USER MANUAL

SideraHome/SideraWeb

UNA AUTOMATION

MASTER
LIVING TECHNOLOGY

The purpose of this manual is to illustrate SideraHome and SideraWeb operations and use, two control instruments for an UNA domotics system, supplied by Master S.r.l. Electrical division.

The content refers to the last officially distributed version, therefore it may change without prior notice for the end user. To obtain the latest updated manual, visit sidera.domologica.it section *Support > Manuals*.

Thank you for your preference and wish you a good read.

Contents

SIDERA HOME

SideraHome is a web application, created by Master Srl Electrical Division, which controls the devices in your UNA domotics system through a common home network (Wi-Fi or Ethernet). With it you can, for example,turn the house lights on/off, open the blinds, adjust the thermostat temperature and control the consumption of an appliance.

How to access it

SideraHome is accessed via computer or tablet/smartphone (iOS, Android) equipped with:

- a common browser (program for browsing on the Internet, such as Chrome, Firefox, Internet Explorer 9+ , Safari, etc.)

- or, in the case of a mobile device, also by downloading the **UNAMobile** application for free from the respective App Store

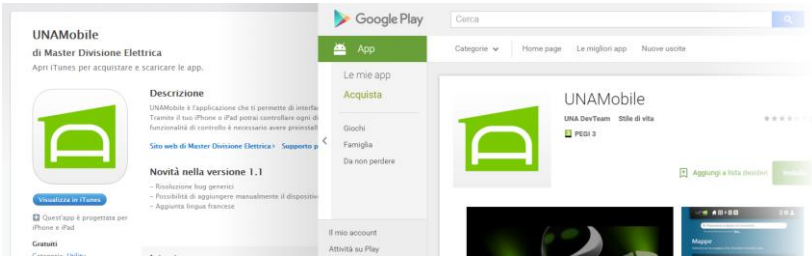


Figure 1. Apple and Google stores where you can download the UNAMobile app

No internet connection is required to take advantage of all this because the system uses the network in which the system resides.

Before you begin, make sure you are connected to the same network that hosts the central home automation system - the Wi-Fi signal or the Ethernet cable must be from the same router/switch that is also connected to the Vesta card.

Note: This means that if you are out of the house, you will not have access to home automation using this method.</g> *For information on remote access, refer to Chapter SIDERA WEB in this guide.*

Solution A - Access via UNAMobile (for smartphone/tablet)

Once you open the application, the network Vesta card tab will appear in the first screen. Once selected, SideraHome will load after a few moments and you control the home automation system from here, navigating between the pages described in the following paragraphs.

Figure 2. UNAMobile logon screen in iOs (left) and Android (right)

If no item appears, try reducing the distance from the wireless router, then press the Reload button at the bottom of the screen. Alternatively, follow solution B or contact your installer or network administrator.

Solution B - Access via browser (for smartphone/tablet/PC)
Open a standard browser (application to surf the Internet), enter the IP address associated to the Vesta card in the address bar at the top (for example 192.168.1.30). This address will be provided by the installer or you can retrieve it using the UNAMobile application.

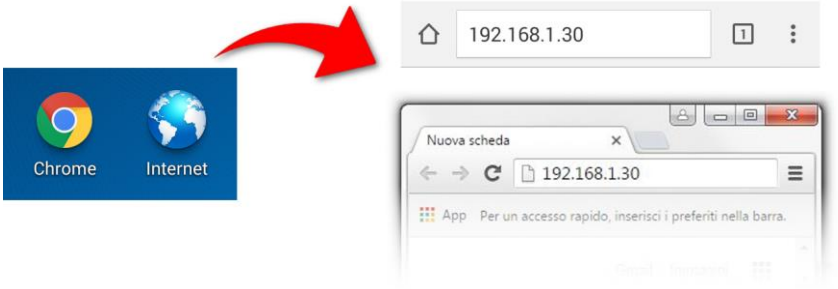


Figure 3. You can control the home automation system through a shared program to access the Internet, provided you know the Vesta IP address

VESTA IP ADDRESS: . . .

SideraHome menu

SideraHome is divided into several pages that facilitate the consultation of the various aspects of the home automation system, listed in the black menu at the top, and in the home page accessible by clicking on the UNA logo. The various sections in the order they appear in this menu are described below.

Figure 4. SideraHome navigation menu, in desktop version (above) and mobile (below)

Home

The Home page is the home page. It groups the links to the most important SideraHome pages. Once you visit a section chosen from *Maps* and *Categories* this page will be skipped in favour of faster navigation to the last section visited.

Maps

The *Maps* page lists the home areas distributed hierarchically from the main to secondary.

> ***Note:*** *if there is only one map, this page will not be visible, as you will be automatically redirected to it.*

Figure 5. List of maps

If there are several maps, these will be positioned in one or more "levels", according to the logical structure of the home automation design.
Generally, there is a main map at the top, followed by more specific maps (floors, single rooms, etc.).

The order of maps can be customised by holding down an image and dragging it to the desired location. However, you can only order maps belonging to the same level.

Single map

Click on the image of a map to switch to a page containing its devices (lights, blinds, etc.).

The interface changes by automatically adjusting the screen size:

- If space allows, it will be displayed in the large map image, with overlapping elements in the form of icons
- With small screens (i.e.. Smartphone), the map will be hidden and the same elements will be displayed alternately in a vertical list

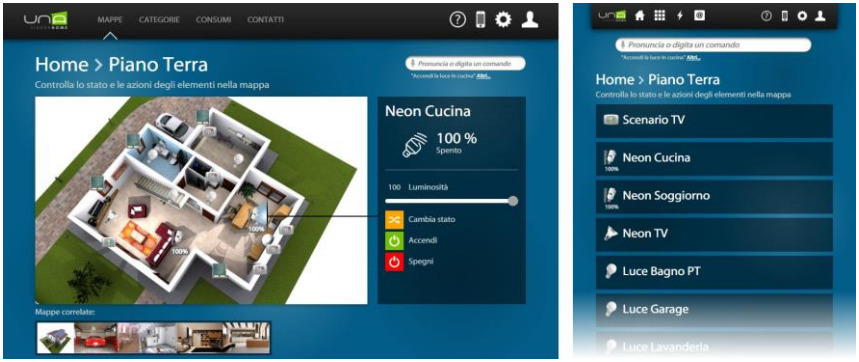


Figure 6. Alternative views of a single map (desktop and mobile)

Each item can be inspected and controlled directly by clicking its icon or its name. You will see a box with information about the current state of the device and with the actions you can perform, differentiated according to its type and its status.

***Tip:** to perform the primary action on an item without opening its box (i.e. turn a light on or off), double-click it with the mouse or press and hold your finger on the icon.*

For more information on the various types of devices supported by SideraHome and actions that you can perform on them, visit the chapter *Types of elements*.

The maps related to the one currently displayed are listed at the bottom of the page: this way, you can jump from one map to an adjacent one without going through the general list.

Categories

The categories are an alternative view to that of the maps, where the devices are organized by type and not by location. This page comes in handy when you want to monitor, for example, all and only the lights, all the cameras, or only the electrical outlets in a single glance without having to move from one map to another.

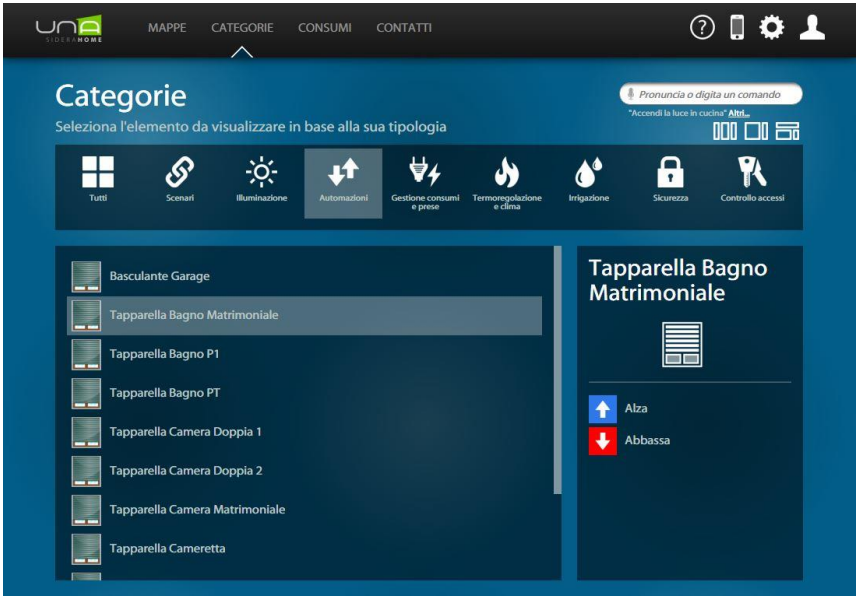


Figure 7. With the categories you can find all similar devices without browsing the maps

The following categories are available: *Scenarios, Lighting, Automations, Socket and consumption management, Climate control, Irrigation, Security, Supervision, Access control, Audio diffusion.* However, depending on what comprises the home automation system, some categories may be absent.

