "ding-dong" sound is produced by the screens.



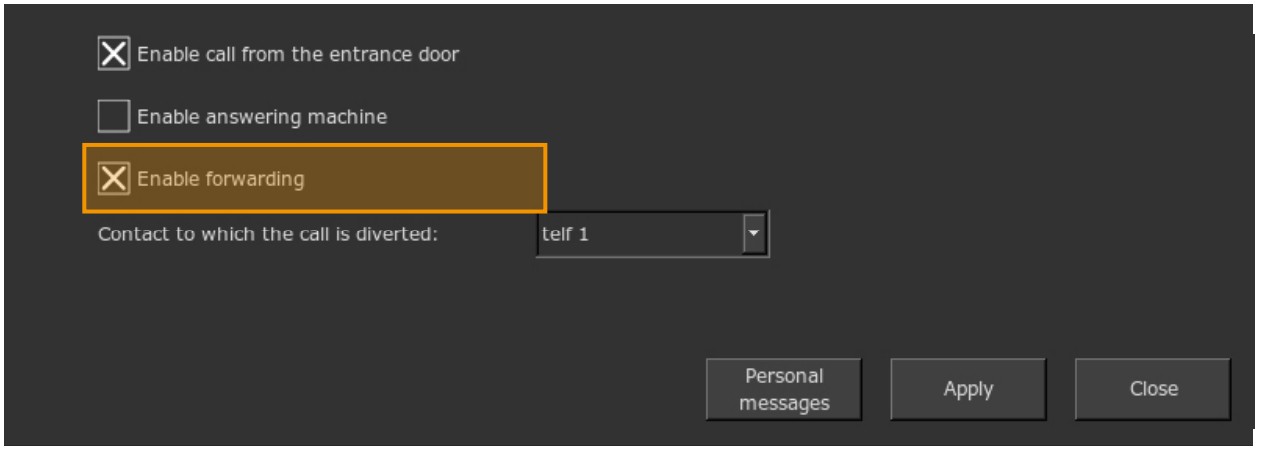
Enable / disable the answering machine: If the video intercom's answering machine is enabled and the intruder alarm is armed in the total mode and the option of enabling divert is NOT selected, whenever a call is placed from the video intercom street control panel an outgoing message will be played back informing the caller on the possibility of leaving a recorded message once a beep is heard for a maximum of ten seconds.



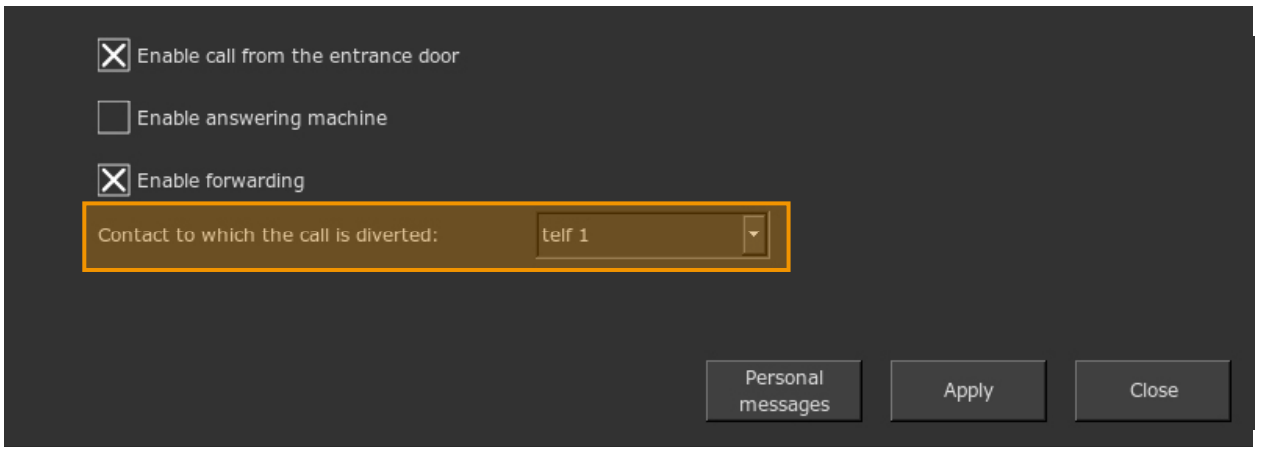
Enable / disable divert: When call divert is enabled and the intruder alarm is armed in the total mode (nobody at home) all calls originating from the external video intercom control panel are diverted to a pre-established telephone number.The person receiving the call will be able

to speak directly with the external control panel upon answering the phone. In addition, the user will be able to:

- Open the door by pressing "*" on the telephone keypad.
- End the conversation by pressing "#" on the keypad.

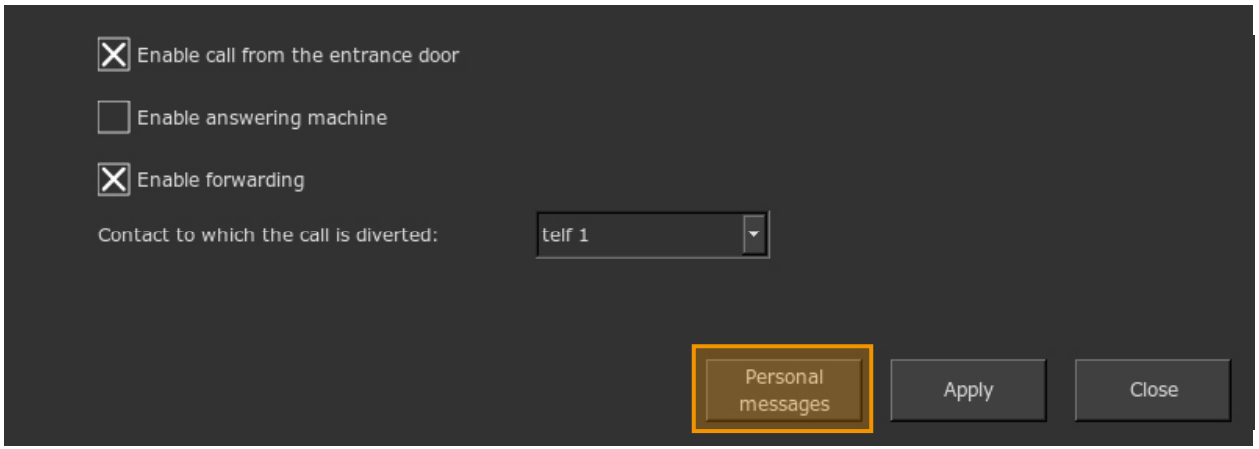


Contact to which a call can be diverted: The user can select a number to which video intercom calls shall be diverted. As the divert action places a telephone call, the pull-down list will only show the name of TEL (telephone number) type contacts on the phoning list. see the section 13.TELEPHONY.



The system will only divert if the answering machine and divert options are enabled.

In addition, messages can be recorded, played back or modified by pressing the Personal messages button:



Message for alarm calls: This message is played back whenever alarm calls are made to identify the home they originate from. It is a very useful option for buildings employing concierges as it allows for the identification of the home where the alarm has been triggered.

Outgoing message for the video intercom: An outgoing voice message lasting a maximum of 10 seconds can be recorded and played back to anybody using the video intercom when the answering machine option is enabled and the intruder alarm is armed in the total mode. A recording display comes up when ***Record*** is pressed which finishes when Stop is pressed. Likewise, the outgoing message on the answering machine can be checked by pressing ***Play***.

Press rapid Access to Video Intercom when a call is received from the Street control panel or whenever you want to see the camera picture via the video intercom camera.

Access is also possible via the rapid access *Cameras* button by selecting the video intercom camera. See the section 9.CAMERA here in.

Several options appear on the right:

Speak: To communicate with the street control panel, allowing the user to communicate with the street control panel even in the absence of an incoming call.

Open: Use to open the door, although communication must be established first after pressing the ***Speak*** button.

Volume up / down: The volume of a conversation can be turned up or down.

If the building employs a concierge, an additional button is provided for direct communication with him.

8.1 Calls

Whenever an incoming call arrives from from the street control panel, the screens produce a beep that can be heard inside the home. To answer, press rapid access to ***Video-Doorphone***. You may also Access the video intercom by pressing rapid access to ***Cameras*** and selecting the video intercom camera. If you wish to speak and/or open the door, use the options explained before on the right of the video intercom picture.

Should there be more than one P-VISION-C7(X) screen in the home, all of them will beep upon receiving an incoming call from the street. The first unit to answer will communicate with the street control panel, although none of the others will be able to display the video intercom picture. In this case, a dialogue box comes up with the following message:

"It is not possible to establish communication because another terminal has already taken the call"

You must first see the video intercom picture if you to want take a call. The beeping will stop once the screen has been activated.

8.2 Taking a call from a phone in the home

Partial video intercom functions can be performed via any of the landlines available in the home. The procedure takes place as follows:

- The terminals (NOT the telephone) will produce a call beep.
- Remove the phonefrom its cradle to communicate with the street control panel.
- Press "*" to open door.
- Just hang up to end a communication.

This option is only available if your **vivimat®** III system is connected to the home's telephone line. Please ask an authorised dealer for additional information.

8.3 Taking a call diverted from a landline or a cell phone

If the video intercom call divert is activated and the intruder alarm is armed (nobody home), all incoming calls from the Street control panel will be diverted to the configured contact. When a call is taken, communication is established between the Street control panel and the phone and this allows you to a call as if you were in the house.

During a call, you have the following control options:

- Open door: press "*" on the phone.
- Cut-off communication: press "#" or hang up.

8.4 Answering machine

To operate the video intercom answering machine, you must arm the intruder alarm and enable the answering machine option in the video intercom configuration. The outgoing message recorded by the user will be played back whenever somebody calls from the street. Once fully played back it will be followed by a 1 second beep after which the caller has up to ten seconds to leave a message.

Answering machine messages are recorded on the voice mail system and can be played back at a later stage. Please see the section 10. MESSAGES.

8.5 Taking a call from the TV set + a remote control

vivimat® III offers the option of connecting the video intercom video signal to TV sets inside the home. When a call is received, the user will be able to see the picture delivered by the video intercom camera on a TV channel and open the door by pressing the pre-established button on the remote control as long as communication has been established with the street control panel from the P-VISION-C7(X) terminal or via the landline phone in the home.

A remote control button can be allocated to the video intercom opening action.

The procedure is as follows:

- A video intercom call beep is emitted via the terminals but not the TV set.
- You can only see pictures shot by the video intercom camera on a TV set. It does not allow you communicate with the street control panel.
- To establish communication with the street control panel via P-VISION-C7(X) terminals or phones inside the home press the key configured as "Abrir puerta" (open door) on the **vivimat®** remote control. Please see the section 16. INFRARED REMOTE CONTROL.

This option can only be configured if your **vivimat®** III system features a remote control. Please ask your dealer for additional information.

8.6 Calling the concierge

You can also call the building or tenement concierge directly. If available, use this option via the video intercom visualization screen and its camera to call the concierge. There is a button named *Concierge Desk*. Once the button is pressed, the system initiates a call that goes directly to the concierge.

8.7 Ancillary buzzer

The **vivimat**® III system can be fitted with an ancillary buzzer. This buzzer is only activated intermittently whenever incoming calls arrive from the Street control panel.

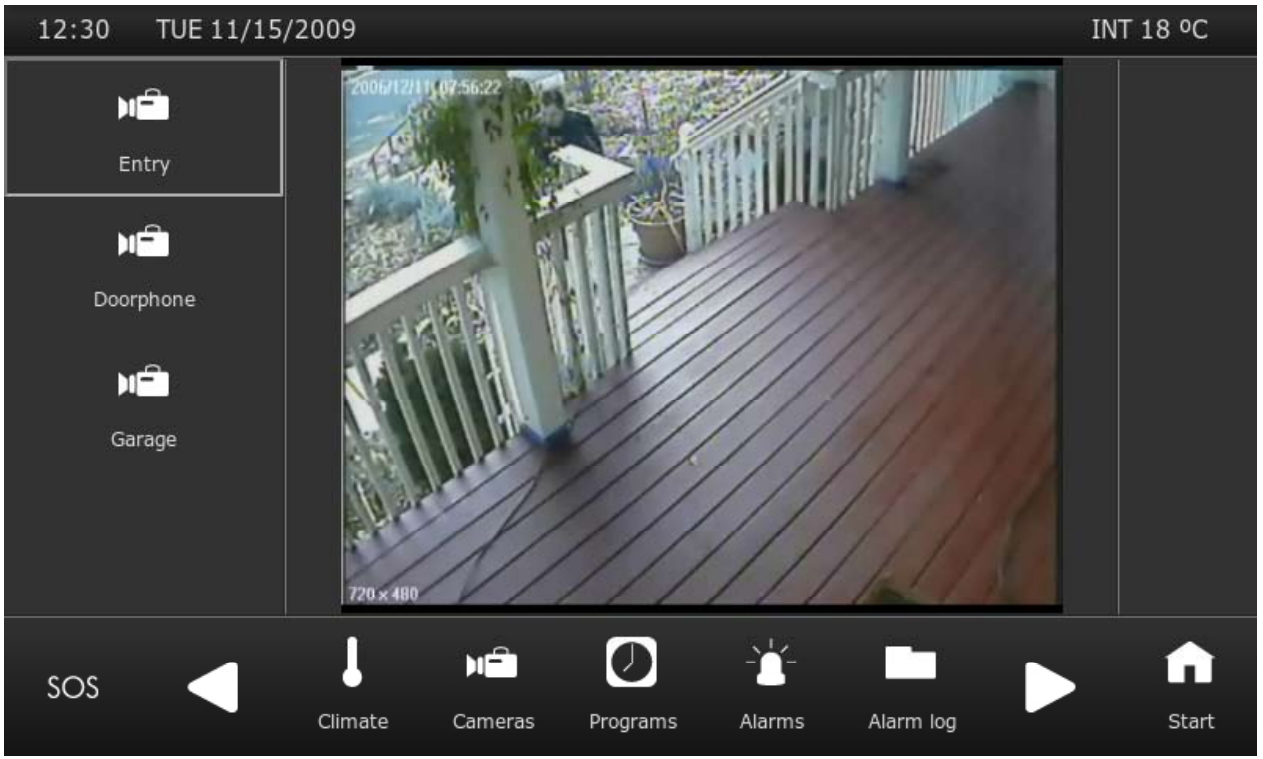
This kind of buzzer is very convenient in the case of larger homes where the beeping produced by P-VISION-C7(X) screens is not loud enough to notify incoming calls from the video intercom.

Please ask your dealer for additional information.

g

9. Cameras

Press rapid access *Cameras*.



You may use this window to view any of the cameras operating in the system (shown on the left) by pressing on the desired option.

The **vivimat®** III system has been designed to manage up to 10 cameras. Two access buttons will appear on the left whenever more than four cameras are installed.

Types of cameras:

- Video intercom: See the section 8.VIDEO-DOORPHONE herein for details related to camera control and use.
- Analogue cameras: These cameras are connected to the video intercom module and only show the picture being shot.
- Motorised cameras: Cameras designed to move. There are four arrows on the right for panning control.

10

10. Messages

vivimat® III provides storage capability for a maximum of 10 voice messages, each one lasting no more than 10 seconds. In addition to these 10 messages, the system also stores another two:

- Answering machine outgoing message: It is the message played back by the video intercom whenever the answering machine is enabled, the intruder alarm is armed in the total mode and when somebody uses the street control panel for an ingoing call.
- Alarm notification message: This message is played back when alarm notifications are made to identify the dwelling where an alarm has been triggered. It is a very convenient option for buildings with concierges as it allows you to identify the home where the alarm has been set off.

