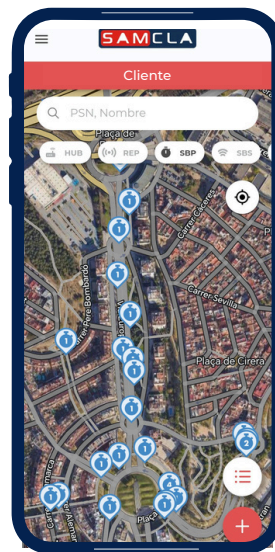




Infinite[®]

APP



USER MANUAL

V2503

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1 DOWNLOAD

Go to "[Play Store](#)" or "[Apple Store](#)", and enter **SAMCLA INFINITE** to download the app.

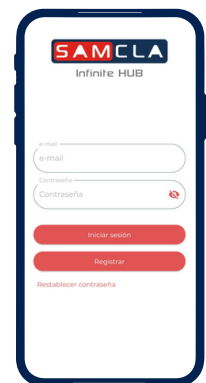


2 LOGIN

Please enter your email address (as your username) and the corresponding password.

This information was previously entered into the management software during the new user registration process. If you haven't created your customer account yet, you can do so from the main page by selecting the "Register" option.

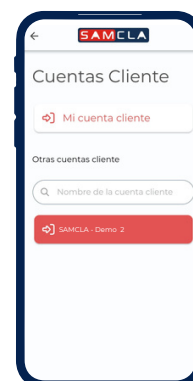
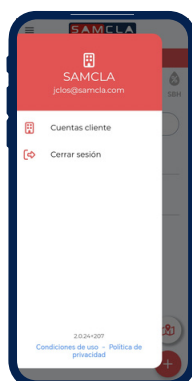
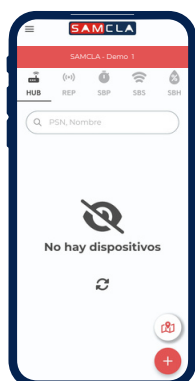
If you've forgotten your password, you can reset it by using the "Reset Password" option. You'll be asked to enter an email address, and you will receive a message with instructions to set a new password.



3 CUSTOMER ACCOUNT SELECTION

If your user account has access to multiple client accounts, you can select the one you wish from the menu in the top-left corner.

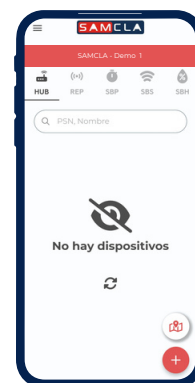
Alternatively, you can quickly select a client by typing their name into the search bar located at the top of the screen.



4 DEVICE GROUPPING

All devices in the SAMCLA Infinite telemanagement system are displayed in the app, grouped in tabs:

- **HUB:** hubs.
- **REP:** relays.
- **SBP:** 9V / 24V controllers (with and without water meter input connection).
- **SBS:** general-purpose sensors (for rain, wind, temperature, and other probes management).
- **SBH:** humidity probe reader.
- **SBT:** temperature probe reader.
- **SBR:** tipping bucket rainfall reader.
- **SBA:** 4-20 mA sensor reader.
- **TAG:** for maintenance activities monitoring.

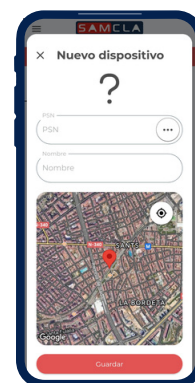


5 DEVICE REGISTRATION

To register a new device, regardless of its type (HUB, REP, SBP, etc.), click on the icon at the bottom right of each tab .

The steps to follow will always be the same:



1. Enter the PSN (Product Serial Number) of the device. This 18-digit code can be easily obtained via Bluetooth by selecting the icon that appears in the “PSN section” .

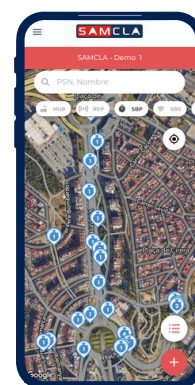
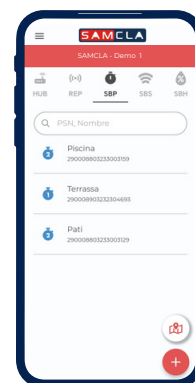


DEVICE REGISTRATION

2. Enter the name of the device you have selected.
3. Indicate its location on the Google map displayed.
4. Click on the « Save » button.

Once the device is registered, it will appear in the device list under the corresponding tab.