Figure 8. Example of some available categories

- **Scenarios**: This category includes physical or virtual buttons and switches, timers and scenarios
- **Lighting**: All kinds of lights, neon, halogen, LED, dimmable or not, RGB
- **Automations**: Forms of self-propelled systems, such as roller shutters, overhead doors, blinds, etc.
- **Socket and consumption management**: Outlets, electricity (TA) and water/gas meters, load cut-off, can be managed here
- **Climate control**: It includes everything related to temperature and environmental comfort, such as thermostats and hygrostat, boilers and air conditioners, electric valves, fan coils, fans, ThermaFloor
- **Irrigation:** guessed from the name, basically it lists the sprinklers
- **Security**: the supported burglary and surveillance systems belong to this category (Inim, Sicurit), in addition to viewing the IP cameras
- **Supervision**: If there are status alarms to monitor external equipment operation
- **Access control**: lists the Master Difra card for controlled access to rooms, especially in hotels
- **Audio diffusion:** this category includes the supported audio systems for the sound system (Vivaldi, Tutondo)

The initial category *All* groups all the elements of the other categories.

Only in *desktop* mode (Large screens), the boxes on this page can be arranged in three different interfaces, accessible by as many buttons in the top right.
In *mobile* mode (Reduced screens), however, the display is unique, but the information is the same.

Figure 9. Three different layouts to best use the categories

Real-time consumption

This page lists information about the real time consumption of the devices monitored by the domotics system. The devices are divided into two sections, depending on whether they produce energy (i.e. Solar) or if consume it (i.e. Washing machine, oven, refrigerator).

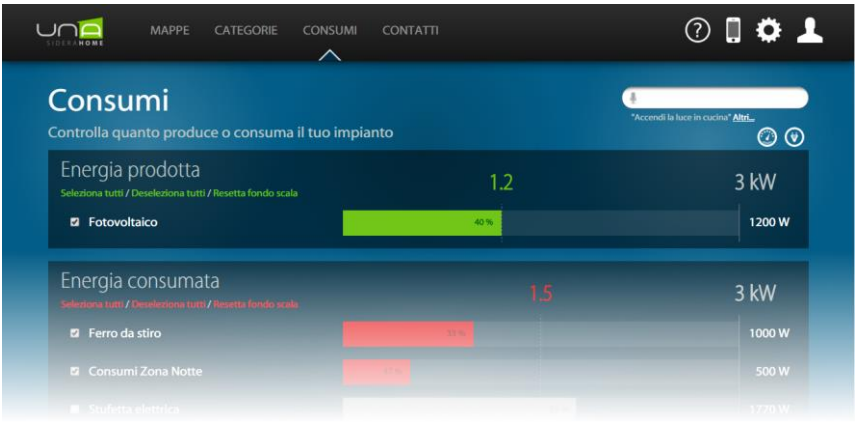


Figure 10. Page where real-time device consumption and production are summarised

Note: *as a rule, all home appliances do not appear here, but only those for which an energy meter has been installed by the installer.*

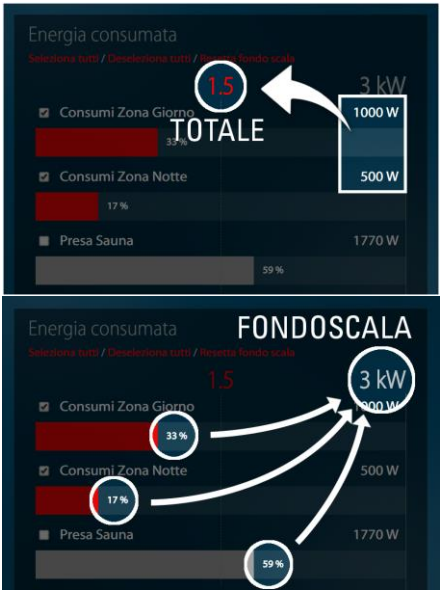
Each device is represented by a line containing a *checkbox*, its name, a horizontal histogram, and its actual power value (in watts).

Figure 11. Example of a real-time element consumption line

- **Checkbox**: this flag (☑) is used to select/deselect the line. If unchecked, the line becomes grey and is ignored in the calculation of the total sum of power in the section to which it belongs. This option is useful, for example, when you want to know the total consumption of only some devices instead of the entire list, or if power meters have already been installed upstream, to exclude them from the sum to avoid doubling it.
  The checkbox is also used for other tasks: the selected lines appear at the top of the list, the others at the bottom; also it serves to reset the scale of individual lines (see following paragraphs).

- **Histogram**: This is a horizontal bar that graphically indicates the actual power produced/consumed. Unlike the value in watts, it expresses it as a percentage with respect to a full scale. This full scale changes depending on the current interface, selectable by the two radio buttons in the upper right of the page.

When you choose the *Total* interface, two large values, one red or green red or green and one aligned on the right, appear at the top of each box.



The first is the sum of the present power values of the underlying selected rows.
This number dynamically moves in a horizontal line, and its position is given by the sum of the lengths of the red or green bars.

The second is its full scale, calculated empirically based on use and which should be similar to the electricity meter supply. Each percentage of the bars is referred to that number.

Figure 12. Consumption total and full scale

When you choose the *Single* interface, the total and full scale disappear. In this case, each percentage is self-contained, and indicates how the individual device is consuming compared to its maximum power. This maximum value is calculated historically according to its use, and is written in translucence on the right side of the bar (see Figure 11).
For example, an electric heater that used to consume 2000 Watts (high), and then 1000 watts (current value) will show a percentage of 50%.

Under the title of each section, there are some utility items:

- *Select all/Deselect all*: To apply / remove the flag at the same time on all the lines of the box
- *Reset full scale* after further confirmation, all-time highs of each line selected by flag, in addition to the full scale of the total sum, will be reset.

Note: *changing the flag on any line, the total full scale of both sections is recalculated to match the new choice.*

Consumption log - graphs

In the consumption page, click on each row of the list to open a hourly, daily, weekly and monthly log during the most recent period for the selected appliance.

Figure 13. Page where you can view the recent consumption trend log for an appliance

Note: *an SD card must be inserted in the domotics system Vesta card to record consumption, otherwise the "No database found" message will appear. Ask your installer to activate this feature.*

- The hourly graph shows the current consumption of the device for the last 24 hours, expressed in Wh. Click on one of the points on the graph to view the power value recorded at that hour. For example, 720 Wh at 12:00 means that the device has consumed the equivalent of 720 watts continuously in the hour from 12:00 to 13:00.

- The daily graph expresses the consumption in the last 7 days, expressed in Wh. The recorded date refers to the day of measurement, so 02.15.2016 indicates that the value is the sum of that consumed throughout the day on 15 February.

- The weekly graph shows the consumption of the last month, expressed in kWh and collected into groups of seven days each. The ranges do not follow the a standard calendar, but the following: 1-7 (first week), 8-14 (second week), 15-22 (third week), 23-28 (fourth week), 29-31 (not shown). Therefore the example date 14/06/2016 refers to the 8-14 days of the month.

- The monthly graph lists the historical consumption of the last 6 months, expressed in kWh. An example date of 1/12/2016 refers to the power consumed/produced during the entire month of December.

Click on the magnifying glass on the corner of each graph to zoom in / out for clarity (in *desktop* version only).

Consumption log - CSV table

Historical consumption data is not only available in graphs; data can be downloaded to a CSV file containing not only the most recent data, but also those of any time interval.

A CSV file is a table file that can be read with a program like Microsoft® Excel. To download it, click on the Download log in CSV button at the bottom of the real-time consumption page, and filter the information you want, such as the time range or types of recorded consumption (hourly, weekly, etc.).

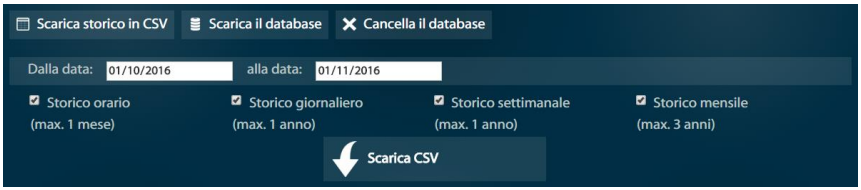


Figure 14. Filter box for consumption data that can be downloaded via CSV

Once the file is downloaded (called *consumptions_backup.csv*), you can open it with Excel. Next, select the entire column A and click *DATA > Text to Columns*. At each step, choose options *Delimited >Comma > Text*. Now the data will be divided into multiple columns and can be consulted freely.