In order to record messages, you must first record the other two. See the section 8.VIDEO-DOORPHONE.To access messages, select direct access to ***Messages***. The following message appears if you access the messages and have not previously recorded the answering machine and alarm notification messages first:

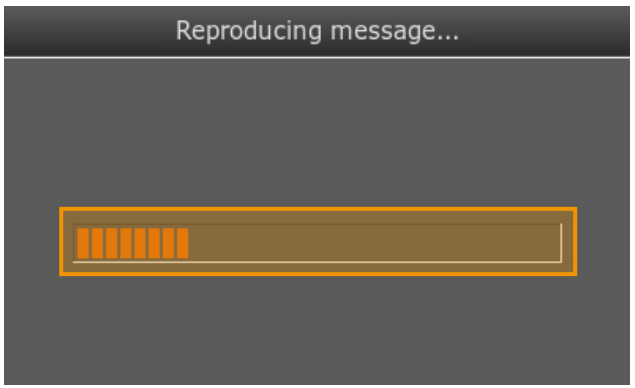
"You must record your personal messages first to use voice messages"

Messages can either arrive from the video intercom or be recorded on the terminals in the home.

10.1 Message playback

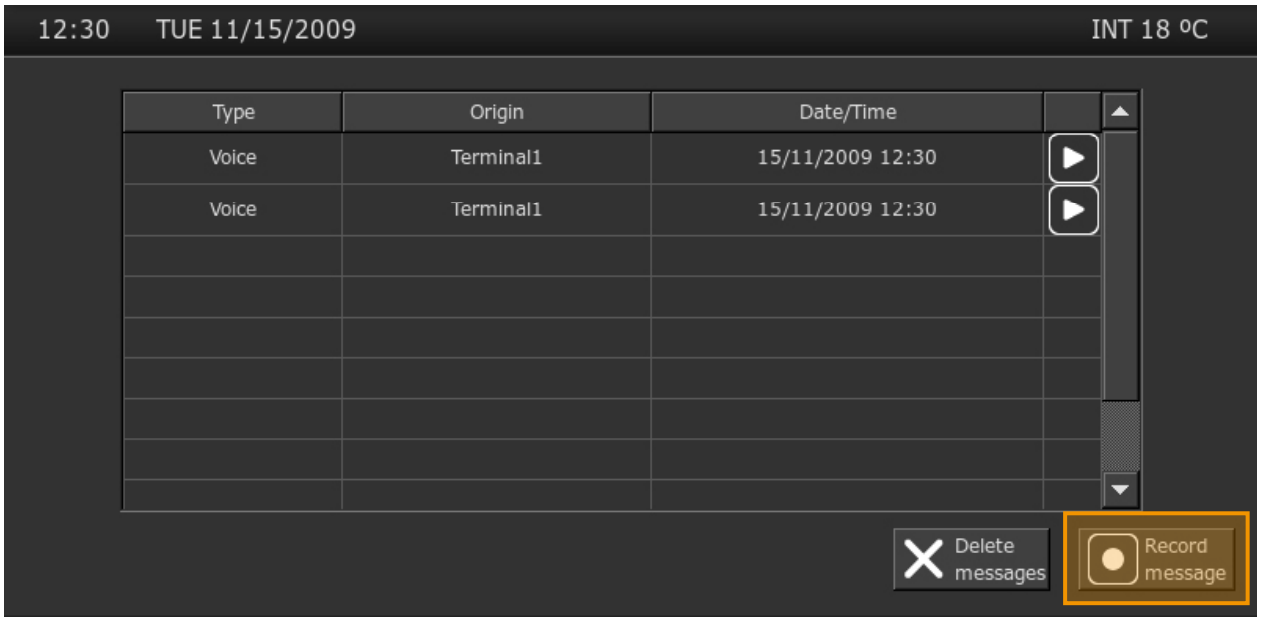
You will find a playback icon next to each message on the list.

A progress bar appears whenever a message is played back.

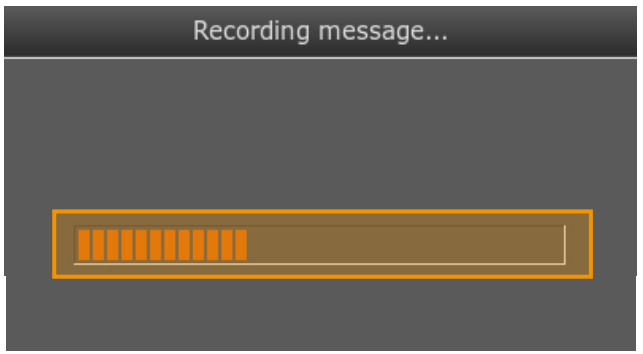


10.2 Recording a message

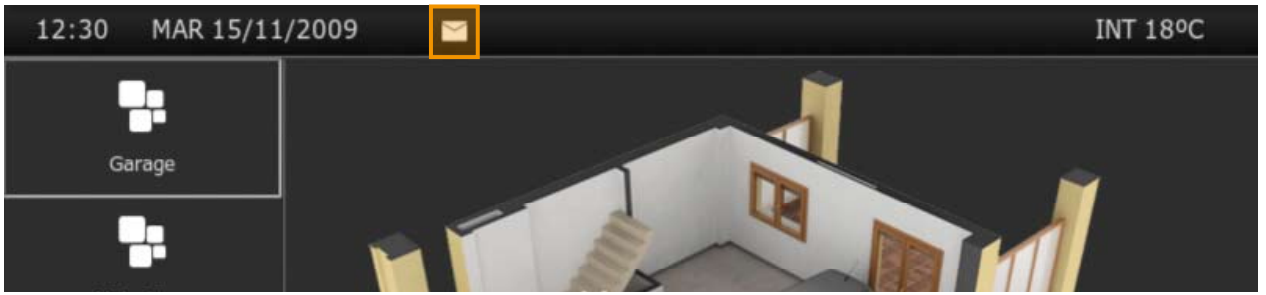
In the lower left corner there is a button named *Record message* that allows you to record a voice message from a terminal.



A progress bar comes up on the screen during the recording process.



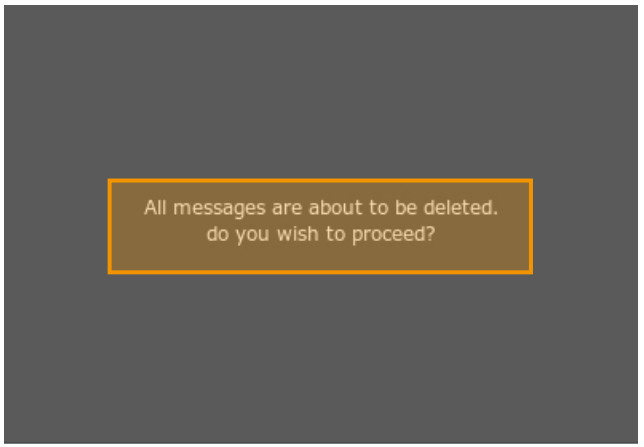
An icon notifying new message appears on the upper status bar whenever a new message is recorded.



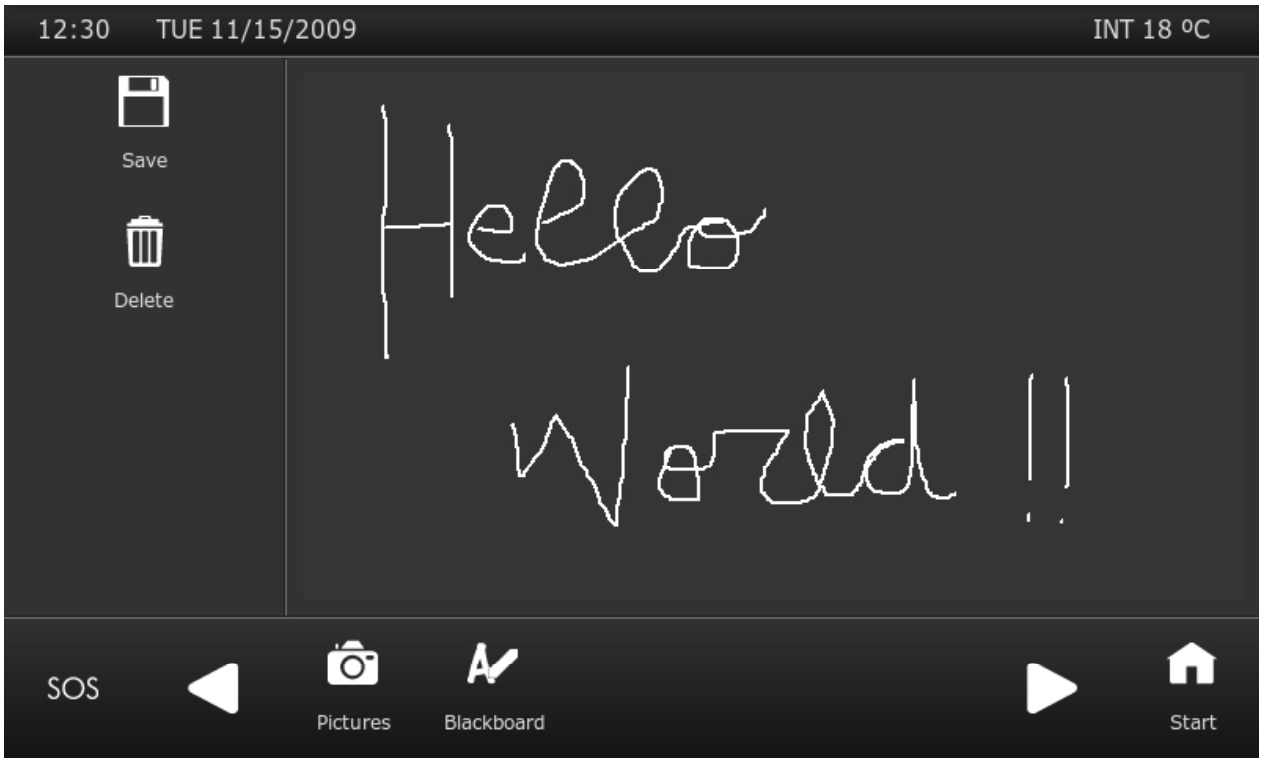
10.3 Deleting a message

The *Delete messages* button allows you to delete all stored messages.

The system opens a dialogue box to confirm this action.

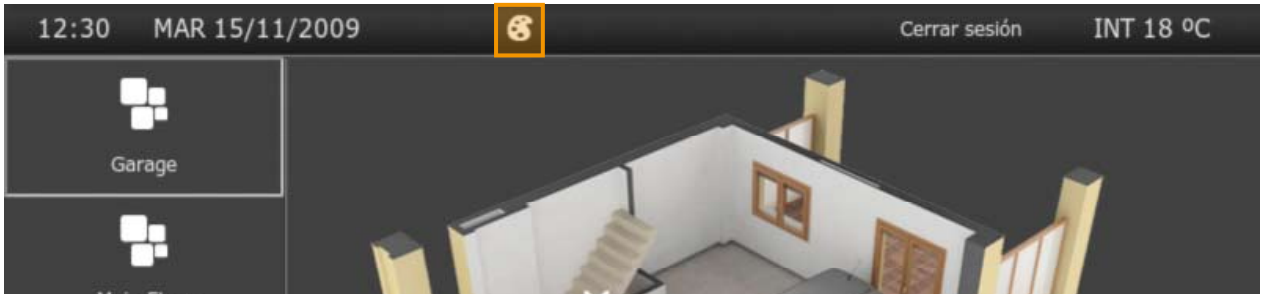


The P-VISION-C7(X) screen allows you to leave handwritten messages on the screen by using the pencil after pressing rapid access to *Blackboard*.



After writing the message, press ***Save*** to validate or ***Delete*** to disregard it.

An icon appears on the status bar informing you that the blackboard contains an unread message. The icon disappears after rapid Access to *Blackboard* to read the message.



12

12. Digital photograph frame

The P-VISION-C7(X) screen is fitted with digital photograph frame functionality allowing you to browse through photographs.
The digital photo frame mode is activated by pressing on rapid access to Fotos. Photographs are displayed automatically in one minute intervals.

Pictures can be stored as detailed hereunder:

- USB: Storage on a USB device in a directory named Photos and containing the pictures to be displayed inside the frame. If the system detects a USB device lacking the Photos directory, the following text will appear on a black screen:

"No pictures available"

- SD: Storage on a SD card in a directory named Photos containing the pictures you want to show inside the frame. If the system detects a SD card lacking the Photos directory, the following text will appear on a black screen:

"No pictures available"

- If neither of these devices is connected to the screen, screen default pictures will be displayed. If unavailable, the following message will appear:

"No pictures available"

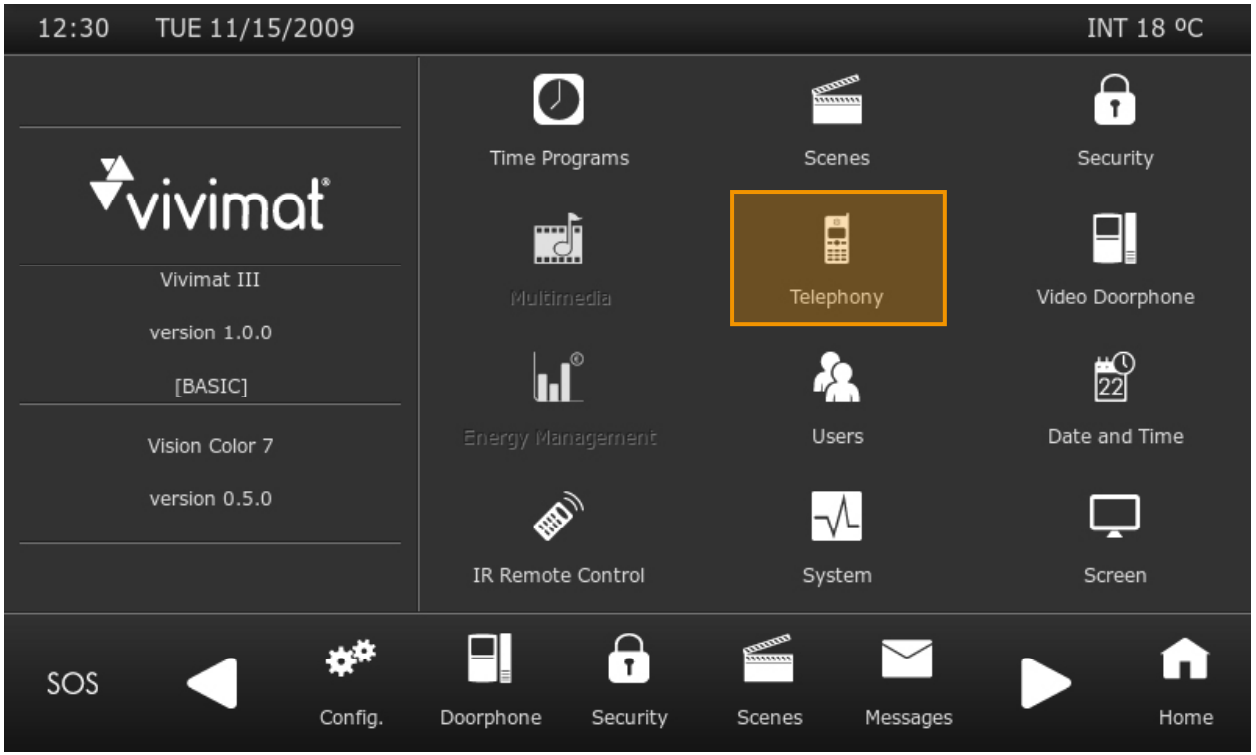
Just touch the screen to exit from the digital photograph frame and Access screen features. The system will close the digital photograph frame in the following instances:

- Whenever an incoming call from the video intercom arrives
- Whenever an alarm is set off
- Whenever a notification is received

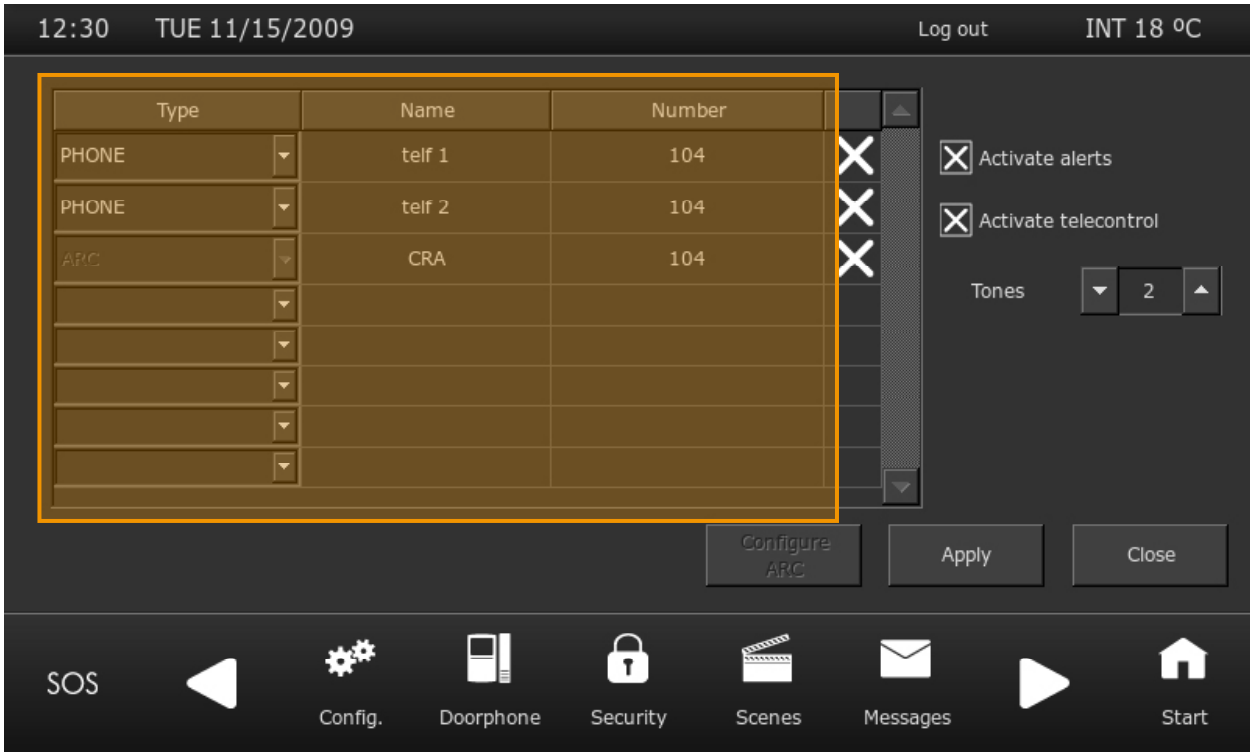
13

vivimat® systems can generate external alerts when an alarm is set off. To do this the contacts must be configured on the system.