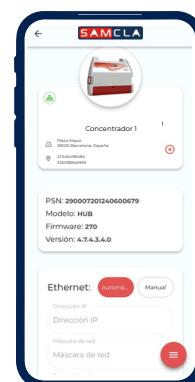
In addition to the list format , you can also view the devices in map view , but always grouped within each tab.



6

HUB SETTINGS (HUB)

Once you have registered a new Hub (HUB), you must select the 'Menu' icon  to connect to the device via Bluetooth. During the registration process, the device is not yet on the network and cannot communicate remotely via Internet.



HUB SETTINGS

Next, you can set up the Internet access mode:

- **Via Ethernet :**
 - Automatic: when a 4G router is provided by Samcla. No special action required.
 - Manual: When accessing the Internet via fiber optic (or RJ45), fill in the required fields.
- **Via WiFi**: You need to enter the SSID code and password. Fill in the required fields.



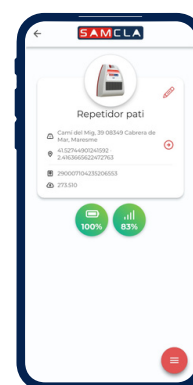
Finally, select the 'Time Zone' from the list already defined in the system and click 'Activate' to complete.

7

RELAY SETTINGS (REP)

On the main screen, several icons are displayed, allowing you to perform the following functions by clicking on them:

- View and update the device's battery level.
- View and update the device's RF (radio frequency) level.



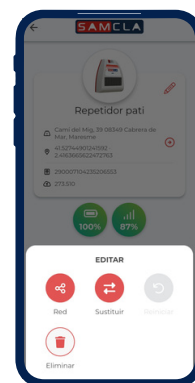
RELAY SETTINGS (REP)

DEVICE EDITING

Refer to section 9: IRRIGATION CONTROLLERS MANAGEMENT (SBP) - DEVICE EDITING.

BASIC FUNCTIONS

Refer to section 9: IRRIGATION CONTROLLERS MANAGEMENT (SBP) - BASIC FUNCTIONS, excluding the 'Manual Irrigation' and 'Operating Mode Setting' functions, which are exclusive to the controllers (SBP).




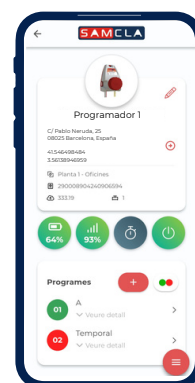
8 IRRIGATION PROGRAM SETTINGS

Once you have selected the controller you wish to manage (in the SBP tab), the main screen will display a summary of the 99 programs you can create.

To add a new program, select the icon  :

The required information will be:

- **Program type**  :
 - Resident (green circle): activated in the controller and registered on the server.
 - Non-resident (red circle): deactivated in the controller and not registered on the server.
- **Program name:** define the chosen name.



IRRIGATION PROGRAM SETTINGS

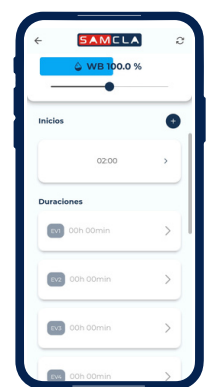
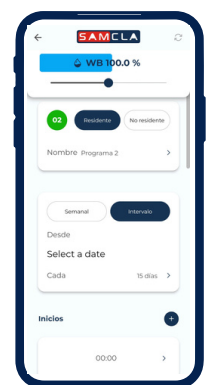
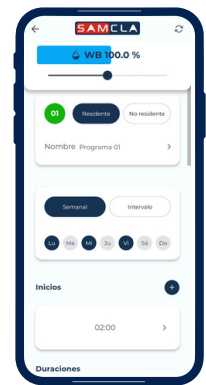
- **WB (Water Budget)** : irrigation time application percentage. It can range from 0% to 200%. The program duration is set to 100% of the time defined for each station or solenoid valve. To increase or decrease it, simply drag the percentage to your desired value.

- **Frequency:**
 - Weekly: allows you to select the days of the week on which the irrigation program will be applied.

 - Interval: allows you to select a single day of the week, the start day for irrigation, applying the irrigation frequency up to a maximum of every 60 days.



- **Start times:** You can define up to 6 different start times for each program. To delete a configured start time, swipe right and click on the icon 🗑️.


- **Duration:** irrigation time for each solenoid valve (SV).
 - If the Water Budget (WB) has been modified, the time will be increased or decreased according to the configured percentage (%), and this will also be displayed. (For example, if a WB of 50% is set, with an initial duration of 5 minutes, the actual time displayed will be 2'30"). The same applies for each SV.