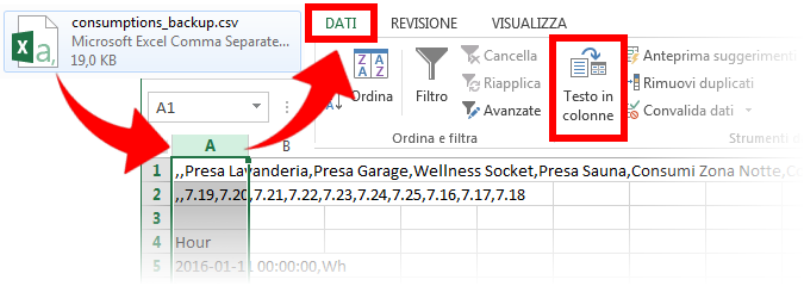


Figure 15. CSV document formatting in Excel 2013

Note: *for performance reasons, each download has a maximum limit of data (for example, max. 1 year). If you are interested more information, download changing the interval each time.*

The downloaded CSV file is actually an extract from the so-called *database*, an agglomeration file in the SD card. If you want to periodically copy it to your computer, simply click the Download the database button. To delete it and start recording consumption from scratch, however, the Delete Database button is available which, for security purposes requires the operator to enter the credentials specified in the *User profile* page. These two functions, however, are reserved only in cases of real need.

@ Contacts

The *Contacts* page provides a few addresses to let you send reports, questions or feedback to Master Srl Electrical division.
However, for requests for service or any issues please contact the reference installer first.

ⓘ Help

For a quick introduction to the domotics system features, SideraHome includes some indications for use, available by clicking the question mark icon at the top right of any page.

For a more detailed description of the various features of the system, this document remains valid.

Version (desktop/mobile)

SideraHome, by default, automatically adapts to the screen size used: if you use a SmartTV or a PC, there will be more space to insert maps and commands, otherwise, if you use a smartphone or tablet, the interface will contain same information but adapted for best viewing on smaller screens (see chapter *Maps* for a practical example).

However, if you prefer to force the interface to always remain the same, regardless of the device in use, just click on the icon in the upper right corner of each page similar to one of the following choices:

Clicking on a button in the shape of the phone will force the version to be the one dedicated to **mobile** devices such as smartphones or tablets

Clicking on the button in the shape of the monitor will force the version to be the one dedicated to **desktop** devices, such as PCs or smart TVs

Clicking this type of **mixed** button, SideraHome automatically chooses which of the two previous versions use

System

The *System* page collects certain information and settings dedicated mostly to the domotics system installer, in order to retrieve details, diagnose faults and make adjustments to the system.

Operation by the user on this page are not recommended.

User profile

The *User profile* contains all the settings and preference dedicated to the user, which can be freely modified to improve SideraHome accessibility. Any change must be confirmed with the Save settings button at the bottom of this page.

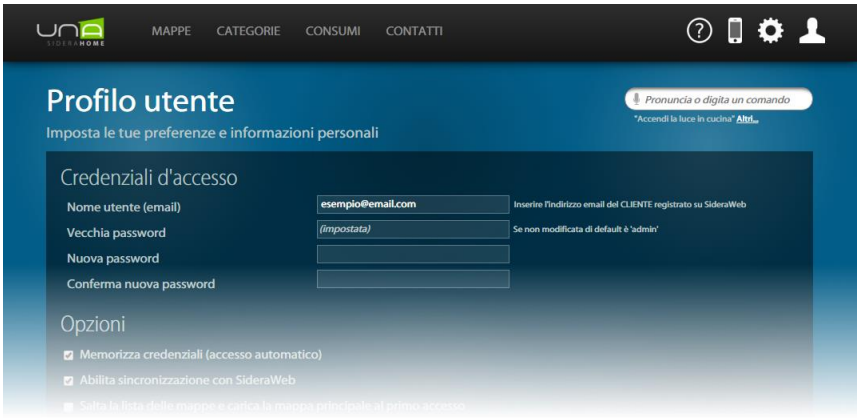


Figure 16. Page with user-settable preferences

In the first section *Logon credentials* you can manage user name and password, which have a dual function:

- Act as protection for SideraHome logon
- Allow remote access to the domotics system, so it can also be controlled from outside the home

The default credentials are *admin/admin*. In case you want to protect access to SideraHome by strangers connected to the same domotics internal network, simply uncheck the item *Remember my credentials (automatic login)* in the *Options* section on this page.

Figure 17. SideraHome login screen

In doing so, you will be required to enter a user name and password each time you *login* to SideraHome. We recommend you set credentials other than the default ones (username in this case may also not necessarily be an email address).

***Note:** if the credentials are lost and automatic login is not set, you may not login to SideraHome unless the installer intervenes. We recommend caution when handling certain parameters independently.*

If you enable synchronisation with SideraWeb in the options below, you must ensure that user name (in this case, necessarily an email address) and password coincide with those registered in the SideraWeb portal: also it will be impossible to synchronise the two systems and monitor the system from remote.
It is important to remember that the SideraWeb service - remote domotics system control - is provided to those who have an account registered at sidera.domologica.it, created by the installer during the project implementation.

Figure 18. SideraHome is designed to use the domotics system from inside the house, SideraWeb from outside house

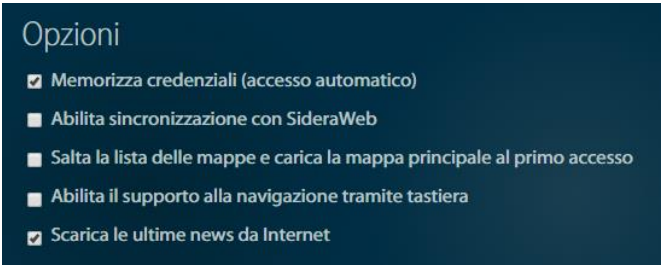


Figure 19. User profile options in SideraHome

The *Options* section lists some choices related to SideraHome behaviour:

- **Save credentials**: this lets you login to SideraHome without having to enter a username and password each time (see previous paragraph)
- **Enable SideraWeb**: this enables remote system control (see previous paragraph and SideraWeb chapter)
- **Skip maps**: upon first access, it lets you directly open the main map bypassing the map list. It is useful if you have multiple maps, but usually you always use the same one
- **Keyboard navigation**: it provides support for SideraHome use exclusively through the keyboard. Dedicated to facilitate the use of SideraHome by disabled persons or without a pointing device. A few pertinent notes:
  - It is **case sensitive**, meaning there is a distinction between upper and lower case letters
  - The selected object is highlighted by a red border
  - In order to select an item without adjacent letters press the Tab key until you reach
  - Use the Escape key to deselect the object and rehabilitate the use of keys
  - Keyboard navigation is not available in mobile version
- **Download news**: if enabled, will display any warnings by Master directly in SideraHome

Still in the *User profile* page, other general options are available:

- **Order items**: when, in the *Single map* and *Categories* pages, the controllable devices are listed in a list, they can be ordered according to three criteria:
  - **Name**: purely alphabetical order, from A to Z.
  - **Type**: items are grouped by their type, so for example first all the lights, then the shutters, then the sprinklers, etc., while elements of the same type are listed in alphabetical order
  - **On**: devices considered "on" are shown at the top, so you do not have to scroll through the entire list to find them

- **Default version**: indicates the preferred interface mode whenever you log on to SideraHome. Note that if you change the version using the buttons in the top menu, the choice made will be temporary; the next time you logon to SideraHome, the interface will return to the preference shown in this option. See paragraph *Versions (desktop / mobile)* for more information on the interface mode

- **Colour**: Sets the background colour for the entire application. Each coloured box, when clicked, provides a preview display with the chosen colour. However, please note that you must click the Save Settings button to apply the changes

In the *Language* section at the end of this page, you can set the language currently used by SideraHome, selecting between English, Italian and Spanish.

Semantic commands

A text bar at the top of each page bar is dedicated to execute commands with the use of phrases in natural language. For example enter *"Turn on the light in the kitchen*" to send the "On" command to the item in the design called 'kitchen light' (if applicable).

Figure 20. Text bar to for semantic/voice commands

You can enter words in the bar from the keyboard, or if you have a smartphone/tablet with voice support (i.e. Siri for iOS), you can speak the voice command by pressing the button with this microphone icon normally found on the keyboard. After speaking, you need not press any confirmation button, just wait for the command to be run.