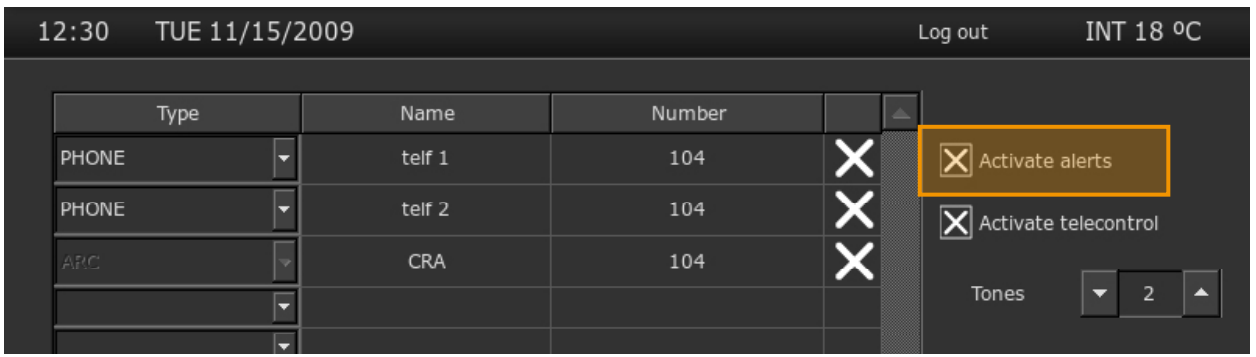
To create, modify and delete contacts and access telephone configuration, click on the *Config*. direct access and then on *Telephony*.



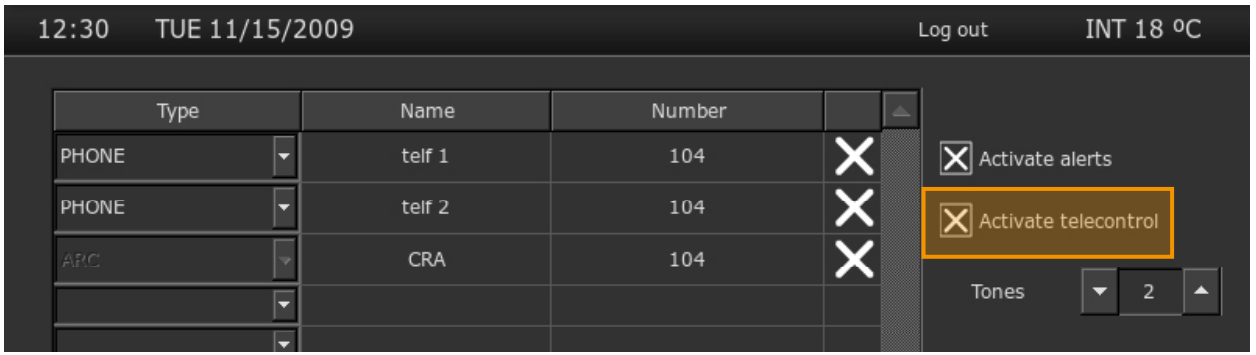
The contacts in the agenda are shown. The system can handle up to 8 contacts, which can be entered by selecting the parameters *Type, Name* and *Number*.



Enable alerts: This enables and disables alerts in case of alarm. Alerts are configured separately for each alarm. See the section on alarms in this manual. See the section of Alarms.

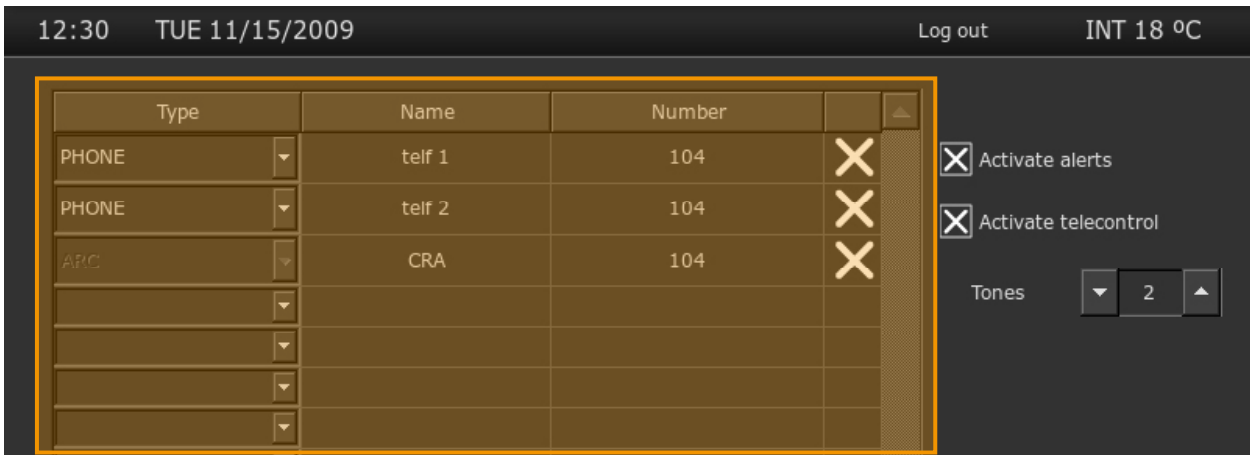


Enable remote control: This enables and disables the system's remote control function. The number of rings for pre-activation of remote control is configurable. See the section 18. REMOTE CONTROL in this manual.

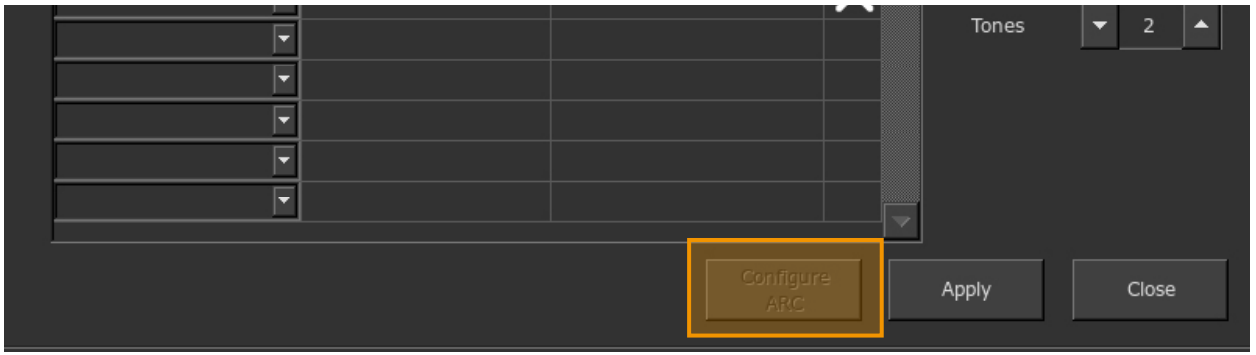


List of contacts: There are three configurable properties for each contact.

- **Type:** This indicates how the system is to communicate with the contact
  - TEL: via land line or mobile telephone
  - SMS: via SMS to a mobile phone. Not available in this version.
  - E-mail: via e-mail. Not available in this version.
  - CRA: alert sent to a central monitoring station.
- Nombre: Name of the owner of the form of contact specified.
- Número: The contact phone number or e-mail address.



Configure ARC: Click here to bring up the dialogue box for configuring the data on the central monitoring station which the system is to contact in case of alarm.

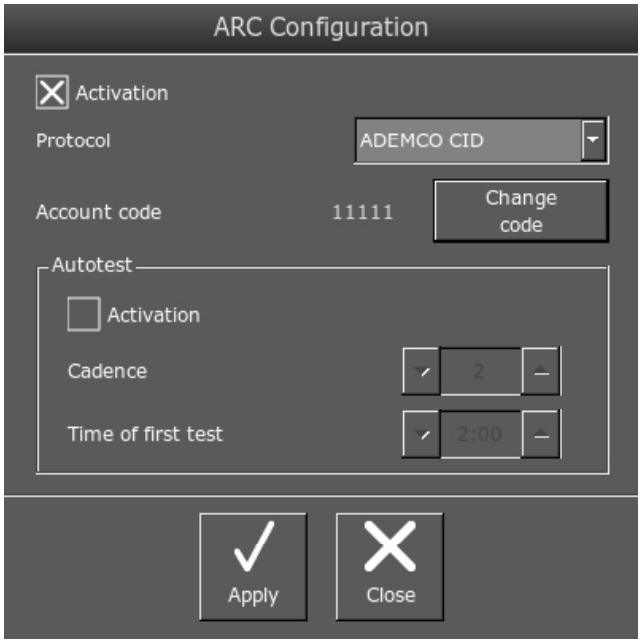


13.1 Configure ARC

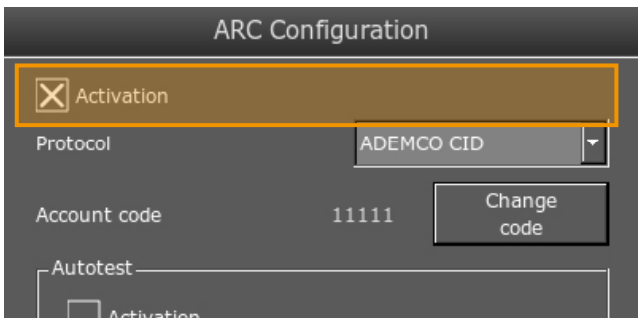
Under current regulations remote alarm systems are not permitted to make direct calls to the emergency services. Calls may only be made to actual persons (family members, family doctors, neighbours, etc). For alarms to be routed to the emergency services a central alarm monitoring service must be used.

Only the installer can modify the following data.

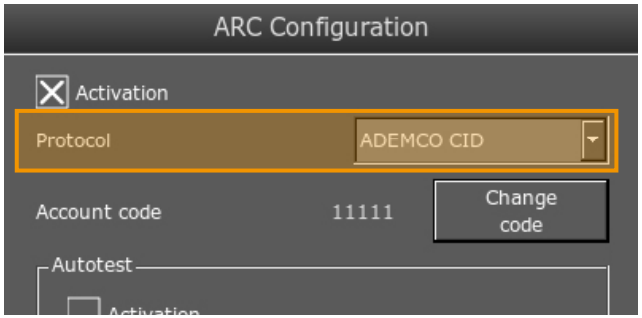
Click on *Configure ARC* to bring up the following dialogue box:



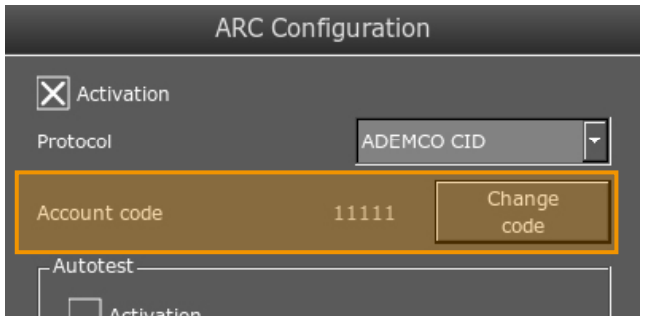
- **Enable:** Enable and disable ARC.



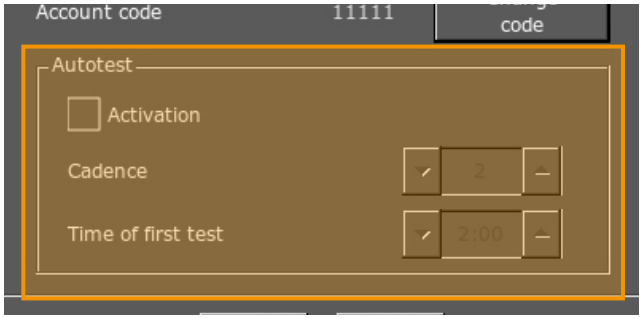
- **Protocol: vivimat®** systems can connect to a central monitoring station via the Ademco CID protocol. Any further protocols by which connection is permitted in the future will appear in the pull-down menu here



- **Account Code:** The ARC's ID code, supplied by the station itself when its services are engaged.

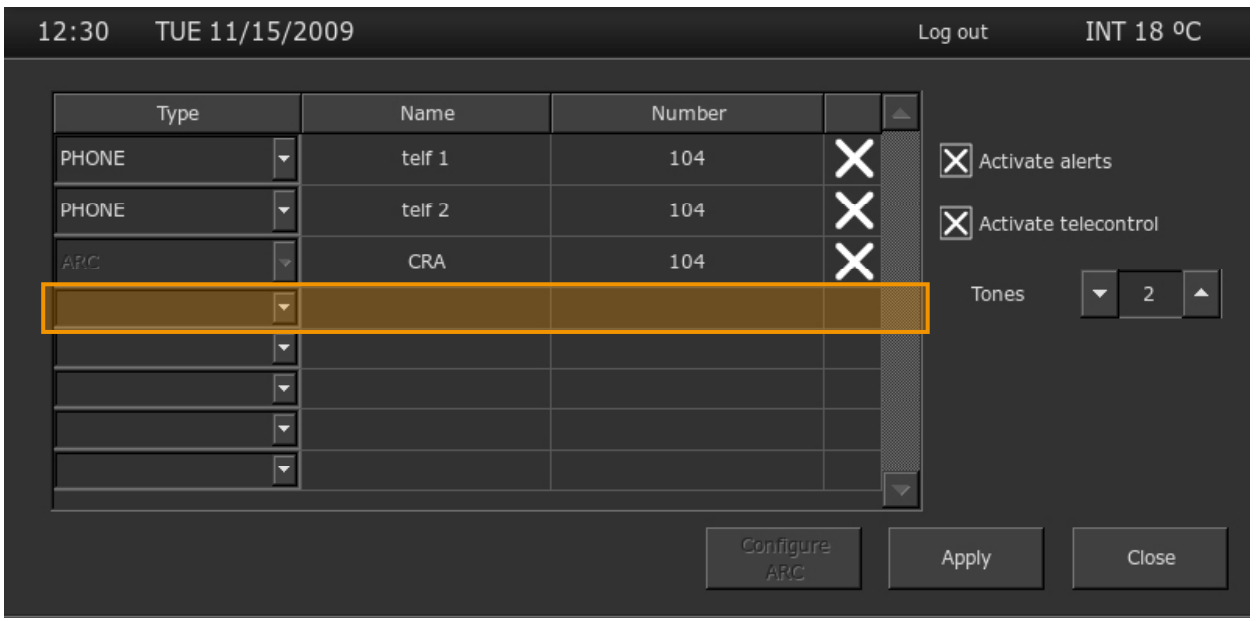


- **Self test:** This enables automatic operational checks to be run. click on ***Enable*** to activate the test, ***Frequency*** to determine the time in hours between tests and ***Time of first test*** to set the start time for the first test.

