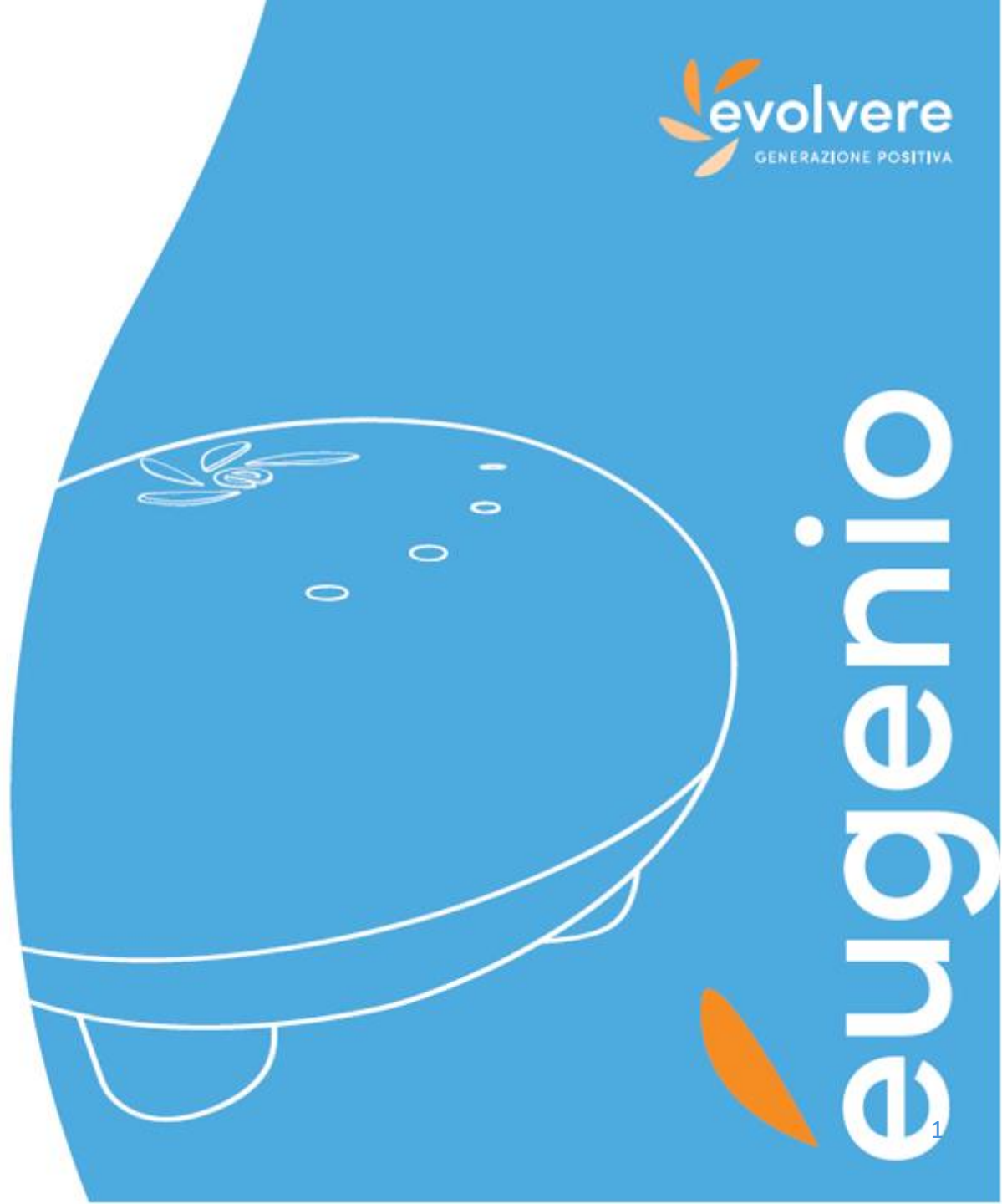


user guide



evolvere

Part 1

INTRODUCTION



Eugenio is the system for all your needs

This User Guide shows you the domotic system developed by Evolvere and It will assists you in every step: the very first configuration of the Gateway, the association of smart devices, the building of automation scenarios and the remote control of your home.