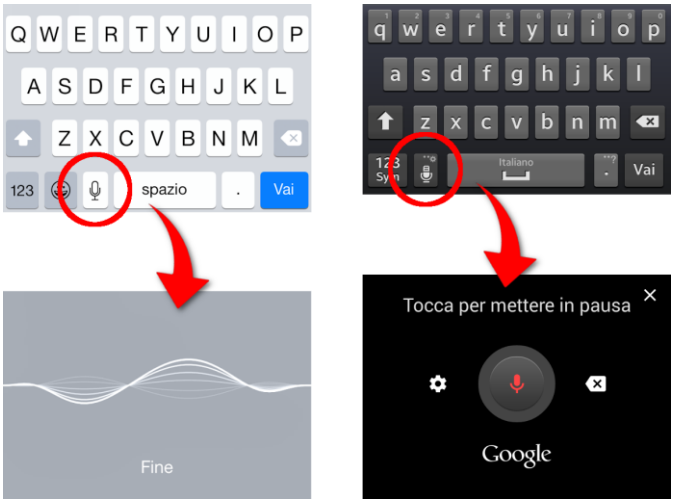


Figure 21. Use of speech synthesis in both iOs systems (left) and Android (right)

If the command is successful, box will appear after a few seconds with the list of actions performed, which may involve one or more elements (for example, "*Turn all thermostats Off*").

Figure 22. Feedback of the actions run by an example semantic command

If nothing appears, it means that the command was not understood, that the equipment is already in the desired state, or that no device was identified by the command. Keep in mind, in fact, that the semantic commands seek to identify the desired device in accordance with its name, its type and its location in the maps.

For some examples of phrases that apply to your domotics system and all available commands click "*Others…*" under the text bar.

Note: *speech synthesis is available only if provided by the smartphone / tablet in use, and usually requires an internet connection on the device.*

Note: *Master Electrical Division cannot be held liable for improper or non-conventional use of this feature.*

ITEM TYPES

Below are some peculiarities of the most articulate devices that are controlled by an UNA domotics system. The notes are valid both for internal use with SideraHome and for external use with SideraWeb, since visually equivalent.

Temperature sensor

Temperature sensors, or thermostats, are devices set to read and adjust room temperature, in combination with a heating / cooling system which is also controlled by the domotics system.

Once the thermostat icon is selected (in the form of a calibrated thermometer), you can view the room temperature (in degrees Celsius), the current mode and the season. Just below, a grey or green icon indicates whether the area - the unit associated to the thermostat that actually warms or cools - is on or off respectively.

The actions that can be run on the temperature sensor are provided below.

Figure 23. Full view of the state and the command of a temperature sensor in SideraHome

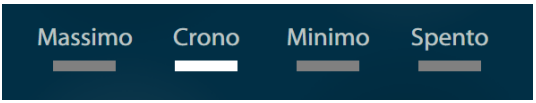


Figure 24. Possible temperature sensor modes

- **Mode**: it corresponds to the vertical LED on the physical thermostat and can be *Maximum*, *Timer*, *Minimum*, *Off*:
  - *Off*: the sensor will keep their assigned zones off.
  - *Maximum* and *Minimum:* they correspond to two fixed temperatures. If *Maximum* is on, the sensor will activate the heating / cooling zone (depending on the season) until the *Maximum temperature* is reached, then turn off the area until needed again. Similarly, *Minimum* mode reaches the *Minimum temperature* with the same behaviour.
  - *Timer*: this mode works in the same way as *Maximum* and *Minimum*, only that the target temperature, instead of being constant, can vary based on the time and day of the week. The adjustment is made by means of a graph or a table accessible in action *Thermostat timer* described later.

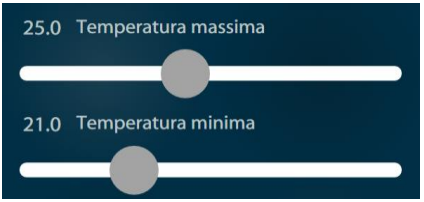


Figure 25. Possible temperature sensor modes

- **Maximum / minimum temperature**: these two temperatures work in collaboration with the mode (see above). If *Maximum* mode is on, the target temperature is the maximum, if *Minimum* mode is on, the target temperature is the minimum. So, both cannot be considered as the extremes of a range in which to stay, but in every moment in maximum one the two temperatures is the one the sensor will use as the end point.

To change the values of the two temperatures, simply move the ball on the left or right selector, or enter the temperature in the space next to the switch, and press *Enter*. Changing any temperature requires confirmation via pop-up warning.

- **Thermostat timer**: as mentioned in the previous paragraphs, this command works in association with the *Timer* mode and lets you to set a curve of varying temperatures depending on the time (0-23) and day of the week (Monday-Sunday). You can for instance raise the desired temperature during meal times, or turn off heating at night.
  Clicking on the thermostat button expands a window with a graph or, in alternative, a table. The use of the first or second is indifferent, and you can switch from one to the other and vice versa with Change this view button just below it.

  - The graph provides a view of the hourly temperature curve for a specific day, and can be modified by dragging the visible dots up / down. The x-axis shows various times of the day (00:00 to 23:00, you need to scroll the graph horizontally to see the rest).
    Therefore, the valid target temperature, for example, from midnight to 0:59 included is determined by the first ball, after which the second ball on the curve will be applied at 01:00 and so on.
    Two bands in the lower part of the graph are also included, one marked *Off* (To turn off the thermostat at that time, identified by the colour grey) and marked *Defrost* (Blue band for antifreeze adjustment, described later in action *Parameters*).

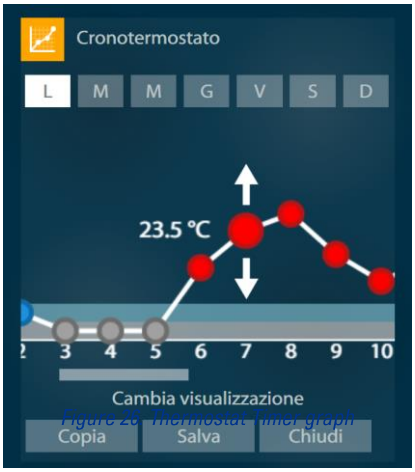


Figure 20 Thermostat timer graph

Pressing and holding a ball for a couple of seconds, it and the subsequent dots are highlighted in yellow and can be moved simultaneously for easier adjustment.
Also remember that programming is only valid for the currently selected day (choice of MTWTFSS): see the next section for copying from one day to another.

- The table however is an alternate view if the graph is not easy or supported by your device.
  It consists of twenty-four drop-down selection, each for each hour of the day, in which you can directly choose the value to be set by multiple choice. Similarly to the graph, it has also the *Off* and *Defrost* values and it too is only valid for the selected day.

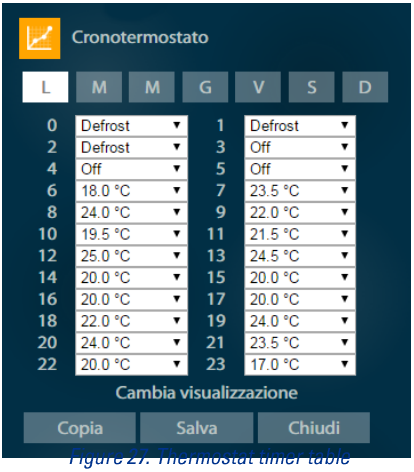


Figure 27: Thermostat timer table

> ***Note:*** *the table does not support editing multiple values.*

To mimic the curve in the selected day on other days, press the Copy button, select the days when you want to copy the trend and save.
After any change to the *Thermostat timer*, press the Save button to confirm the changes. When saved, the thermostat timer window closes automatically after a while.

- **Change season**: lets you change operating mode from *Summer* to *Winter* and vice versa. The change is not automatic, but is usually carried out twice a year.

During the winter, the thermostat will only prompt heating the area as long as the room temperature is lower to the target temperature. Once this is exceeded, the area will remain off until the temperature gradually returns below the set threshold, plus a certain margin of tolerance called *hysteresis* and set by the installer in the design stage. During the summer, the behaviour is exactly the opposite, thus the thermostat will activate the possible cooling systems as long as the room temperature is higher than that desired.

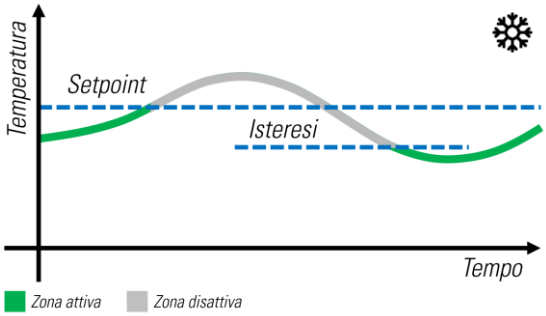


Figure 28. Behaviour of the heating zone based on the winter temperature trend

- **Parameters**: this action is only available if the installer has made it possible in the design phase, and lets you make low-level adjustments to the temperature sensor. It includes the following items:
  - **Reactivity**: it indicates how fast the thermostat adjusts to changes in temperature. This is because for example, if the thermostat is located near the front door, a low reactivity avoids, every time you enter / exit, immediately turning on the heater just because a gust of cold wind enters from outside.
  - **Calibration**: a kind of calibration. Acting on calibration can add or subtract a few degrees to the sensor reading, in order to align it with any classic mercury thermometers.
  - **Antifreeze**: it is the minimum temperature, between 0 and 14 ° C, below which heating usually turns on to avoid the formation of ice

on water pipes in the winter, and is exclusively turned on with the *Thermostat timer* (blue dots marked *Defrost*).