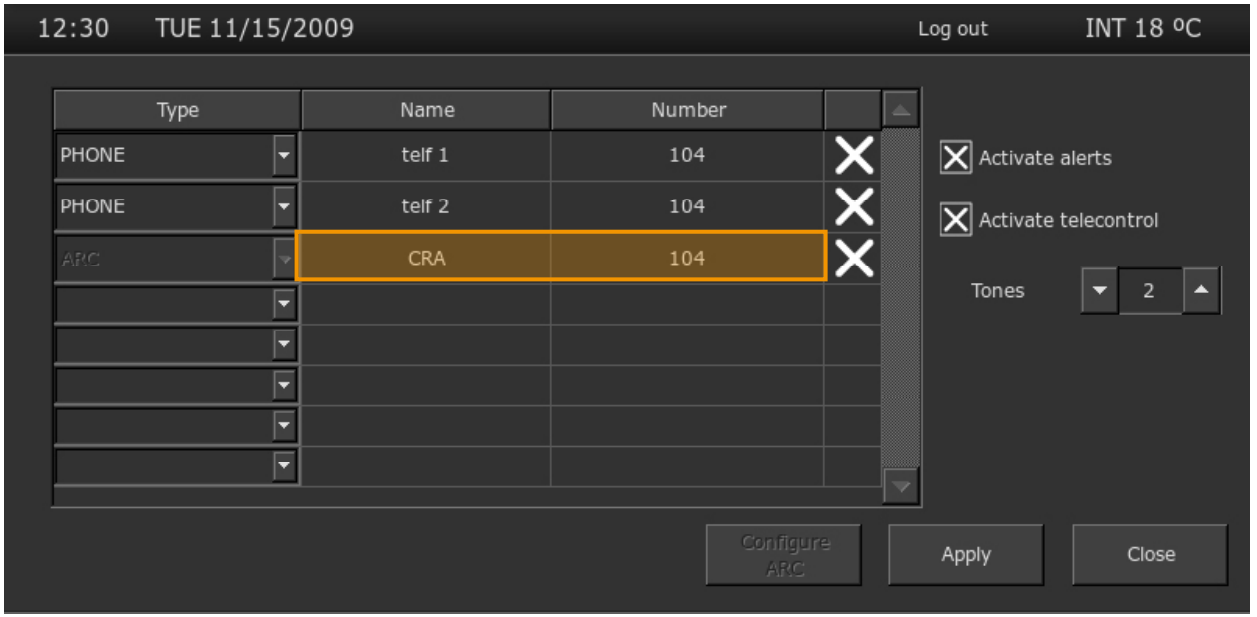


13.2 Creating / modifying contacts

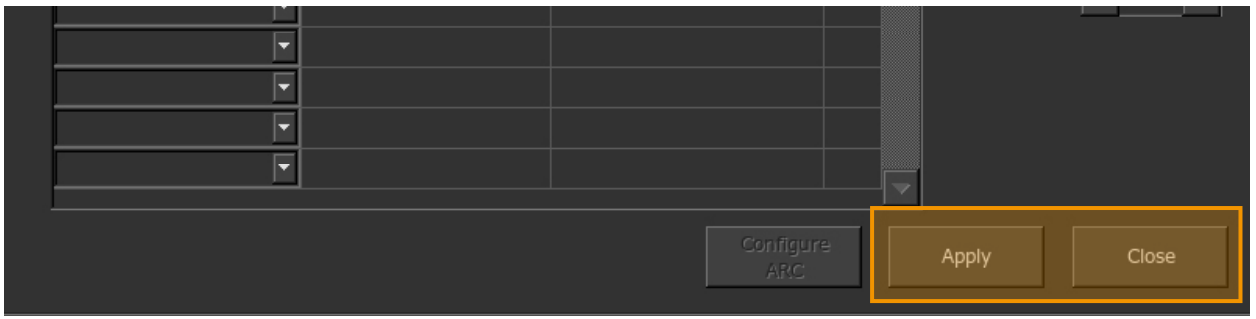
To create a contact, click on the contact fields on the first empty line. To select or modify the type of contact, click on the pull-down menu button and select the desired type.



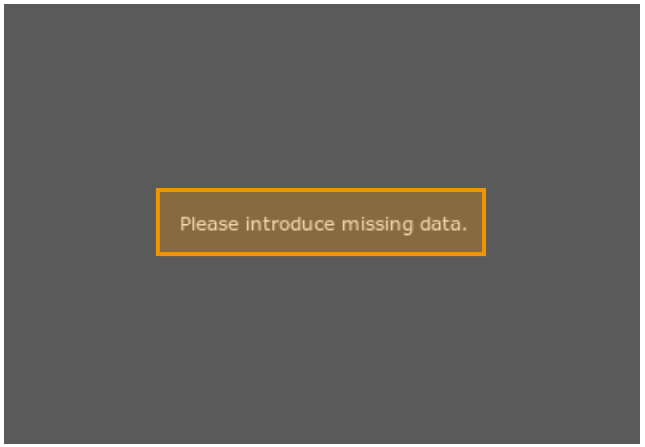
To write and/or change the name or number, click on the corresponding box. An alphanumeric keyboard will be displayed in all cases. See section 2.6. Numerical and alphanumerical Keyboard.



Once you have created or modified a contact, click on ***Apply*** to save the changes or on ***Cancel*** to ignore them.



If the data are incomplete, the following dialogue box will appear when you press *Aplicar*:

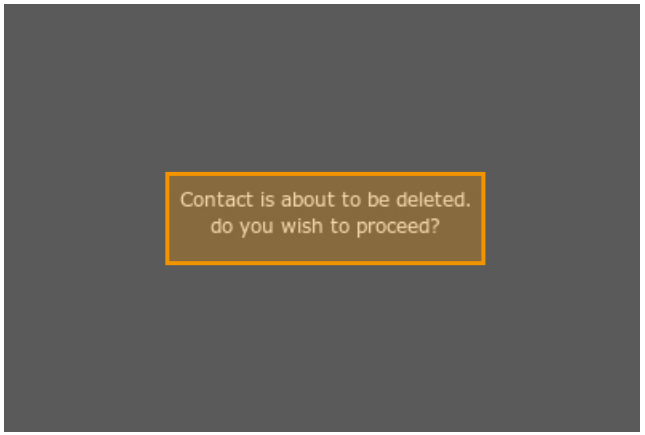


13.3 Delete contact

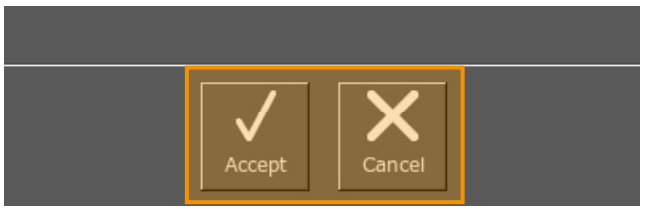
There is a specific icon beside each contact that serves to delete it:

Delete contact

The system asks for confirmation via the following dialogue box:



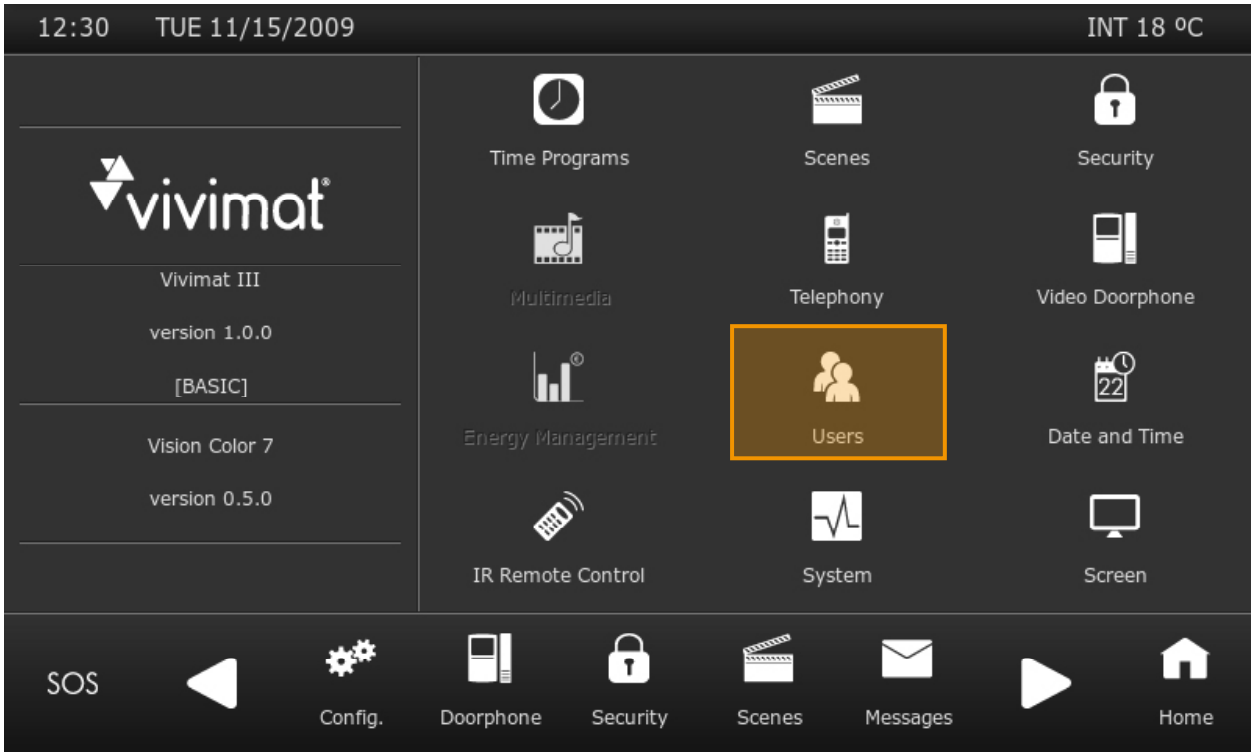
Click on *OK* to accept or *Cancel*.



This identifies the people who are going to be using the **vivimat®** III home automation system. Each user has a name, a password and an access level. See the section 2.7. Access Levels. Users can also be allocated one or more proximity keys. See the section 14.3. Proximity Keys.

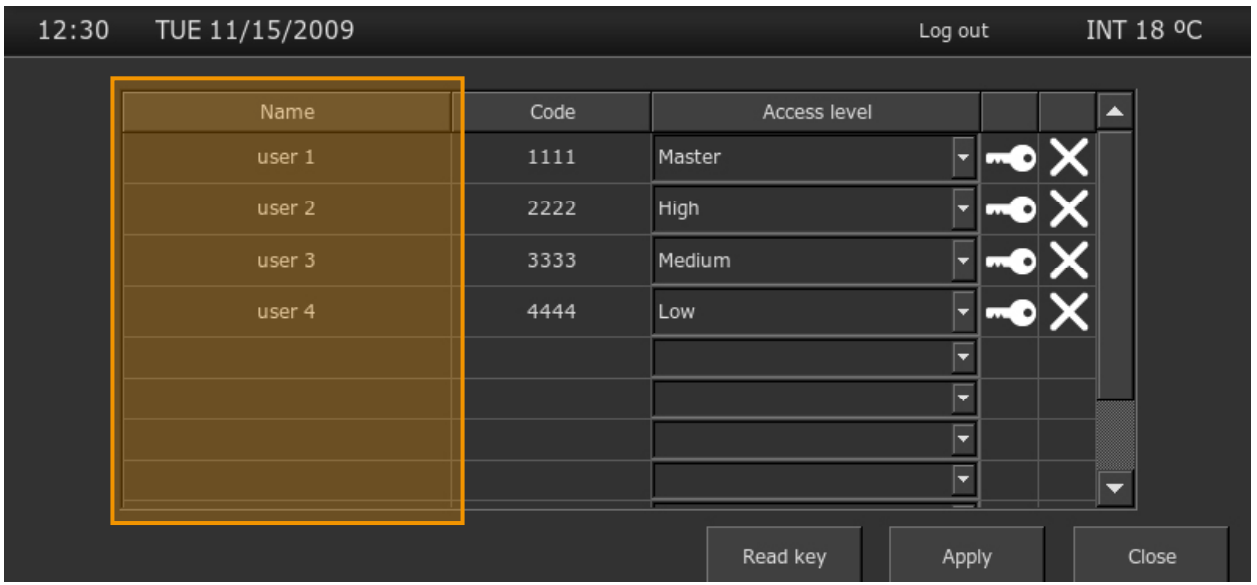
The **vivimat®** III system can handle up to 10 users, plus an additional "installer user" that can be configured only with **vivimat®** Project.

To manage the system users, click on the *Configure* direct access and then on *Users*.



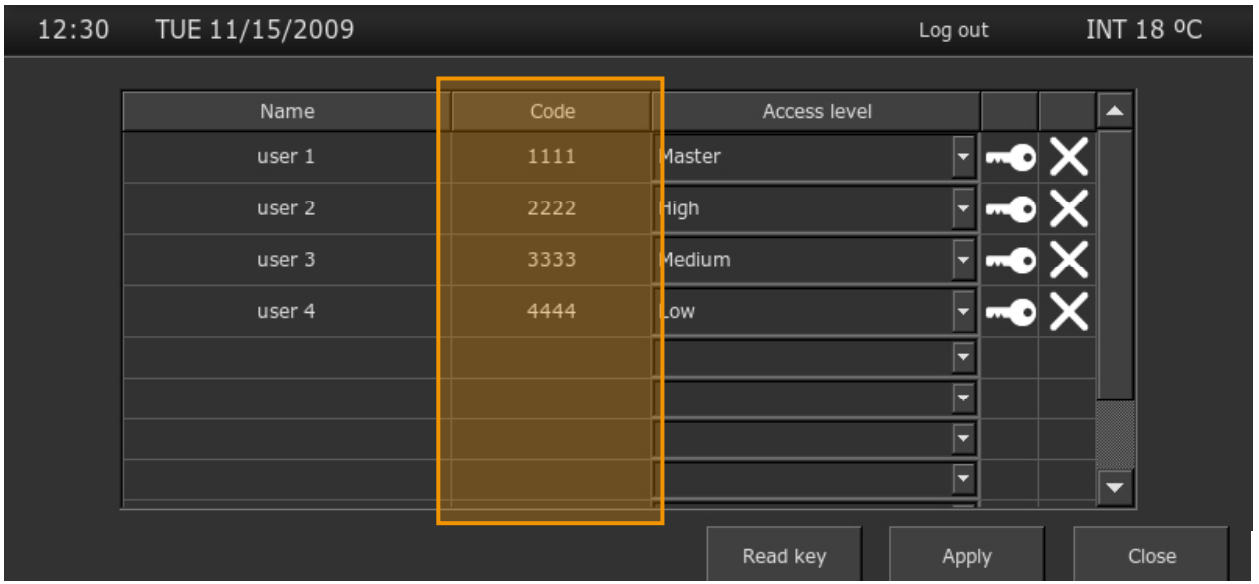
A list of system users appears:

Name: Click to enter a new name or change an existing user name via the alphanumeric keyboard. See the section 2.6. Numerical ans alpha-numerical keyboard.