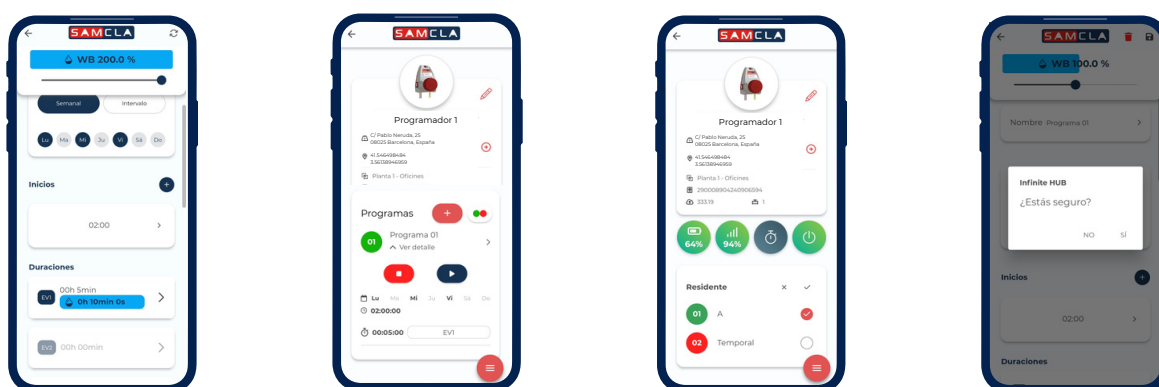
IRRIGATION PROGRAM SETTINGS

Immediate irrigation: Once the irrigation program is set up, you can execute an « immediate irrigation » for the duration you have defined.

- To execute this immediate irrigation, you need to access the « Show details » of the specific irrigation program and click on the icon .
- To stop the irrigation immediately, you need to click on the icon .

To change the program status (Resident / Non-resident), you need to click on the icon and select the programs that will be 'Resident' (green) and deselect the programs that will be 'Non-resident' (red). To save this action, you must select the validation symbol .

To delete an irrigation program, the program must first be in the Non-resident state. Once the program is in this state, you need to click on the « > » symbol to edit it and select the icon (top right) .

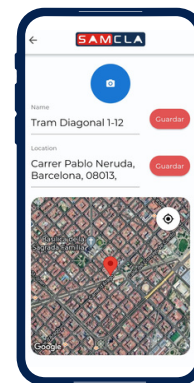


9 CONTROLLERS MANAGEMENT (SBP)

DEVICE EDITING







For all Infinite system devices, with the 'Edit' option shown on the main screen , you can carry out the following actions:

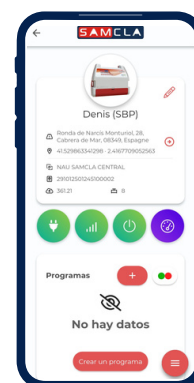
- Change the device name.
- Update the device geolocation.
- Add a photo of the installed device.



BASIC FUNCTIONS



The icons on the main screen allow the following functions:

-  For battery-powered devices, display and update the battery level.
-  For mains-powered devices, the value is 99%.
-  Display and update the RF (radio frequency) level of the device.
-  Display the type of programs configured: standard, cyclical, on demand...
-  Modify the device status: on / off / paused.
-  Display the water meter reading (only in controllers models with a water meter input).




CONTROLLERS MANAGEMENT (SBP)

In addition to editing irrigation programs, you can also access the following basic functions, available in the bottom-right menu  :

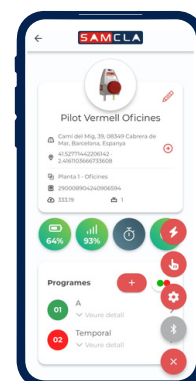
-  **Test Flash LED:** Turn on the red LED on the front of the device for quick and easy identification.
-  **Manual irrigation:** run an immediate irrigation test with as many cycles as stations available on the controller. A maximum of four solenoid valves (SV) can be activated simultaneously.

 **Settings:**

-  **Network:** Select the device from which communication will be received (usually a relay or directly the hub).

 **Setup:**

- Operating mode: Select the different modes in which a controller device can operate (usually “Standard”, “Cyclic” or “On demand”).
- Sector: Select the sector to which the device belongs. This sector must have been created previously using the management software.