Humidity sensor

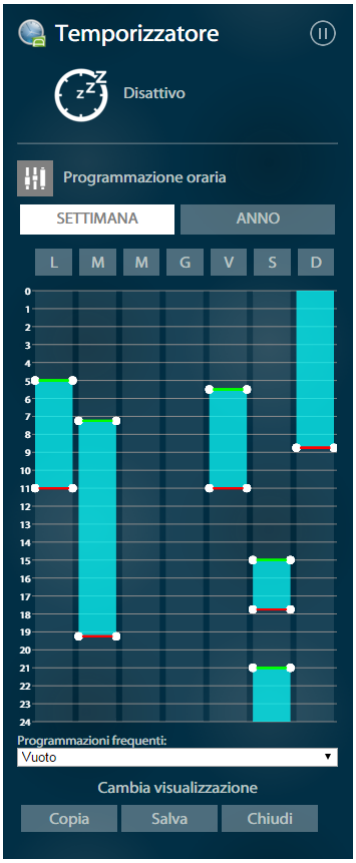
The humidity sensor behaves in the same manner as the temperature sensor on the functional level. It shows the same information and has the same actions, except that instead of referring to a temperature, it measures the moisture level. Therefore, instead of:

- ° C, % will be found as the unit of measure
- *Maximum/minimum temperature* will become *Maximum/minimum humidity*
- *Summer/Winter* will become *Dehumidification/Humidification*

For the rest we invite you to read, based on these notes, the *Temperature sensor* section to learn more about how this sensor works.

Timer

The timer is a tool that allows you to define the time slots in which one or more events must take place. Its classic purpose, for example, is to turn on the outside lights from dusk to dawn, or recall a *Close all* scenario at a certain time in the evening.



The timer is identified in the maps by an icon in the form of clock, and when clicked shows their status, which can be *On* if the date and the current time are within the time band, or *Off* otherwise.

Use *Time programming* to add, adjust, and remove its operating time bands. However, you can not change the events triggered by the timer, because it is a design type choice made by the installer.

Programming is completed through a bar graph (like the one in Figure 29) or by an alternative list. The use of the first or second is indifferent, and you can switch from one to the other and vice versa with the Change this view button just below it.

Figure 29. Full status view and timer commands in SideraHome

Both interfaces share two types of programming: Week and year. This is because besides being able to instruct the timer to run only at certain times of the week, you may restrict its operation even to certain times of year.

***Note:** a timer with no monthly time band is marked 'Not running'.*

- The graph provides a column view where several blue blocks indicated the timer activation periods. Each block is delimited by an initial green end and a final red end, while the columns correspond to:

- the seven days from Monday to Sunday, in case you selected the Week button above the graph. Each column is divided horizontally into 24 parts (hours of the day).
- the twelve months from January to December in the case of Year. Each column is divided into up to 31 parts (days of the month).

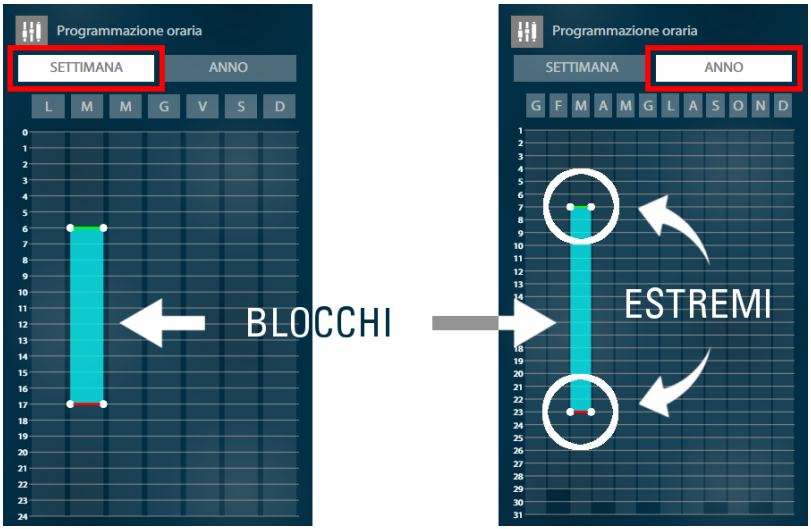
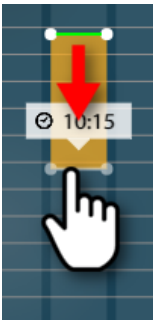
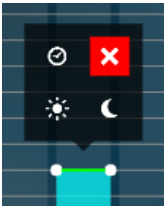


Figure 30. A timer can be programmed by week or by year



To create a new block, just position the mouse or your finger on the start point, and drag it to the destination point (if the setting is not initially accurate, you can always improve it later). A block does not have to reside in a single column, but can spill over into adjacent ones, and may even start from the first column if the end point chronologically precedes the initial one.

To change an existing block, instead, just drag the green or red end ton the desired position, accompanied by a label that will highlight the corresponding time/day.



To remove a block, you must delete both green and red ends that surround it. To delete an end, click on it: you will see a box with four buttons, the one with the x icon serves this purpose.

The timer can also act according to varying hours of sunrise and sunset, for which the calculation is done automatically according to the day and the current location. To set a time band dependent on sunrise or sunset, click on either end of an existing blue block, and in the box with four buttons that appears:

- the **Sun** shaped button sets the end to dawn, and if you then drag the end up or down, it will display the *+/- AA: BB* label which indicates AA hours and BB minutes before or after dawn
- The **moon** shaped button is similar to the previous point, which only refers to sunset
- The **clock** shaped button resets the end to a set time instead depending on sunrise or sunset.

Note: *since sunrise and sunset times are variable, the ends are tentatively placed at 07:00 and 19:00 respectively , although in fact they change depending on the day. Be careful when you mix a fixed schedule with varying hours.*

- The listing provides an alternative solution to the graph when this is not very easy or not supported by your device. It consists of a series of rows, or *steps*, each of which may turn the timer on or off. Each step therefore corresponds to a green or red end in the graph above.

To create a new row, click on the Add step button. From here, a box lets you manually select the various parameters from a drop-down menu, such as the day and time for weekly programming, or a date in the case of annual programming.

Figure 31. Adding steps in the timer list

The sunrise / sunset variable is adjusted similarly to the graph via a lead time or delay *+/- AA: BB*, in this case set by combining the *Hour / minute* field with the *Type* field (before / after sunrise / sunset). So for example if you want to start the timer one hour after sunset, you set the step as in Figure 31).

After adding a line via the Add button, to remove it, simply press on the x button to its right.

In order to speed up timer settings, some *frequent programs* are found at the bottom of each screen like *Nightly*, *Mealtimes*, etc. which let you set the timer according to the most popular and used habits with a single click.

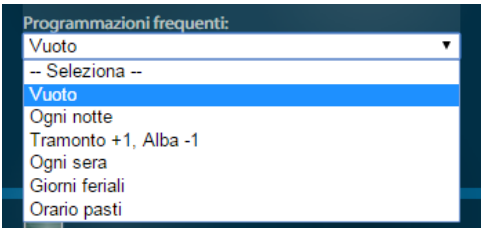


Figure 32. Frequent timer weekly programs

To clone the time bands from one day to other days (or one month to other months) press the Copy button: the labels at the top will be enriched by a red triangle. First, select the source label to be copied and then click on all target labels where the time bands will be replicated.

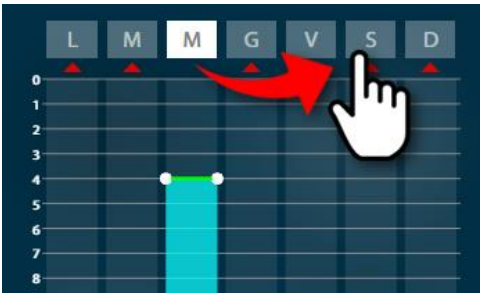


Figure 33. Copy the time bands from one column to another

After any change in the *Time program* press the Save button to confirm the changes. When saved, the timer window will close automatically after a few seconds, and the timer is restarted.