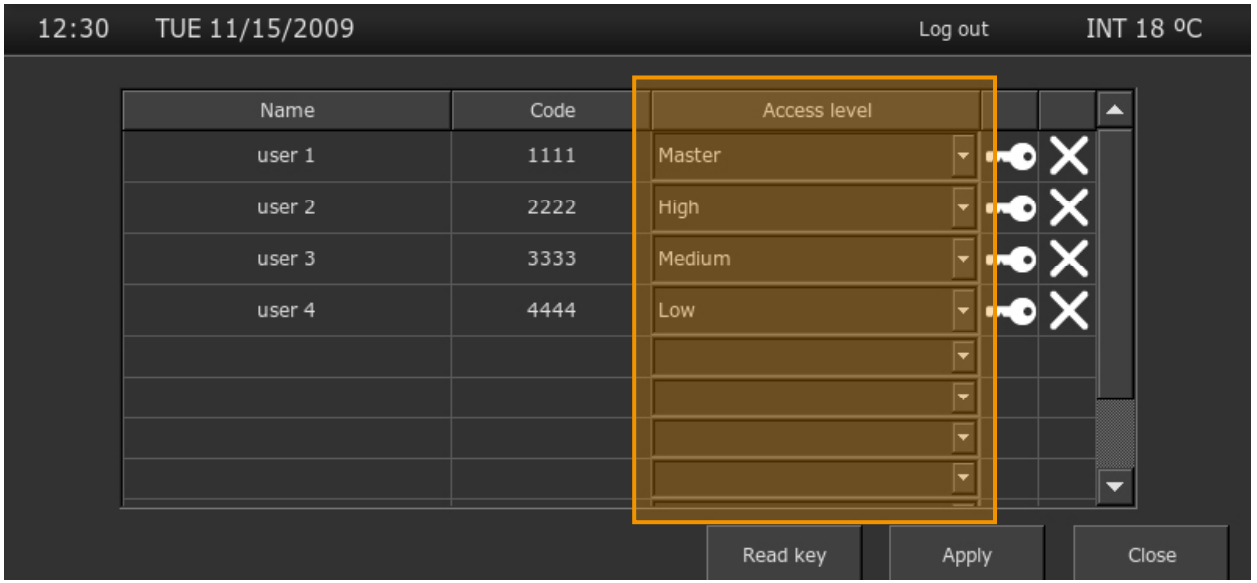


Password: This is how users identify themselves to the system on request. It comprises a four-figure number, which is entered via a numerical keyboard. See the section 2.6. Numerical and alphanumerical keyboard. Depending on the user's access level, they will be permitted to access different operations and system menus. See the section 2.7. Access levels.

When a user is assigned a password the duress code must be taken into account. See the section 5.2.2. Duress.



Access Level: This can be allocated from a pull-down list. See the section 2.7. Access levels.



On the right there are two icons:

Delete user.

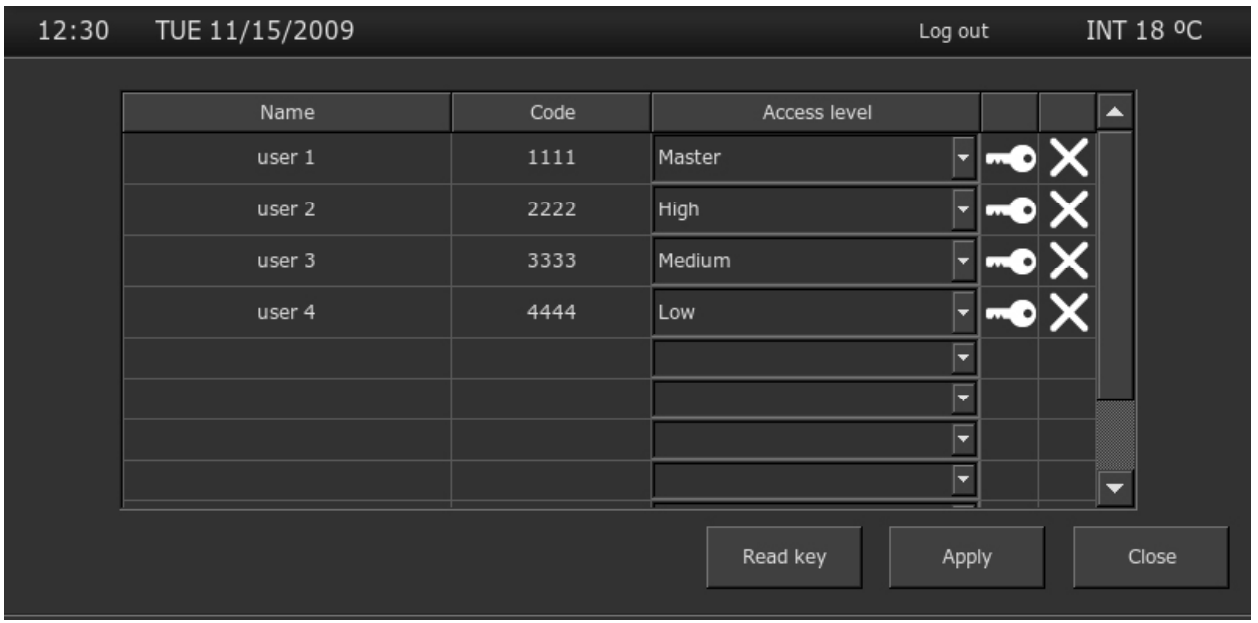
Keys associated with user.

14.1 Creating / Modifying Users

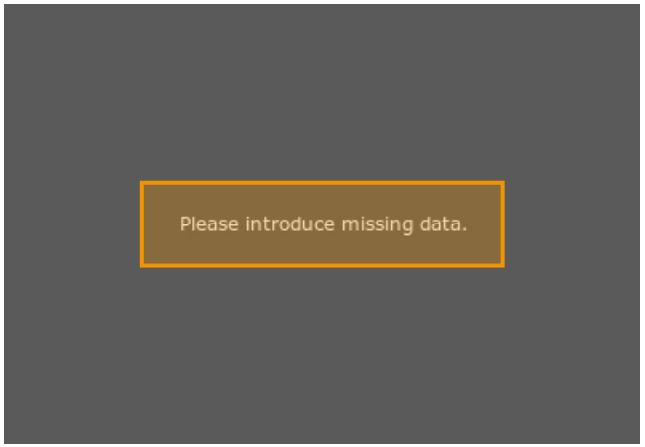
To create a user, click on the user fields on the first empty line. To assign an access level click on the pull-down menu button and select the desired level.

To change user data click on the desired field:

- To change the name an alphanumeric keyboard is provided. See the section 2.6. Numerical and alphanumerical keyboard.
- To change the password a numerical keyboard is provided. See the section 2.6. Numerical and alphanumerical keyboard.
- To change the access level, click on the pull-down list and select the desired level. See the section 2.7. Access levels.

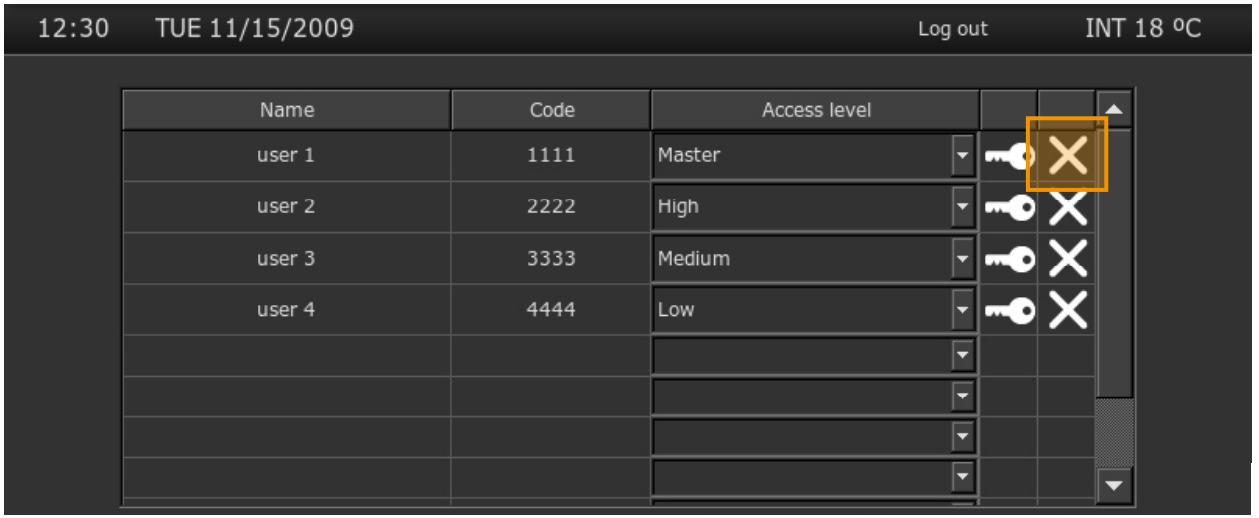


If the data are incomplete, the following dialogue box will appear.

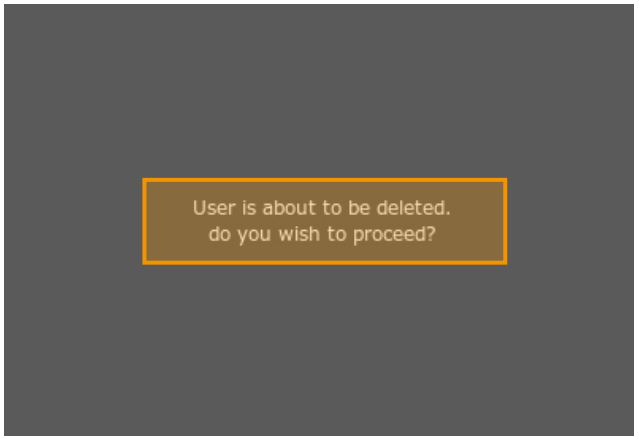


14.2 Delete user

To delete a user, just click on the *Delete User* icon.

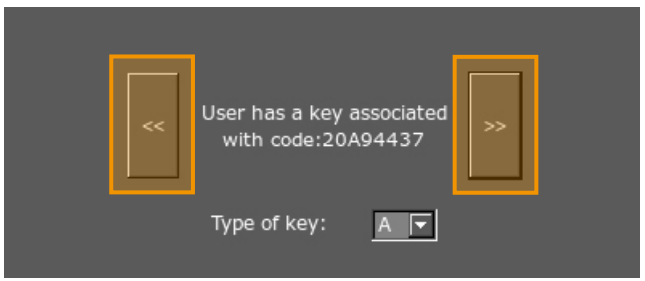


Then on *OK* or *Cancel* as required.



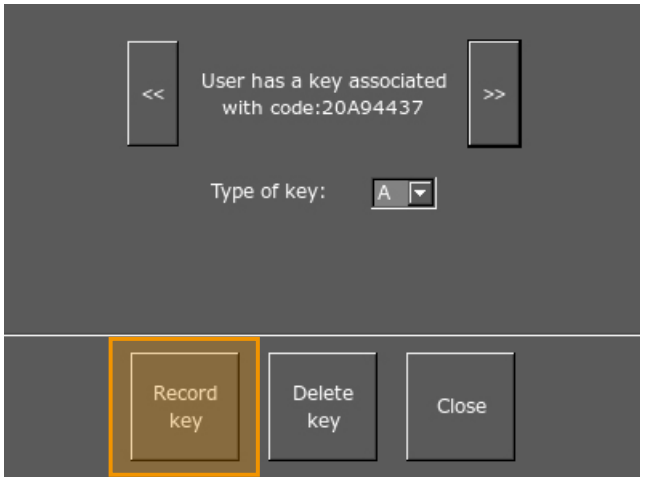
14.3 Proximity Keys

One or more proximity keys can be assigned to each user. The system can handle up to 10 such keys. Click on the key icon to bring up a dialogue box that shows one by one the keys allocated, or a message indicating that there are no keys allocated to the user in question. Use the << and >> keys to move from key to key.

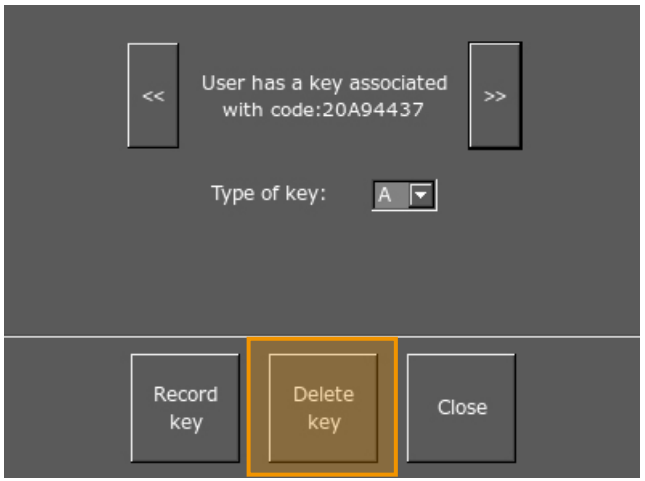


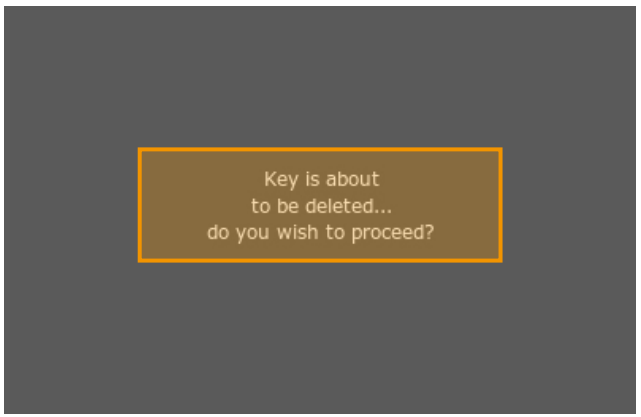
Each key can be assigned to a particular type. Keys can be grouped in up to six groups identified by letters A to F. Scenes can be configured to read a particular type of key, so that only keys of that type will run the scene. See the section 7. SCENES.

Record Key button allocates a further key to the user selected.

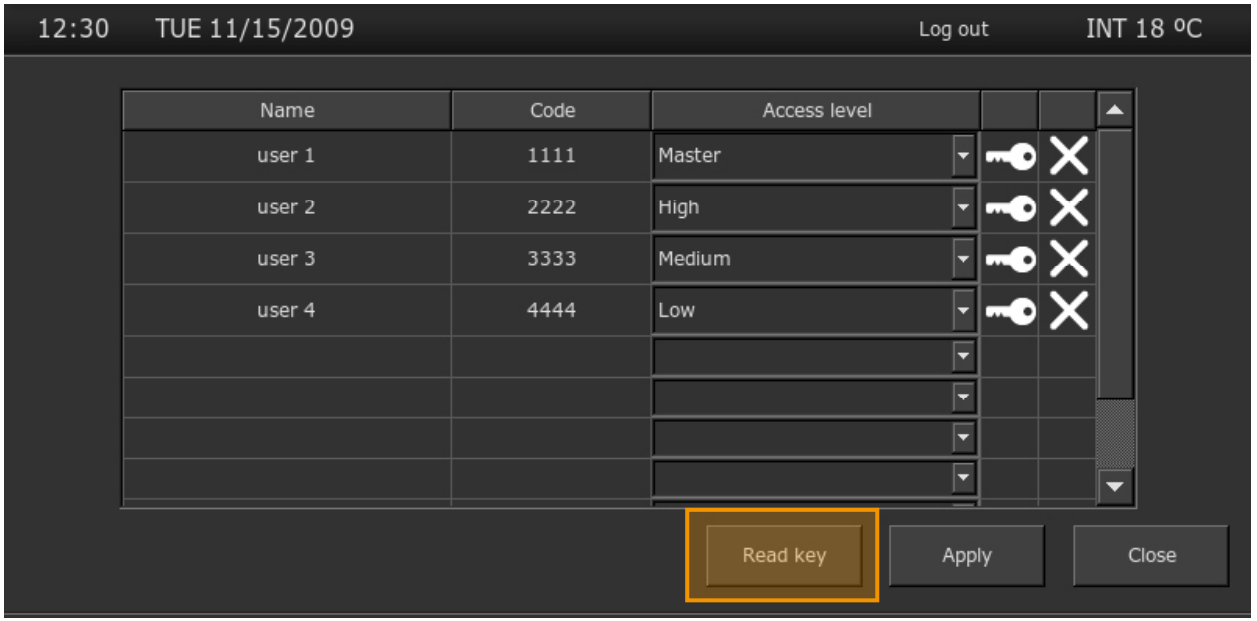


Delete Key button enables individual keys to be deleted.