The guide is divided into several sections:

1	introduction
2	instructions and advices
3	configuration
4	your environments
5	your moments
6	appendix



introduzione

EUGENIO AND THE APP

Wireless Connection of Smart Devices and APP Usage

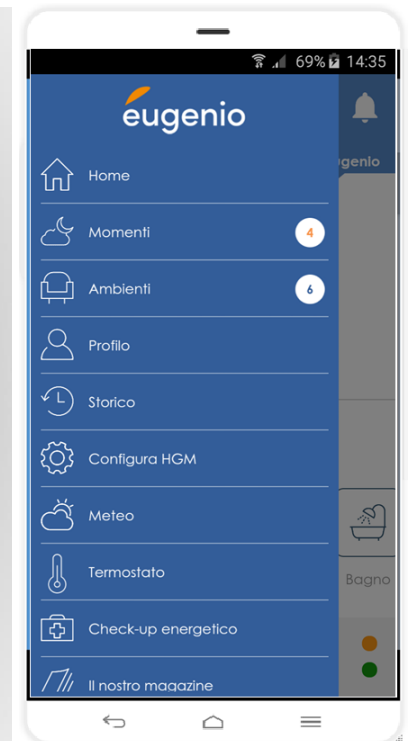
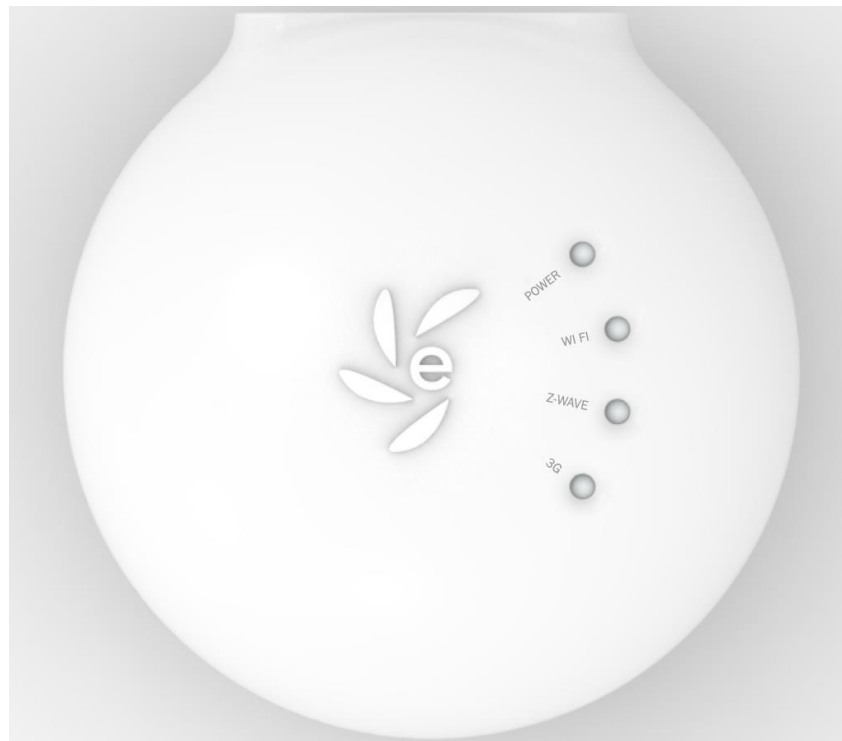
Eugenio is an innovative Home Gateway Manager (HGM) which interacts with Z-Wave devices. It can be controlled and configured by means of a smartphone APP, which permits to configure automations for your home.

The HGM supports S2 protocol of Z-Wave, that is it can include securely devices which supports S2 protocol



Eugenio

The Eugenio APP is available for Android and iOS, freely downloadable from Apple Store and PlayStore