Anti-intrusion

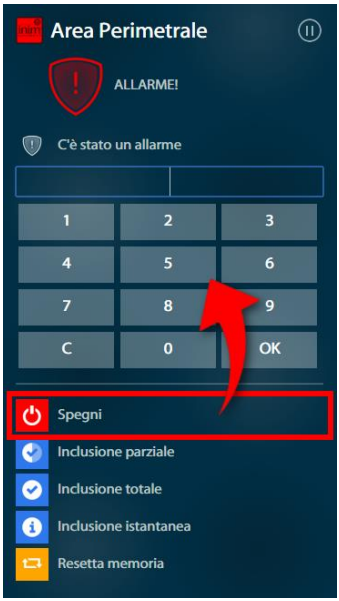
The UNA domotics system lets you supervise and control home security through integration with some burglary systems such as **Inim** series *SmartLiving*, **Sicurit** series *Combimax* and any alarm unit connected to domotics via clean contacts.

A simple interface is provided for Inim and Sicurit to control areas, while a custom solution is offered by the installer for other units, usually having signal icons and some buttons for to turn the burglary alarm on/off. Since that the latter is custom prepared depending on the case and is linked to the system design choices, it can not be covered in this guide: therefore invite you to consult your installer for clarification on its use.

The Inim and Sicurit units are identical from a functional standpoint, and are integrated with the domotics system using the following icons, which represent the various states in which an area can be located:

Figure 34. Possible Inim or Sicurit anti-intrusion states

- **Off**: the area is disarmed, so no zone belonging to the area will generate alarms in case of intrusion
- **On**: surveillance is on in the area, which can be *Partial, Total or Real-time inclusion*:
  - *Total*: all zones belonging to the area can generate alarms
  - *Partial*: all the zones belonging to the area, with the exception of the internal zones, are on and can generate alarms
  - Real-time: all zones in the area, except internal zones, are on and can generate alarms, and the entry time is cancelled
- **Disconnected**: this means that there is no communication with the control panel, which may be turned off or unreachable. Contact the installer immediately to correct the problem
- **Alarm**: a burglary alarm was triggered in the area when on. The icon is bright red and the siren should be in operation. From this point on, the "There was an alarm" message is displayed in the information box to report that an intrusion occurred. To remove the message, use the *Reset memory* action turn the area off and back on.



The current area mode can be set by the *Shut Down* and *Partial/ Total/Real-time inclusion* actions.

All actions are protected by the user code, the same used on the burglary unit keypad. To enter the code just press the numbered keys, then OK, or enter it directly from the keyboard.

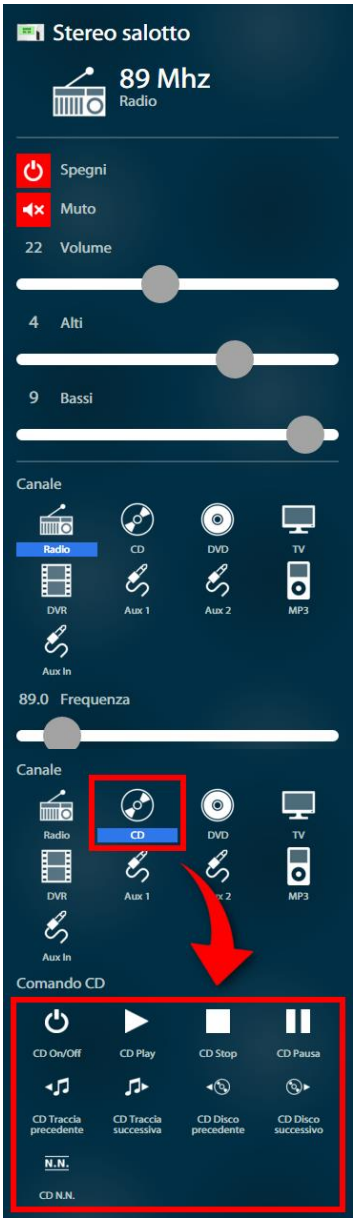
The status of the area will not change if an unauthorized code is entered.

Figure 35. Each security area action is protected by a personal code number

Audio diffusion:

For sound reproduction, the UNA demotics system uses to two third party Italian manufacturers, **Vivaldi** and **Tutondo** that offer experience and high fidelity solutions in audio diffusion field.

Products that integrate in the domotics systems are Vivaldi *Giove* (version with *CA20 unit*, or without *Free*) and Tutondo model *MTx816*. The differences from a functional standpoint reside in the list of audio sources and advanced controls for single source, so some of the details given here may not be present in your audio device.



The audio area control box groups information about its current state and controls to change it.
The actions shared by all models are the classic Power On / Off, Mute / Sound, and levers to adjust the volume, treble and bass.

The buttons in the *Channel* group, on the other hand, differ depending on your audio system, and are used to select the source from which to get the audio to play. The Vivaldi Giove RC20 unit is the one that has the greatest number of sources, the Giove Free version has less but has a USB input, while Tutondo has custom source management, set during programming.

Figure 36. Full view of the Vivaldi Giove RC20 area status and the commands

Some sources, if selected, display additional commands related to them. For example, the *Radio* channel provides a selector to adjust the frequency of the radio station, pause or pick a track with *CD* while the *MP3* channel lets you change the song playing. The Aux channels have no controls because it directly uses the playback device (i.e. Player connected via jack cable).

Figure 37. Example of advanced controls when the CD channel is selected

For further information on using the audio system and control via a physical wall modules, refer to the user manuals supplied by the manufacturers.

SIDERA WEB

SideraWeb is a web service, created by Master Srl Electrical division, which supervises and controls your UNA domotics system from remote. Thanks to it you can, for example, control from outside the house if you forgot to turn off the lights, lower the blinds in case of sudden rain, or turn on the heating system in advance for your re-entry. All conveniences that are available from any location connected to the Internet, such as a smartphone or an office computer.

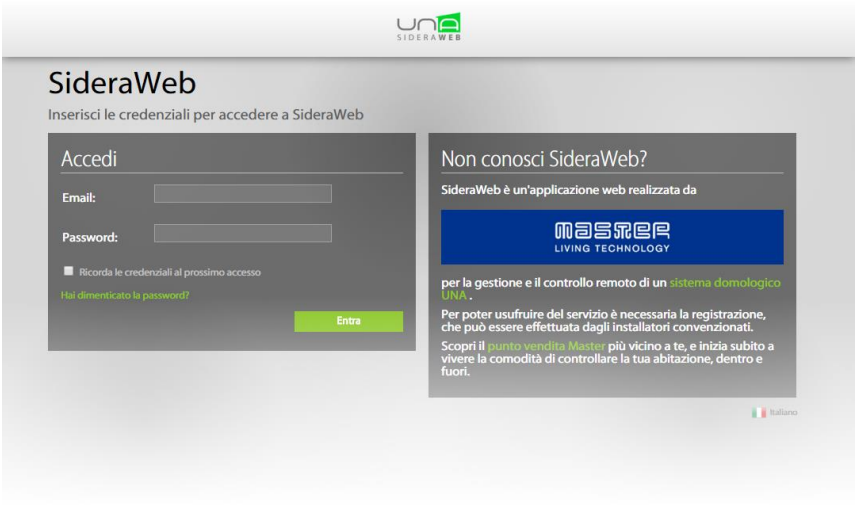


Figure 38. SideraWeb login screen

To access this service you must log on to the site sidera.domologica.it and have a certified account from the service provider. This account is provided by the installer and must be the same used in the SideraHome application , as mentioned in the SideraHome *User profile* section.

How to access it

SideraWeb is accessed via computer or tablet/smartphone (iOS, Android) with an Internet connection and a standard browser (program for browsing on the Internet, such as Chrome, Firefox, Internet Explorer 9+, Safari, etc.)

Note: *the UNAMobile app mentioned at the start guide is not dedicated to the remote control, but currently works only for SideraHome.*

Go to the sidera.domologica.it website and enter credentials (email and password) that you have been given in the *Log in* box and then press Enter.

If you do not want to be prompted for this information at the next login, select the *Remember your credentials the next login* flag. However, it is recommended to pay attention, because if you lose your device, an ill-intentioned person could potentially have access to your domotics system. In that case, you should immediately notify Master Srl Customer Service Electrical division and proceed with the password changes as described in the following paragraph, or SideraWeb *User profile* section.

Password reset

If you forget your password, it can be changed by a simple reset process, accessible under item *Did you forget your password?* in the initial login screen.

Following the on screen instructions, an email will be sent to the address from which you can reset the password, which must be already registered on SideraWeb.

This email will contain a temporary connection that, when visited, will lead to a page to change the current password. The old password can not be recovered in any way, but can only be changed with a new one.