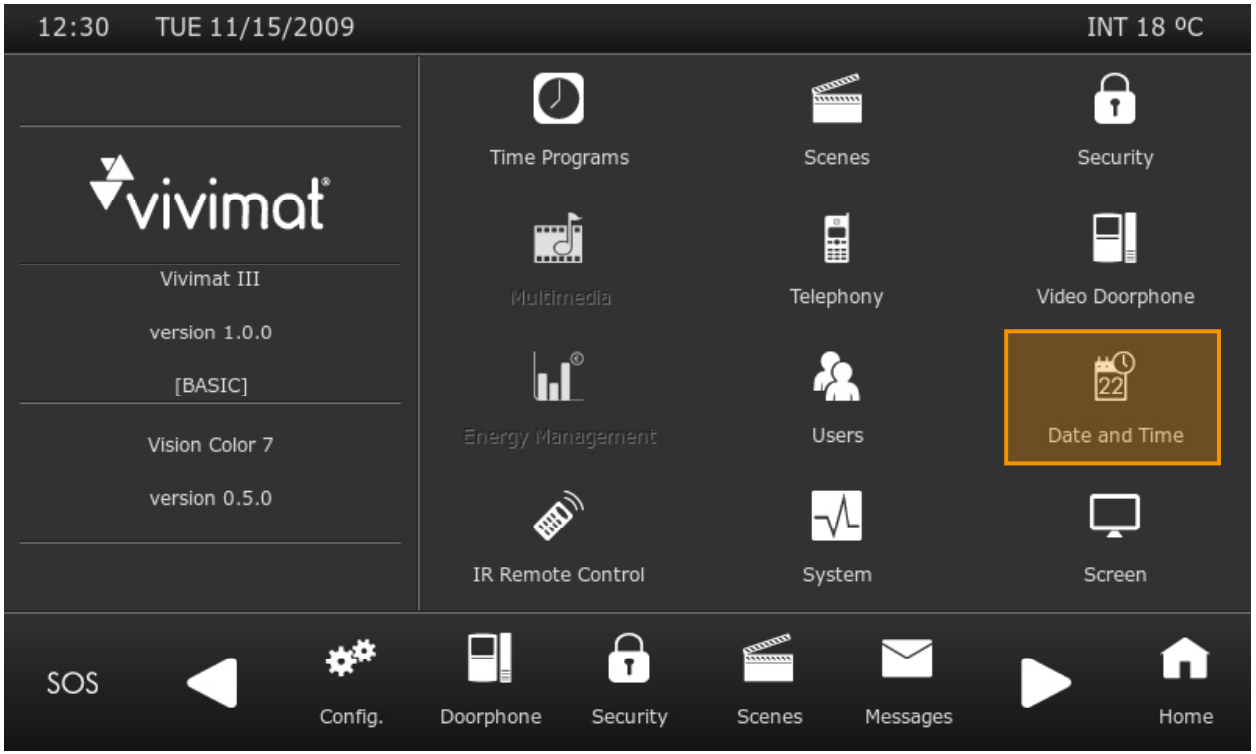
Read Key button enables the code of a key to be read and displayed on screen. This can be used to find out whether or not a key has been allocated to a user.


12:30
TUE 11/15/2009
Log out
INT 18 ºC
Name
Code
Access level
user 1
1111
Master
user 2
2222
High
user 3
3333
Medium
user 4
4444
Low
Read key
Apply
Close


Swipe key to read

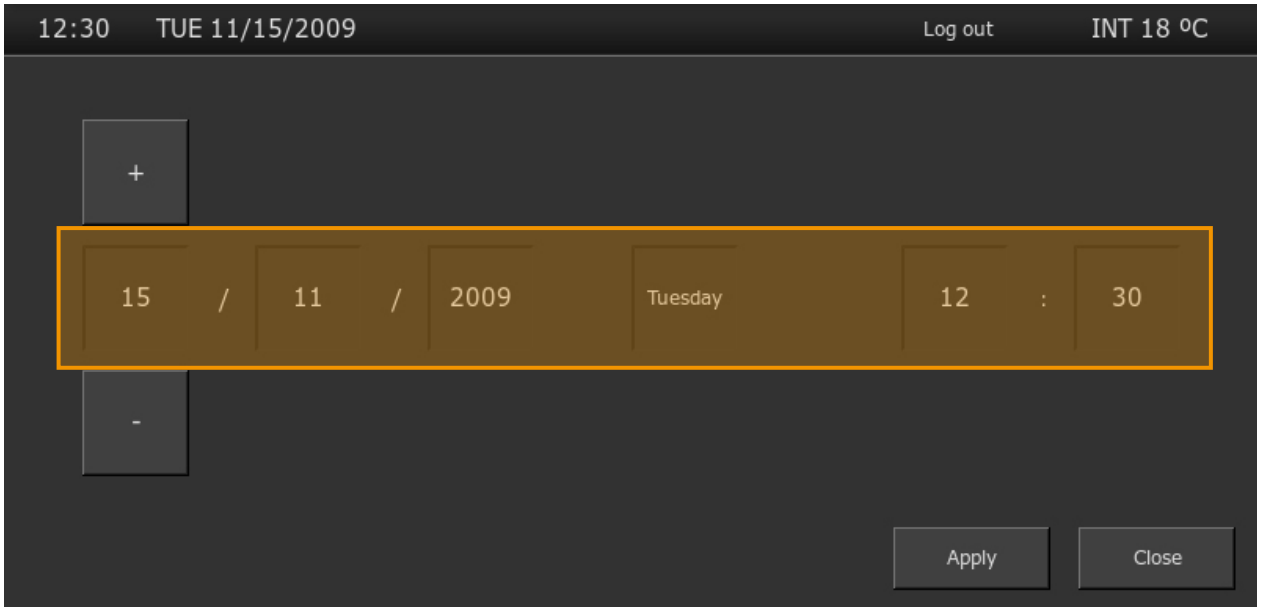
15. Date and time

The date and time on **vivimat®** III systems can be changed. Click on the *Configure* direct access and then on *Date and Time*.

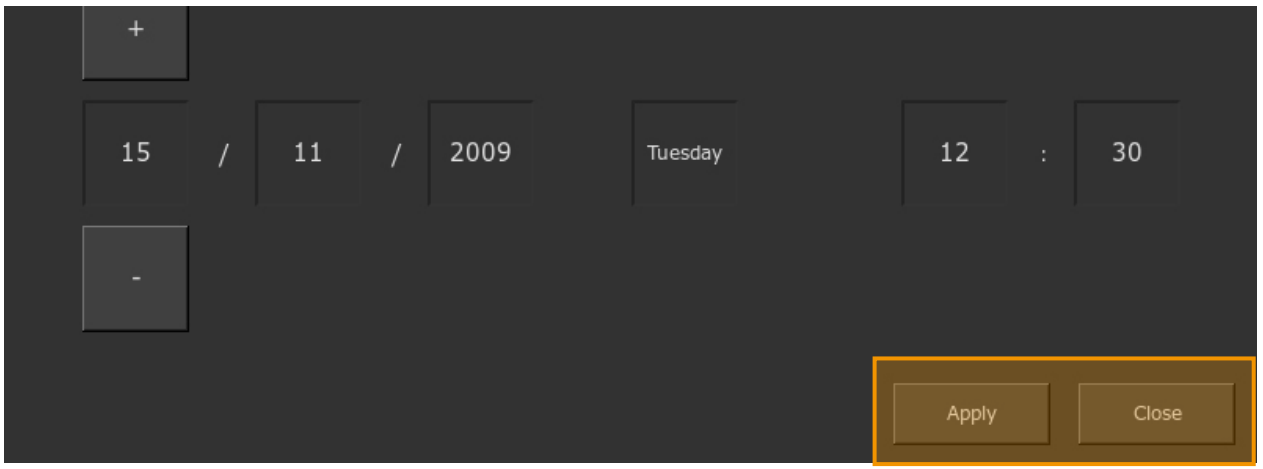


Date and time changes made on any terminal are applied to the whole system, at the central monitoring station and at all other terminals connected.

Click on the item to be changed and use the + and – buttons above and below it to change the day, month, year, day of the week, hour and minut



To save the changes click on *Apply*, and to ignore them click on *Close*.



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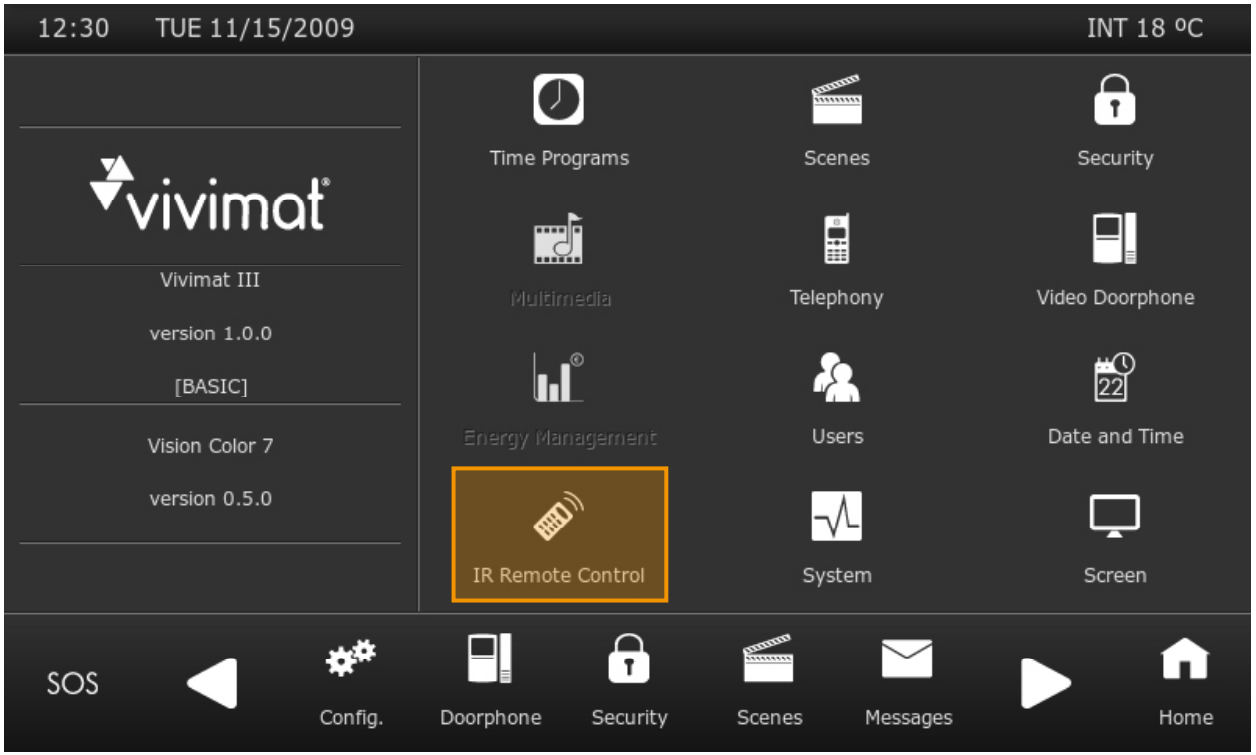
16. IR control

Various features of the home automation system can be controlled via a conventional infra-red remote control. This function is available only if the system if equipped with infra-red receivers. These receivers may be external or incorporated into the screen.

To configure the remote control click on the ***Configure*** direct access and then on ***IR Remote Control.***



Up to 30 different actions can be configured for remote control.

The following must be defined for each action configured:

Name: To identify the remote control button to be pressed for the action in question.

Action: To define the action.

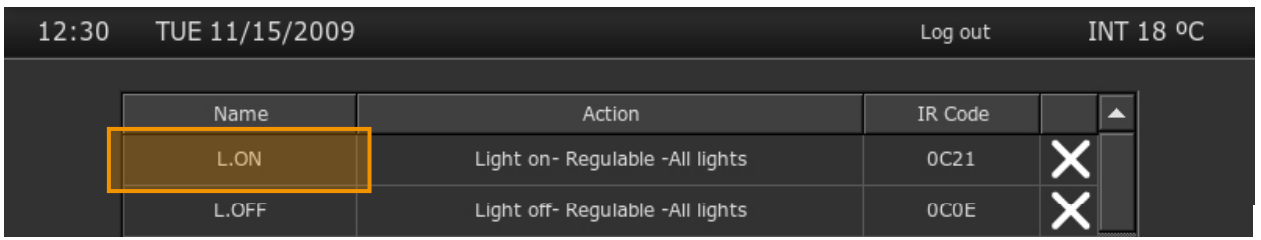
RC5 Code: The RC5 code for the button. Each remote control button emits an RC5 code that the system can learn to recognise.

There is an icon on the right that serves to delete actions:

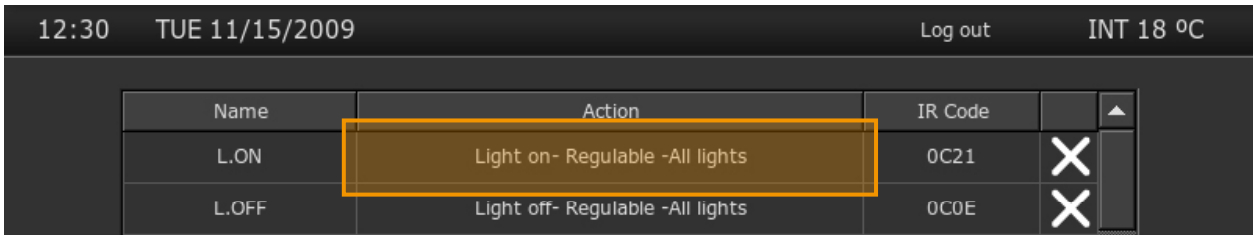
Delete action

16.1 Creating / Modifying an action

Click on ***Name*** to access the alphanumeric keyboard and change an existing action or enter a new one in the first empty field. See the section 2.6. Numerical and alphanumerical keyboard.



Click on ***Action*** to bring up the dialogue box to change the action or select a new one on the first empty line.



The actions that can be set are the following:

Run Scene
This enables a scene to be run by pressing a pre-set button on the remote control. For this action the following fields must be configured:

Item: All the scenes configured on the system are displayed.

Set Intruder Alarm in Perimeter Mode: The intruder alarm to be set in perimeter mode by pressing a pre-set button on the remote control.

Activate Panic Alarm: This enables the panic alarm to be set by pressing a pre-set button on the remote control.

Open Video-intercom: If the home has a video-intercom, this enables the door to be opened by pressing a pre-set button on the remote control.

Light On/ Off: This enables a light to be switched on and off by pressing a pre-set button on the remote control. For this action the following fields must be configured:

Select the type of light.
- Light ON/OFF
- Dimmer Light: The light can only be switched on and off, not dimmed
- All lights

Select the type of control.
- Individual light: to control a single light.
- Area lights: to control all the lights in a particular area.
- All lights: to control all the lights in the home.

Select the item to be controlled.
The options available are shown, according to the type of item and type of control selected.

		Type of Item		
		Light ON/OFF	Dimmer Light	All Lights
Type of Control	Individual Light	All ON/OFF lights in the home are displayed	All dimmer lights in the home are displayed	All lights in the home are displayed
	Area Lights	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed
	All Lights	Action affects all ON/OFF lights	Action affects all dimmer lights	Action affects all lights in the home

Light Increase / Decrease

This enables the brightness of dimmable lights to be increased/decreased in +/- 20% steps by pressing a pre-set button on the remote control. Each press of the remote control button allocated to this action increases or reduces the brightness by 20%. For this action the following fields must be configured:

Type of Control:

- Individual light: to control a single light.
- Area lights: to control all the lights in a particular area.
- All lights: to control all the lights in the home.