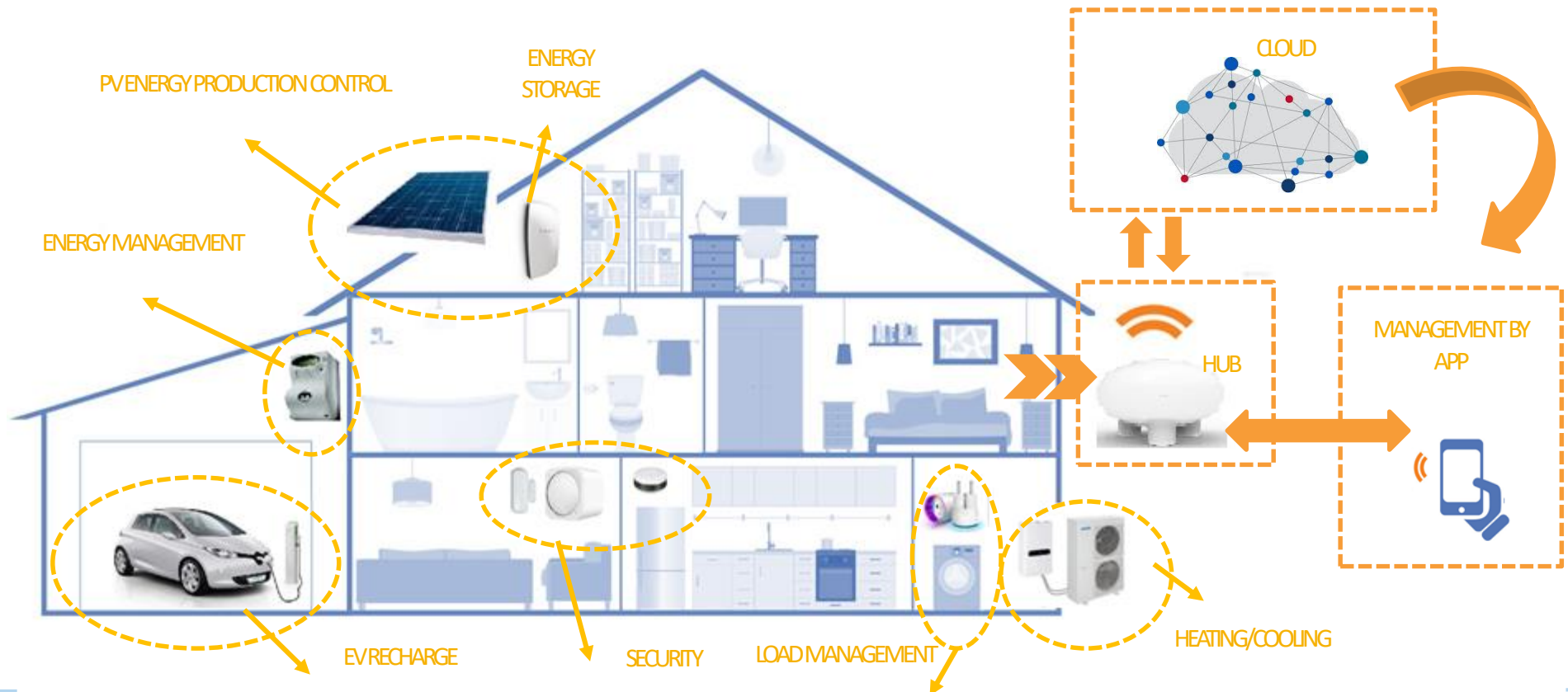


introduction

YOUR DOMOTIC SYSTEM

Create the Domotic System
which fits your needs

The wireless technology which empowers Eugenio and smart devices permits to make the home smarter, easily and quickly. No more cables! Anytime, Eugenio let you add new sensors or actuator to enhance the possibilities of control of the home.





introduction

APPLICATION SCENARIOS

Eugenio can:

- remotely control the states of associated devices
- create scenarios and rules, based on custom daily needs
- detect and transmit notifications about anomalies and alarms
- read electrical loads and state change of devices