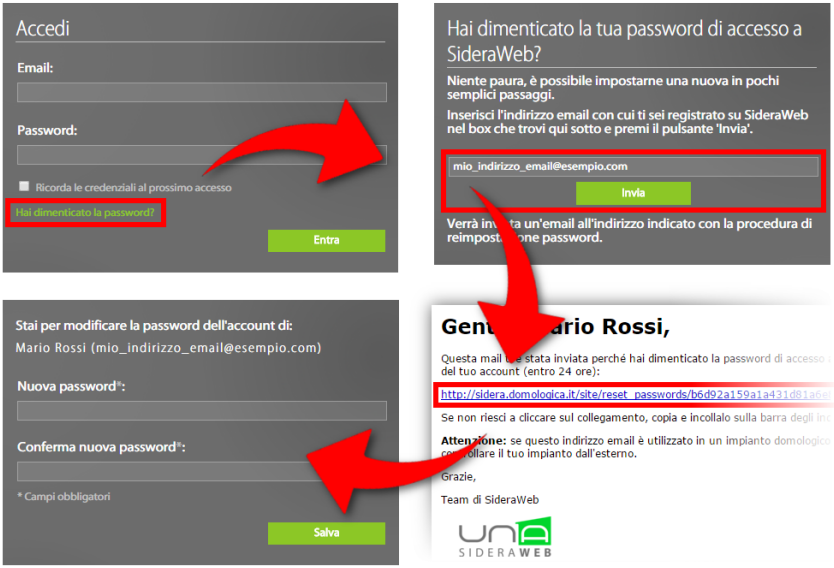


Figure 39. Resetting a forgotten password procedure

Note: *if you do not receive the e-mail, make sure it is not automatically sent to spam. If not, try again or contact Customer Service.*

Note: *if the e-mail address is used in a domotics system for remote control, you must update the same password in SideraHome in the User Profile section (see homonym paragraph).*

SideraWeb menu

SideraWeb is divided into several pages that facilitate the administration of your domotics system, listed in the white menu at the top and on the

home page accessible by clicking on the UNA logo. The various sections in the order they appear in this menu are described below.

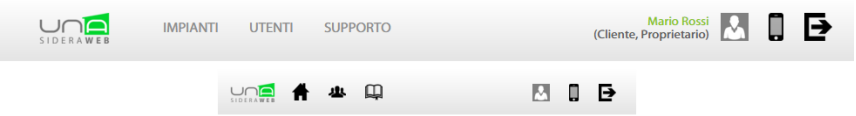


Figure 40. SideraWeb navigation menu, in desktop version (above) and mobile (below)

Home

The Home page is the home page. It groups the links to the most important SideraWeb pages. A line below highlights the last news published, in order to stay up to date on the UNA domotics world.

Systems

The *systems* page lists all your dwellings where an UNA domotics system is installed. Normally, this page is automatically skipped on first access if you own a single system, in order to speed up browsing.

Each line corresponds to a system (see Figure 41), which displays information such as the name, the installer and the owner. In the same line, the Monitor and Manage buttons are used respectively to control the system remotely and run some operations for home owners, topics which are described in the following paragraphs.

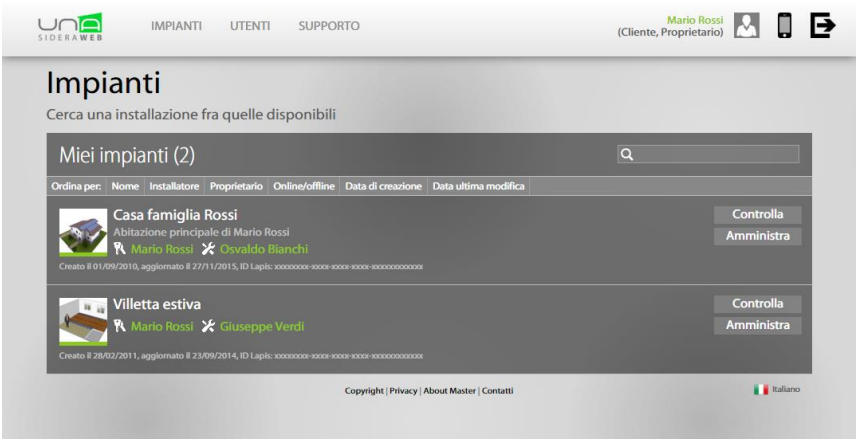


Figure 41. Page with the list of user-controllable UNA domotics systems

Control

This page is the one most frequently used, since used to actually control your UNA domotics system from remote. You can open this section by clicking on a line in the *Systems* page or automatically after logging in to SideraWeb if you own a single domotics system.

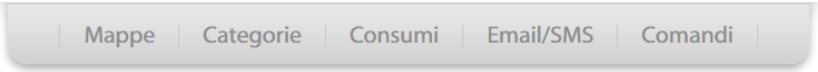


Figure 42. Sub menu with the system control pages

A navigation sub-menu appears under the main menu with some items that are identical to those found in SideraHome (*Maps, Categories, Consumption*). Therefore, for further information about the shared pages, please refer to the respective sections of SideraHome already described in this guide, while the remaining will be described later.

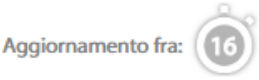
Different features between SideraHome and SideraWeb:

- Remote actions on home appliances are not immediate as in SideraHome, but require a time interval not greater than one minute to be run in the local system. Therefore, if a light is turned on, for example, the light icon will appear after a few dozen seconds.

Figure 43. The actions sent from SideraWeb take a few seconds before being run

- The countdown timer continuously found in the upper right of the page indicates how many seconds pass before screen is refreshed, and is correlated to the time mentioned above.

- If the following alert appears during navigation:



it means that the system is not accessible from outside the home, since there has been a service interruption. The main causes could be due to the system Internet connection being down, a sudden blackout, incorrect configuration by the installer or a temporary automatic restart of the home automation system.

We recommend you wait several minutes and try again. If this warning persists after several hours, please contact your installer and then Master Srl Customer Service Electrical division.

- Semantic/voice commands are not available in SideraWeb.

Email/SMS

Figure 44. list of messages sent from SideraHome through SideraWeb

This page lists the messages (e-mail or SMS) the domotics system requires be sent through the SideraWeb portal.

For example, you can program the system to send an e-mail that says "Intruder!" to a specific address when the burglar alarm system triggers, or to know whether the overall system consumption exceeded the meter threshold.

These messages are only present if implemented in the domotics system by the installer. Should they be required, contact the installer to implement this function.

Commands

The command page has a log of the most recent actions run from remote on home appliances.

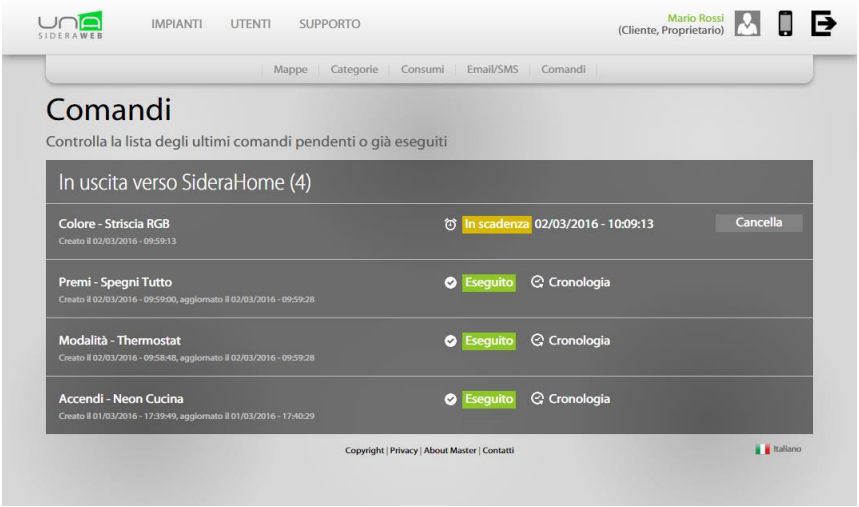


Figure 45. List of the last commands sent from SideraWeb to SideraHome

If you turn on a light from SideraWeb, for example, the command is queued to be run in the real system, and the word Expiring remains in the list until it is completed. When confirmation is received from SideraHome that the command was locally completed successfully, the display will change to Run, and you should see the light icon lit in *Maps* or in *Categories*.

In addition, using the Chronology button to open a page that lists the controlled device's recent log, with advanced status information in recent days.

✲ Manage

As already mentioned in the *System* section, press the Manage button on any row of the page to run several operations dedicated to the sole system owners. Users with access to the same system but with different profiles (i.e. Installer, tenant) cannot access this section.

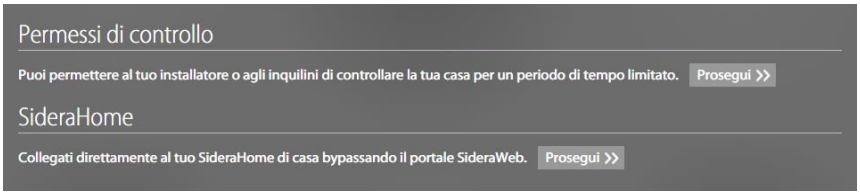


Figure 46. Home owner administration page

The operations available on this page are as follows:

- **Control permissions**: through this tool, you can temporarily grant access to the control area to third parties, such as the installer (in order to diagnose any faults) and any tenants. *Tenants* are users distinct from the home owner, but they can also control one or more systems with your explicit authorization. It may be useful, for example, to distinguish the accounts of the members of a family.
  To enable a tenant, the profile must first be created, an operation that the owner can make in complete autonomy in the *users* section. Then, via the Enable this User button on this page, you can set a time interval during which the selected user is given permission to control the system.