Item: The display depends on the type of control selected.

		Type of Item
Type of Control	Individual Light	All dimmer lights in the home are displayed
	Area Lights	All areas of the home are displayed
	All Lights	Action affects all dimmer lights

Motorized device up / down

This enables a motorized device to be raised or lowered by pressing a pre-set button on the remote control. There is no positional control, the device is either fully raised or fully lowered. For this action the following fields must be configured:

Select the type of control:

- Individual device: to control a single motorised device.
- Area device: to control motorized devices in a particular area.
- All devices: to control all the motorized devices in the home.

Select the item to be activated:

- Ordinary blind
- Positional blind
- Grouped blinds
- Any blind
- Ordinary awning
- Positional awning
- Grouped awnings
- Any awning
- Ordinary curtain
- Positional curtain
- Grouped curtains
- Any curtain
- Motorized door

Item: The options available are shown, according to the type of item and type of control selected.

		Type of Item				
		Ordinary blind*	Positional blind*	Group of blinds*	Any blind*	Motorised door
Type of Control	Individual device	All ordinary blinds in the home are displayed	All positional blinds in the home are displayed	All grouped blinds in the home are displayed	All blinds in the home are displayed	All motorised doors in the home are displayed
	Area device	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed	All areas of the home are displayed

	All devices	Action affects all ordinary blinds in the home	Action affects all positional blinds in the home	Action affects all grouped blinds in the home	Action affects all blinds in the home	Action affects all motorised doors in the home

* Same for blinds and awnings.

Climate Control On / Off

This enables climate control to be switched on/ off by pressing a pre-set button on the remote control. If climate control is off, pressing the button allocated to this action with switch it on, and vice versa. For this action the following fields must be configured:

Select the type of control;

- Individual climate controller
- All climate controllers

The options shown depend on the type of control selected:

- Individual climate controller: all climate controllers in the home are displayed.
- All climate controllers: this option is disabled, as all climate controllers are to be activated.

Device On / Off

This enables a device to be switched on or off by pressing a pre-set button on the remote control. For this action the following fields must be configured:

Type of Control:

- Individual device: To control a single device.
- Area device: To control devices in a particular area.
- All devices: To control all the devices in the home

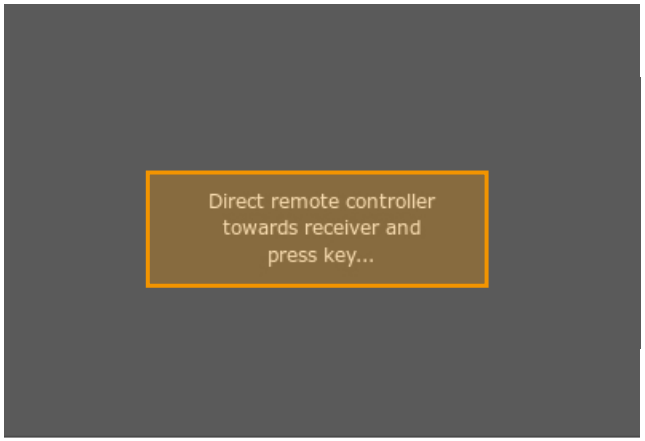
The items shown depend on the type selected:

- Individual device: All the devices in the home are displayed.
- Area devices: All the areas in the home are displayed.
- All devices: This option is disabled, as all devices are to be activated.

16.2 Learning Infra-Red codes

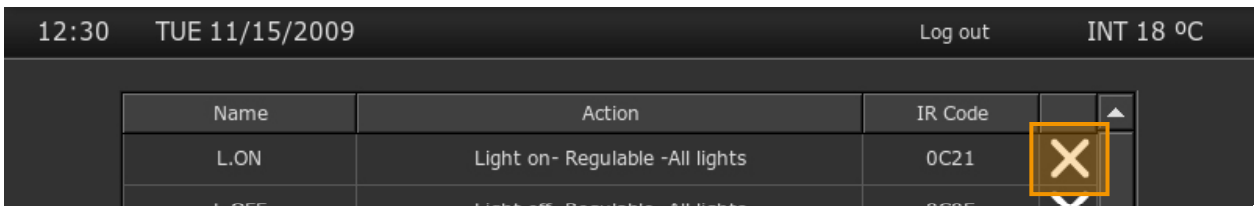
To change the infra-red code associated with an action click on the relevant box in the *IR Code* column.

The system will switch to *"learn code"* mode and will show a dialogue box to indicate that you should press the desired key to receive the infra-red code from the remote control unit and associate it with the action in question.



16.3 Delete action

To eliminate an action click on the relevant icon.



This will bring up a dialogue box where you can choose between *OK* and *Cancel*.

Panic alarm. Hold down the button for around 2 seconds to set off the panic alarm.

Appliances on

Appliances off

Connect climate control Manually

Lights on. For lights with dimmers this button increases brightness by 20%

Lights off. For lights with dimmers this button decreases brightness by 20%

Run scenes

Set intruder alarm in partial mode

Disconnect climate control

This is a universal remote control, that can control a TV, DVD, digibox, etc. This button switches to home automation control.

Blinds up

Blinds down

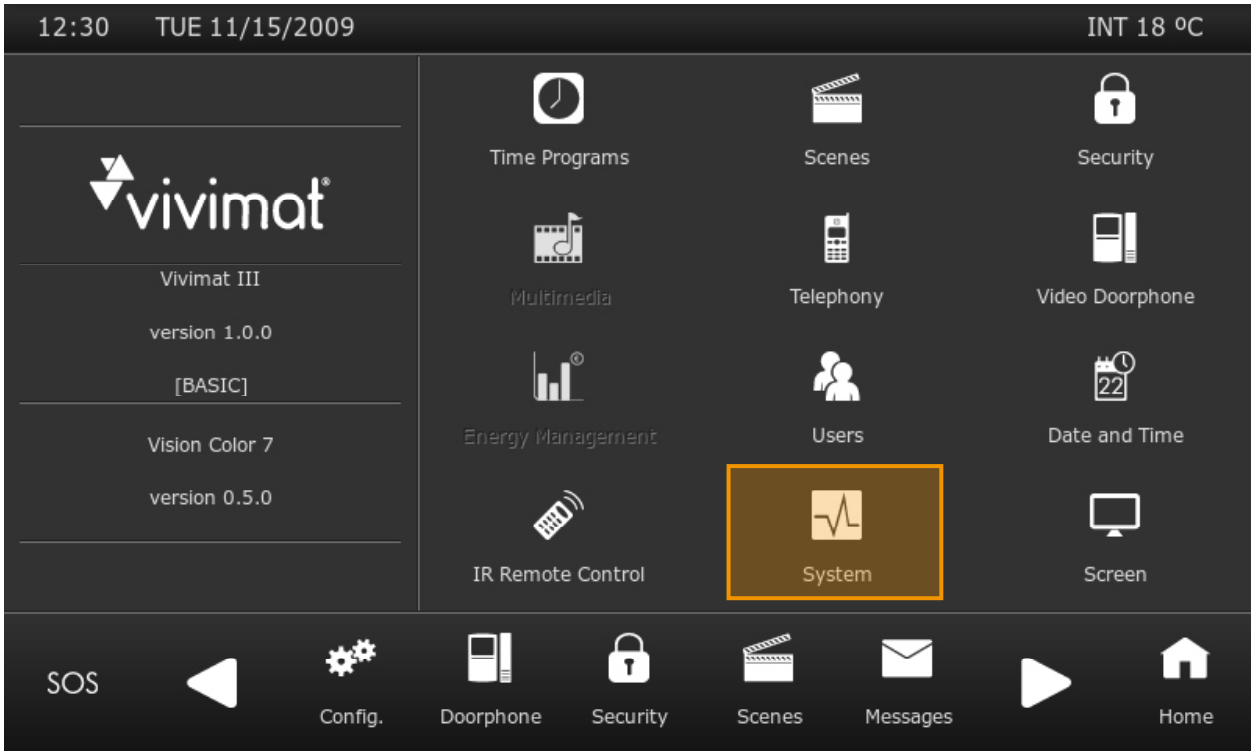
Play voicemail messages

Switch between cameras

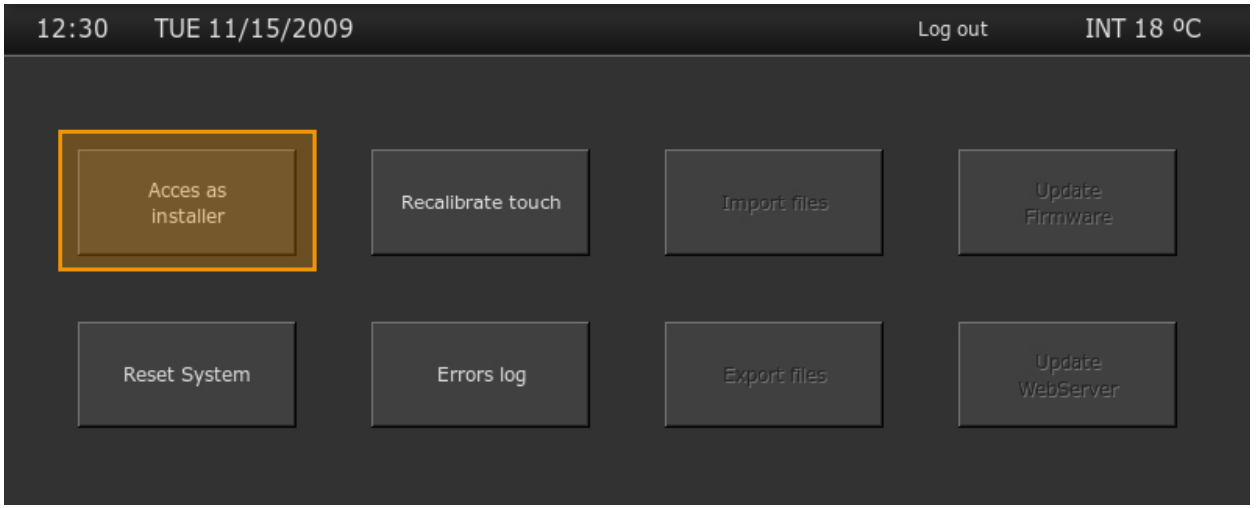
Open street door. Enabled only with video-intercom function.

17. Configuration of the system

vivimat® systems can be set for system configuration functions. To access system configuration click on the ***Configure*** direct access and then *System*.

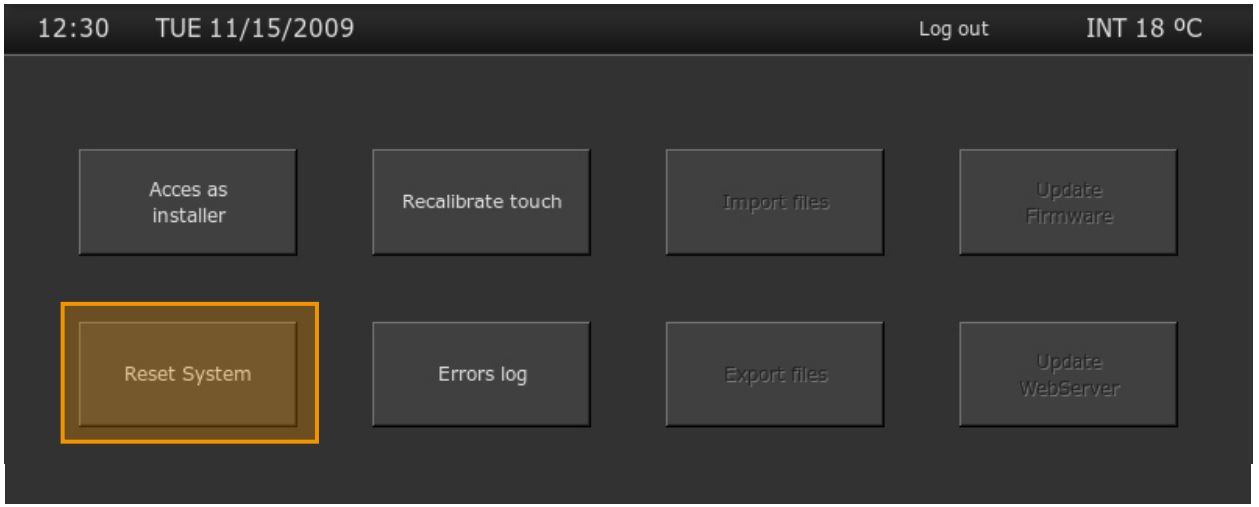


Installer access: This enables access to the system as an installer. See the section 2.7. Access levels for details of what installers can do to the system.

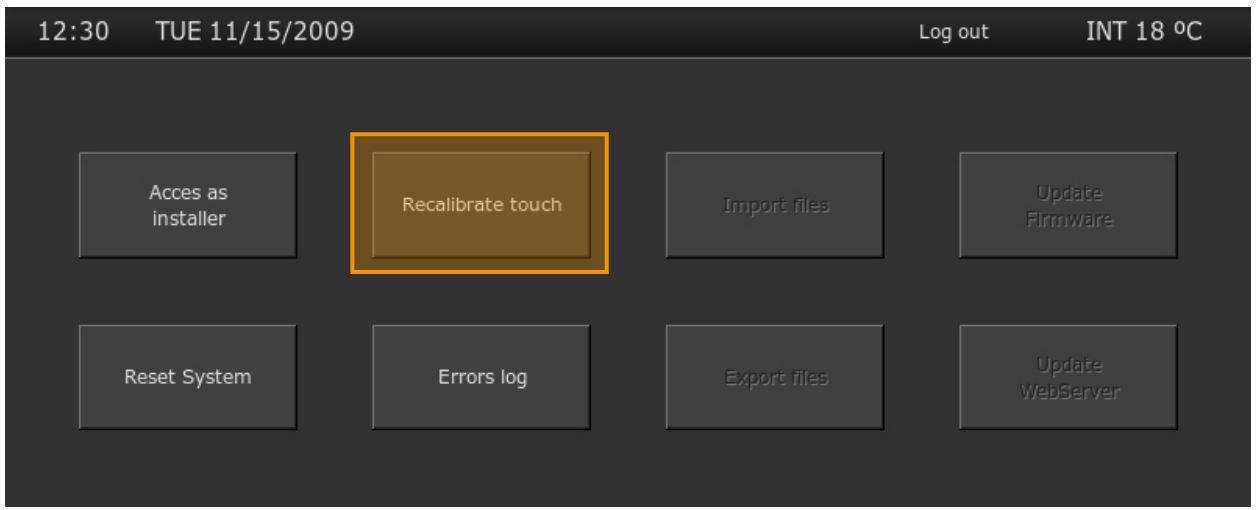


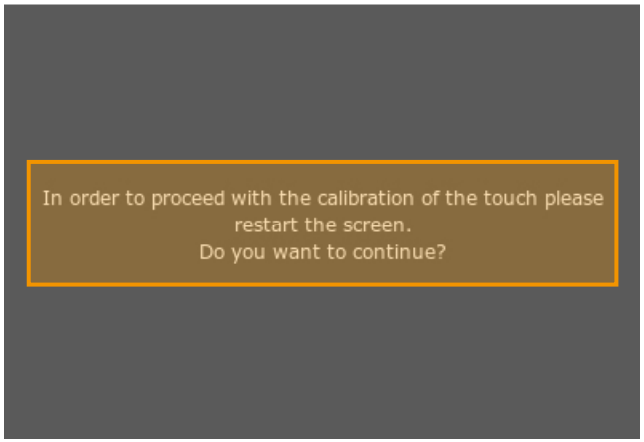
Enter acces code.

System reset: This enables the screen and central monitoring station to be reset. The system reset takes 3 seconds.