CONTROLLERS MANAGEMENT (SBP)

- ↺ **Replace:** change the device's PSN code. This allows you to replace a device in a specific location without deleting it, preserving all its information.

- 🗑️ **Delete:** remove the device from the system. When a device is deleted from the application, it will also be removed from the server, resulting in the complete loss of the device's information, with no way to recover it.



- 📶 **Bluetooth Mode:** establish a connection with the device via Bluetooth. Once the connection is active, the function icons will turn blue.

10 SENSORS MANAGEMENT (SBS / SBH / SBT / SBR / SBA)

The SAMCLA Infinite system allows you to manage the following devices:

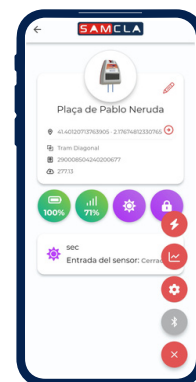
- **SBS:** general purpose sensor reader (rain, wind, temperature, etc.).
- **SBH:** humidity sensor reader (probe included).
- **SBT:** temperature sensor reader (probe included).
- **SBR:** tipping bucket rainfall sensor reader.
- **SBA:** 4-20 mA sensor reader.

SENSORS MANAGEMENT (SBS / SBH / SBT / SBR / SBA)

IMMEDIATE FUNCTIONS

On the main screen, several icons are displayed, allowing you to execute the following functions:

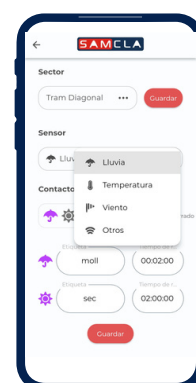
- Display and update the battery level.
- Display and update the RF (radio frequency) level of the device.
- Display and update the status of the sensor input: closed / open.
- Display the status of the rain sensor: dry / rain.
- View the maximum and minimum thresholds for stopping the controller outputs, which can be modified in the settings menu .



BASIC FUNCTIONS

In addition to the functions detailed in the SBP models, the sensors offer the following additional functions:

- View the sensor status graphs by month and year.
- In the configuration menu:
 - Select the type of sensor to monitor: rain, wind, temperature, etc.
 - Define the status equivalence (open / closed) for each sensor type. For example, for a rain sensor: rain / dry.
 - Assign a name to each status and set a delay.



11 TAG MANAGEMENT

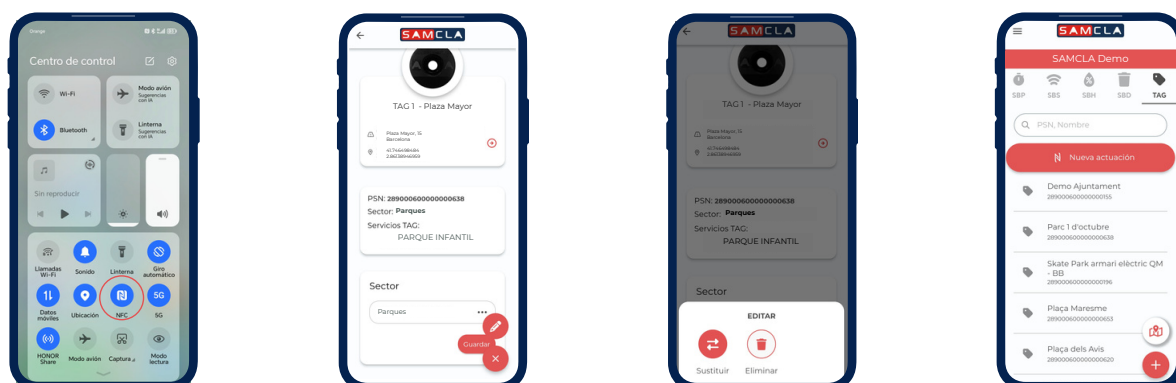
The TAGs must be managed via NFC communication.

In addition to the device registration and viewing functions in list or geolocation format, once the NFC function (N) is activated on your mobile device, you can execute the following actions:

- **Define the sector** to which you want to assign the TAG.
- **Replace or delete** the TAG (in the edit menu).
- **Create a new action:** service modules must first be created through the management software.

Aspetti da considerare:

- If the TAG is associated with multiple modules (configured via the management software), the app will display a list for you to select the module where you want to execute the action. Once the module is selected, you can proceed with the questions for that module.
- For each action, you can attach up to three images.
- After filling out the form, bring your mobile device close to the TAG again and press the button to register the action you just performed.
- From this point on, you will be able to view the recorded actions in the management software.



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