Figure 47. Control permission

- **SideraHome**: the guide described in this page provides access to SideraHome from outside the house directly, bypassing the free SideraWeb service. Since the procedure has a certain degree of

difficulty, and it is not necessary to use the service, we recommend it only be used by expert network configuration users and in case of real need.

Users

The *Users* section groups the profiles of people who are related to the current user for some reason: for example, if you are home owners, this page will list the domotics system installer, and any tenants (which you yourself have created) to give them permission to control the system remotely.

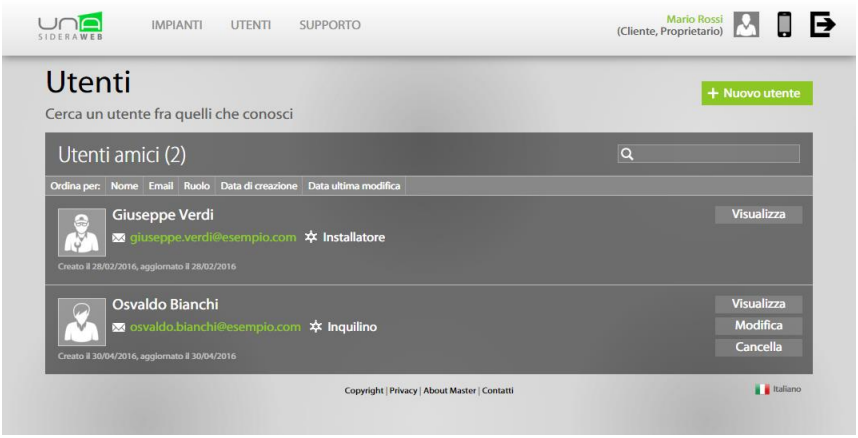


Figure 48. User list related to the current user

Each line corresponds to a user, and the View button can be used to view the complete profile with your contact information (if provided by the profile creator). Furthermore, if the permissions allow, there are also two buttons, Edit and Delete, with which you can edit such information and delete the user profile respectively.
To create a new user tenant, click on the New User button present at the top of the page. It will be followed by a form to fill out with his/her personal information, of which name, last name, email and password are

mandatory. The password may changed by the tenant in the future if desired (as well as other data).

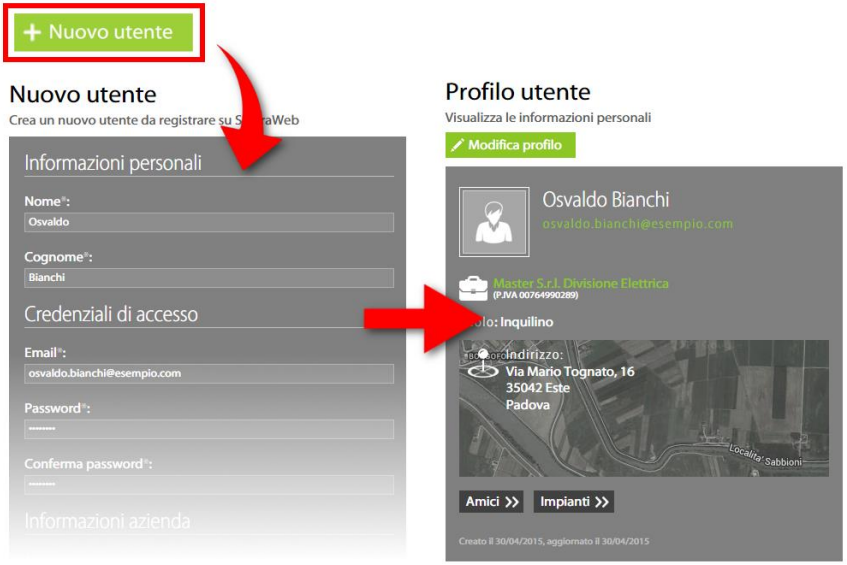


Figure 49. How to Create a new tenant user

> ***Note:*** *the e-mail address must be valid and personal, and completed registration message will be sent to it.*

Other options to be set are the role (flag *Tenant*), a recognition image (it can also be charged from a PC) and acceptance of the Service Terms.

Subsequently, we recommend authorising the newly created user to control a domotics system. For further information, see *Control permissions* in paragraph *Manage*.

🕮 Support

This section provides you with the support you need to learn more about an UNA domotics system ans solve any problems.

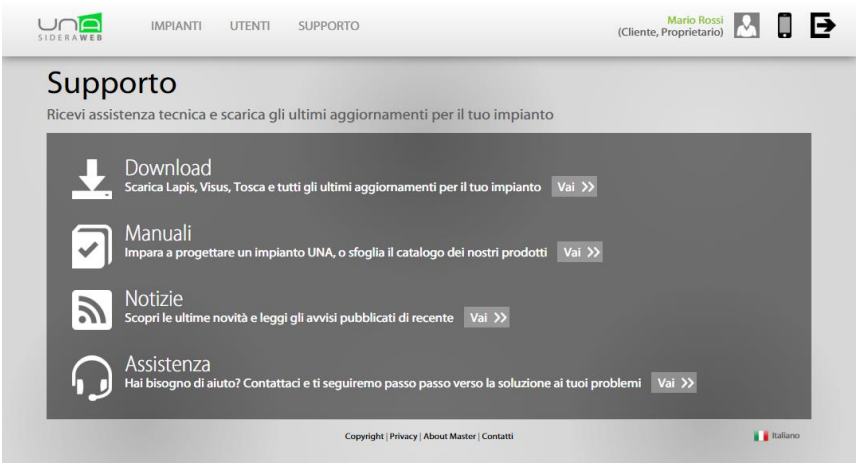


Figure 50. Customer support page

The available items are as follows:

- **Download**: this page groups downloadable programs and upgrades to handle the domotics system
- **Manuals**: here you can refer to the instruction manual if you have questions or you want to fully understand how to operate your system
- **News**: If there are service communications or updates from Master, they will be published on this page
- **Service**: this groups fast procedures and contact details for support in case of need.

Kindly we invite you to contact your installer for any information or to report any faults to your domotics system.

🕭 User profile

A user profile, or *account*, is the set of basic personal information of a person, which allow for identification and navigation in SideraWeb. You must have an account to manage your domotics system from outside the home, because SideraWeb must know you to authorise your control.

If you are home owners, your account has already been created by the installer in the design stage. If not, you can always make a request at a later time.
If you are tenants of the home owner, you should speak to the latter to create an account for system remote control.

Once you logon to the SideraWeb portal with your **e-mail** and **password** (See paragraph *how to access it*), your user profile is accessible at any time from the link in the upper right corner of the page.

Figure 51. Link to get your user profile

Clicking on it will show a page with personal profile information, as a kind of business card. This screen will contain more or less data according to those provided at registration.

Figure 52. User profile summary personal information

If you want to complete the missing information, or edit them (for example, change their profile picture or password), just click the Edit Profile button.

Figure 53. Edit User Profile

The following page contains a form with the data currently known by SideraWeb, divided into the following groups:

- **Personal information** (mandatory): user's name and last name
- **Login credentials** (mandatory): The email address and password with which you log on to SideraWeb. In case you want to change, and you own one or more domotics systems controlled from outside the home, update the same credentials in the SideraHome *User profile* page (See relevant paragraph of this guide), or risk losing the remote service
- **Company information**: Although not mandatory, we recommend you fill in the required data to facilitate any assistance by the Master Customer Service
- **Roles**: the types of permissions that the user can use
- **Icon**: It is the image of the profile, it can be selected from those available or loaded via the appropriate button.

When finished editing, press the Save button to confirm.

Version (desktop/mobile)

The SideraWeb interface adapts to the screen size according to the same rules adopted by SideraHome therefore refer the same section in SideraHome for more details about its customization.

Exit

When you finish using the SideraWeb service, we recommend you *logout*, i.e.: exit the site. This form of protection prevents, if third parties have access to your device while you leave it unattended, your domotics system from being operated without your consent.

Once you exit, you will be redirected to the login page (or *login*) where you can eventually re-enter your credentials to re-open SideraWeb.

Note: *logout of course cancels the 'Remember your credentials at the next logon', to ensure the greatest possible security for your system.*

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www.domologica.com

Master S.r.l. Divisione Elettrica
Via Mario Tognato 16, 35042 Este [Pd] Italia
T +39 0429 602 777 – F +39 0429 601 247
P. IVA IT 00764990289
master@master.it – www.master.it

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