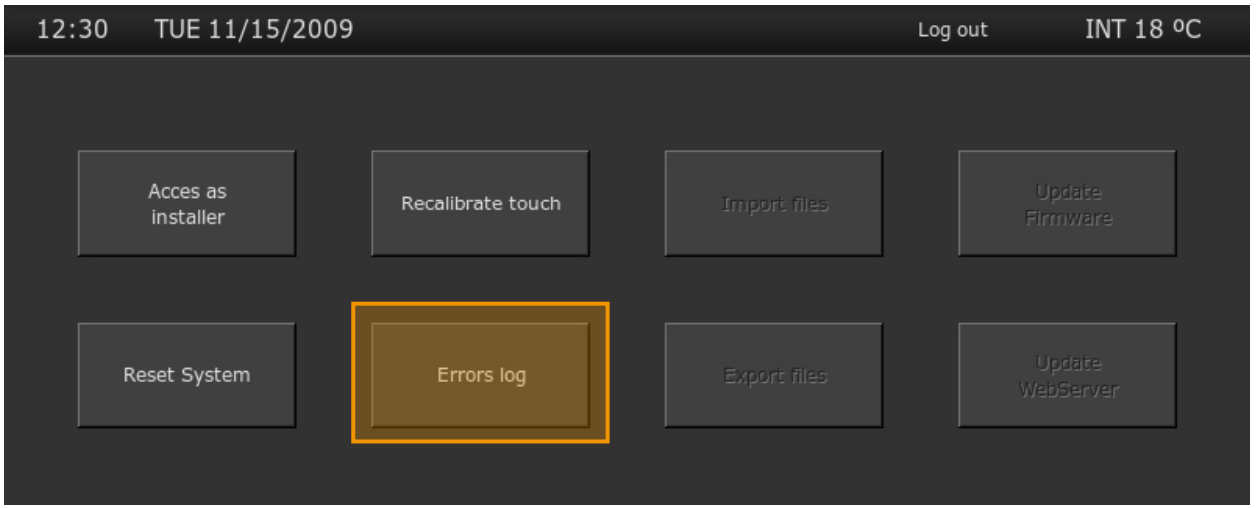


Reset Touch screen: This resets the screen and displays the touchscreen settings.





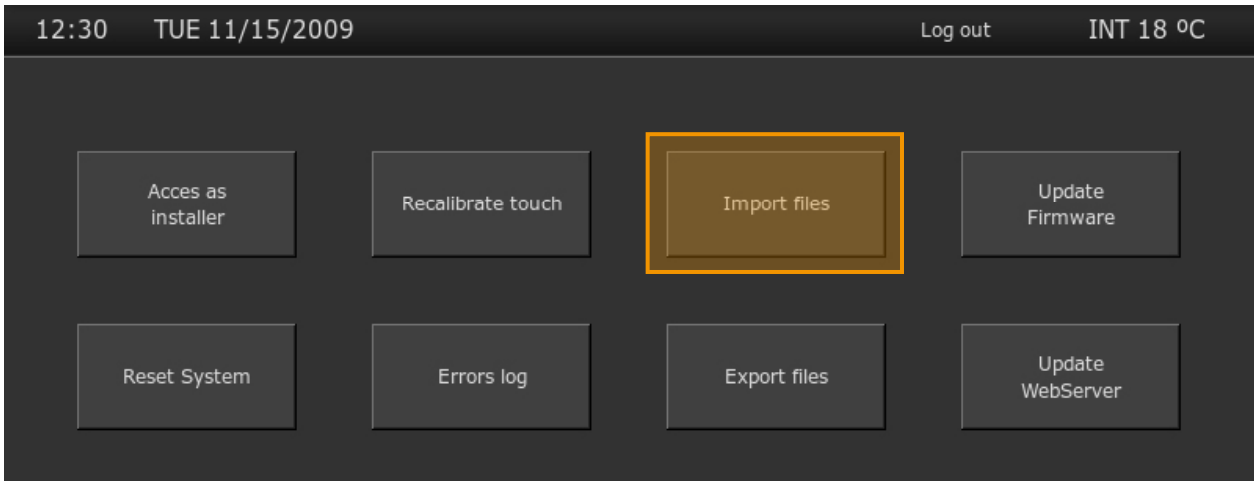
Error log: This displays the errors logged and stored by the system.



System configuration options are enabled only once you have logged on as an installer. Once the correct password is entered the following are available:

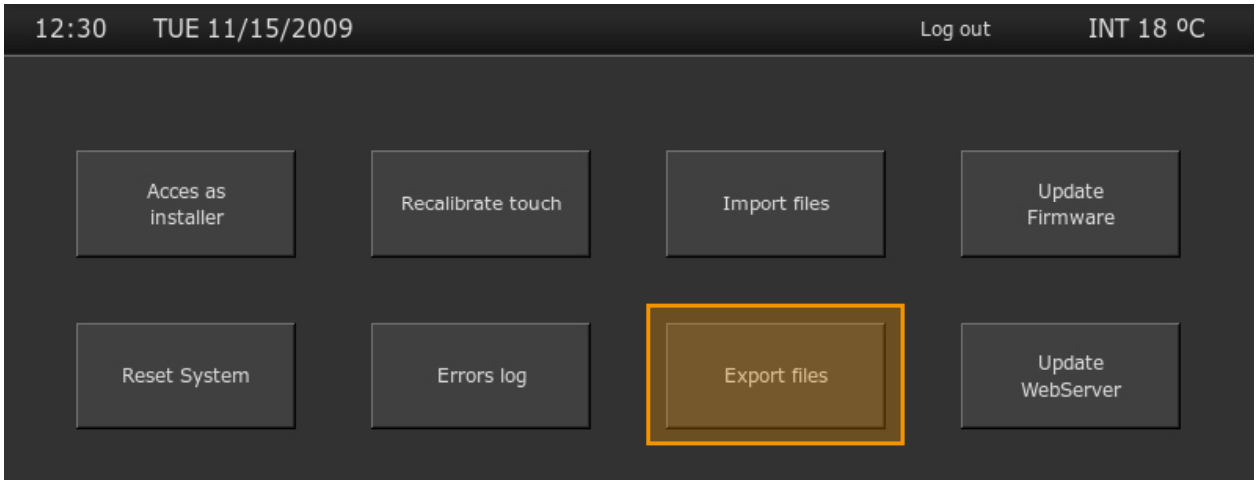
Import files: This enables the system to be loaded:

- New configurations: Via a USB device or SD memory card. A directory named Config must be created in the root directory and the relevant files copied to it.
- New layout plans: Via a USB device or SD memory card. A directory named Plans must be created in the root directory and the relevant files copied to it.
- New icons: Via a USB device or SD memory card. A directory named Icons must be created in the root directory and the relevant files copied to it.
- New translations: Via a USB device or SD memory card. A directory named Translations must be created in the root directory and the relevant files copied to it.

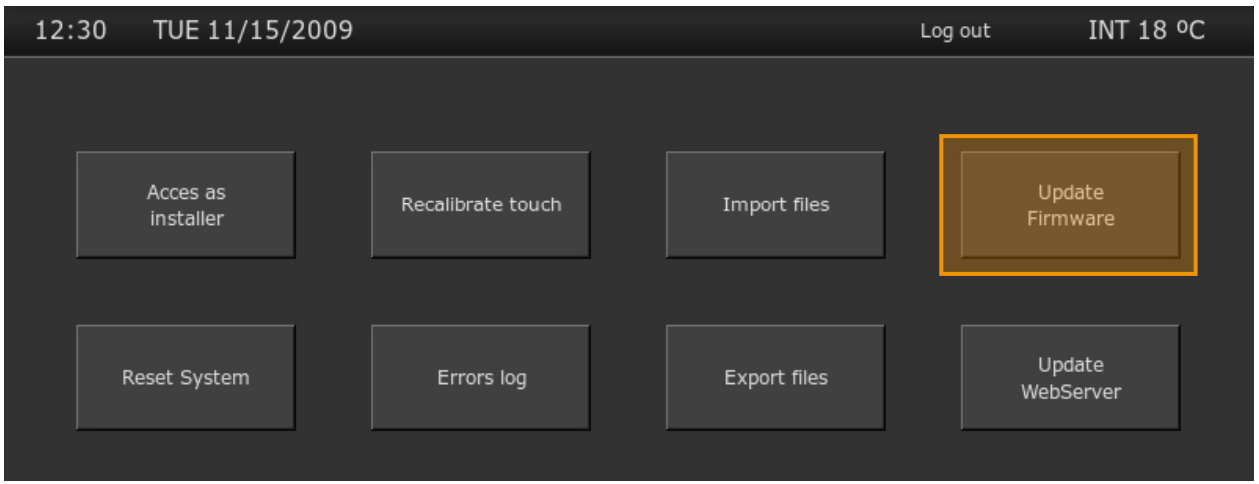


Export files: This enables files to be exported to a USB device or SD memory card.

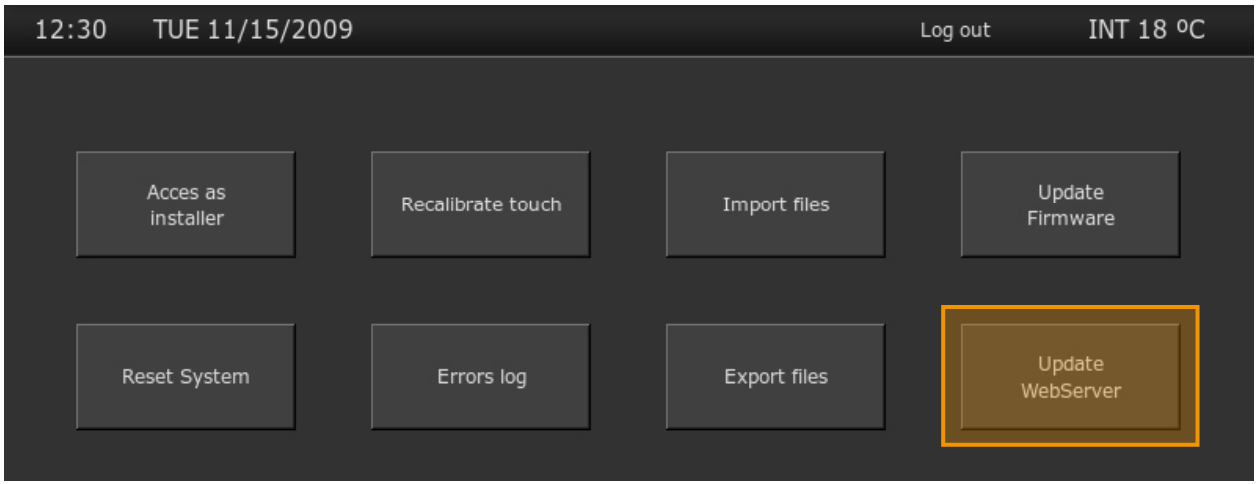
- System configuration: This creates a directory on the device named Config that contains the system configuration.
- Layout plans: This creates a directory on the device named Plans that contains the layout plans of the dwelling.



Update Firmware: This enables the screen firmware to be updated. The new firmware must be saved to a USB device or SD memory card.



Update Webserver: This enables the webserver firmware to be updated. Not available on this version.



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18. Telephone remote control

This option enables certain features of the Vivimat TM III system to be remotely controlled via a telephone (DTMF multi-frequency). To enable telephone remote control see the section 13. TELEPHONY in this manual.

There are two types of spoken telephone remote control:

Guided: In this mode Vivimat TM III gives spoken guidance throughout the telephone remote control menu. The following functions can be controlled:

- Climate control.
- Alarm system setting/ deactivation.
- Intruder alarm setting/ deactivation.

Direct: In this mode the user gives the commands via telephone remote control codes. It controls more system functions:

- Climate control
- Power sockets
- Alarms
- Intruder alarm
- Watering
- Motorised devices
- Communications
- Lighting
- Scenes

18.1 How to use spoken remote control

Establish contact:

Contact is established via a telephone call. The system is configured for a given number of rings (which can be modified by users with an access level of "high" or higher). If the number of rings is set to 4 or more, **vivimat®** III answers automatically. If it is set to less that 4, a preliminary activation call must be made to tell the system that the next call that it receives will be a remote control call.

Preliminary activation of telephone remote control:

To pre-activate telephone remote control Vivimat counts the number of rings when the user calls. If it is no more than a pre-set number (usually 2) telephone remote control mode is pre-activated. To obtain the exact number of rings when calling, count the number of ring tones (equivalent to the number off rings). Hang up when the preset number is reached. The remote control will pre-activate after around 10 seconds if no more rings are detected. The default number of rings can be changed via the P-VISION-C7(X) screen.

Activation of telephone remote control:
Call again 10 - 20 seconds after the pre-activation call. **vivimat®** III will answer immediately and activate remote control mode. Once contact has been established, **vivimat®** III will ask for the password:

Enter your password

Enter your user password (the same one used to deactivate the alarm system). If the password is incorrect the following message appears:

Password Incorrect

If it is correct but the password access level is lower than the preset level the following appears:

Access Denied

In both cases **vivimat®** III cuts off the connection after three failed attempts. If your password is correct the following message appears:

Password Correct

Once a correct password with a permitted access level is entered, the remote control menu is displayed:

Guided Menu … Press 1
Direct Menu … Press 2

The answering machine must be configured to cut in after a number of rings greater than that set for pre-activation of the remote control system. The number of rings is preset by the installer depending on the type of telephone line.

Screen P-VISION-C7(X) enables the number of rings for remote control to be changed.

18.2 Guided spoken remote control

In this mode **vivimat®** III provides spoken guidance through the remote control menu.

18.3 Direct spoken remote control

In this mode the user gives commands via remote control codes. Direct mode allows greater control over the system, as it controls more options. However it is less intuitive than guided mode.

The remote control codes have the following format:

x *where x s a number with between 2 and 5 digits.*

Once direct mode has been selected, VivimatTM III prompts you to enter a command.

Enter Command

Enter the desired direct control code. If the code is for a command the system will respond with a confirmation message. If it is a request for information or status, the system will respond by providing the information requested.

DIRECT REMOTE CONTROL CODES		
CLIMATE CONTROL		
	1NN	Status of climate control unit NN.
	1000	Set general climate control mode to COOLING.
	1001	Set general climate control mode to HEATING.
	1002	Set general climate control mode to CLIMATE CONTROL.
	1003	Set general climate control mode to OFF.
	1NN0	Switch off climate control unit NN.
	1NNTT	Set climate control unit NN to manual with setting TT.
	199TT	Set all units to manual with setting TT.
PLUGS		
	2NN	Status of power socket NN.
	2NN0	Switch off power socket NN.
	2NN1	Switch on power socket NN.
	2NN2	Set power socket NN to program mode
	2990	Switch off all power sockets

ALARMS		
	30	Deactivate active alarms (technical alarms only)
	34	Reactivate active alarms (technical alarms only)
	31	Disable alarm alerts.
	32	Enable alarm alerts.
	33	Check alarm status.
INTRUSION ALARM		
	40	Deactivate intruder alarm.
	41	Activate intruder alarm in full mode.
	42	Check intruder alarm status
WATERING		
	5NN	Status of watering unit NN.
	5NN0	Switch off watering unit NN.
	5NN1	Switch on watering unit NN.
	5NN2	Set watering unit NN to program mode
	5990	Switch off all watering units.
	5991	Switch on all watering units
MOTORIZED DEVICES		
	6NN	Status of motorised device NN.
	6NN0	Lower motorised device NN.
	6NN1	Raise motorised device NN.
	6NN2	Set motorised device NN to program mode
	6990	Lower all blinds.
	6980	Close all awnings.
	6970	Close all curtains.
	6960	Lock all doors.
COMMUNICATIONS		
	70	Enable video-intercom divert to telephone.
	71	Disable video-intercom divert to telephone.
	72	Enable video-intercom answering system.
	73	Disable video-intercom answering system.
	74	Begin speaking/listening with terminals.

LIGHTING		
	8NN	Status of light NN.
	8NN0	Switch off light NN.
	8NN1	Switch on light NN.
	8NN2	Set light NN to program mode.
	8990	Switch off all lights.
SCENES		
	9NN	Run scene NN.

vivimat®

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Product manufactured by DINITEL 2000 S.A.