Energy
Management



Comfort and
Lighting



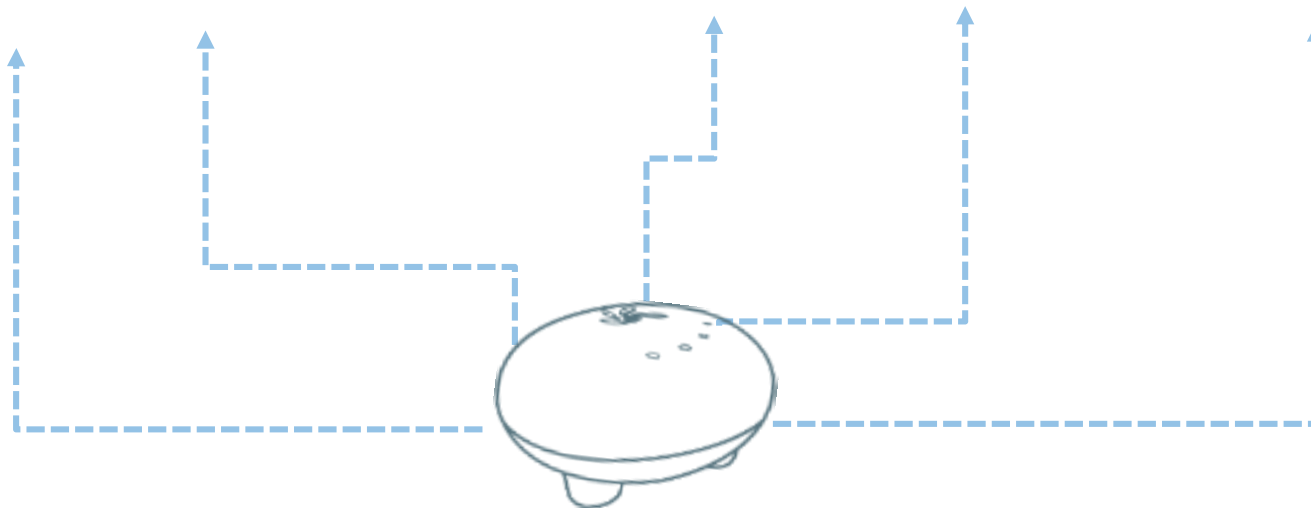
Smart
Appliances



Control and
Connectivity



Safety





introduction

PREFERRED DEVICE

**Eugenio can interact with
multi brand devices**

Eugenio can communicate with a large set of devices, from different vendors and of different types. The compatible set of devices follows.



Evolvere Customer Service is at your side

The domotic system envisioned by Evolvere is simple to install, configure and use.

Follow the instructions of this Manual, and use the contact information to ask support to our Customer Service.

For information and support call us at

800 190 570

(from mobile line+39 0266710922)

Mon-Fri, from 9.00 to 19.00

Part 2

INSTRUCTIONS AND ADVICES



Read this Section for information about safe usage of Eugenio

The section must be read and understood before any usage of Eugenio, for instance the information about safety. This document is an addendum to the current regulations related to safety and security of electrical devices.

Eugenio is a Gateway which generates and uses radio frequencies. The device has been implemented by means of state-of-the-art technologies and by adhering to current government regulations safety. However, the interaction with other devices is not totally excluded during the operation life of the Gateway.

The Gateway must be installed at a safe distance from medical devices and measurement tools as well. The interaction among different electrical machineries could lead to interferences which could impact on the correct behaviour of medical appliances or alter the measurements of electronic toolboxes.

No modification of the device is allowed.

The Gateway can be used by users with a minimum knowledge of basic Informatics. Please, follow the instruction of this Manual.

In case of anomalies or incorrect behaviour, take out the power cable, otherwise injuries to people or damages to nearby things can happen.

Supply voltage must be within the range dictated by this Manual and expressed also on the chassis of the device. Outside the allowed voltage range, fires and explosion risks increase. The isolation grade between the supply power adapter and the electrical grid must adhere to the specifications of IEC 61558-2-6 document.

Opening the hub and accessing to its internal parts is in no way allowed

Read the following advice before using the Gateway

- Carefully read the instruction of this Manual.
- Use the original power adapter provided with the Gateway.
- Do not use the Gateway close to heat sources.
- Keep children out of the Gateway usage
- Do not open the device. In case of anomalies, please contact the Customer Service of Evolvere.
- Disconnect the power adapter before cleaning operations. Do not use liquids for cleaning. Use a simple rag.
- In order to avoid malfunctions of the Gateway, observe following points
- Keep it away from water, humidity or any conductive objects during the normal operations.
- Do not handle the device with wet hands.
- Do not expose the device to hot temperatures. The devices is supposed to work under usual ambient temperatures.
- Handle carefully in order to avoid mechanical or electrical damages to its parts.
- Avoid any movements when the devices is powered on.
- In order to avoid electrostatic shocks, handle the device from the borders.
- Before using the power adapter, follow these instruction to avoid hazards Do not disassemble the device, and do not touch the screws.
- The powe adapter is supposed to be used indoor and not outdoor.
- Do not expose the power adapter to rain or other liquids. In case of accidental contact with liquids, shutdown the device. Liquids and humidity can create short-circuits and damage the whole device.
- Do not use detergent. A dry cloth is enough. For serious case of dirtyness, smoothly use a light detergent.
- Admitted temperatures are within the range -10°C / +50°C, and humidity must be under 75%.



ENVIROMENT REQUIREMENTS

- Ambient dust can damage the device.
- Do not use the device upon not-flat surfaces, such as sofas, beds, and so on. The ground surface must be stable and flat.
- Do not use the device within areas with risk of explosion or fire.
- The Gateway must be installed at a safe distance from medical devices and measurment tools as well. The interaction among different electrical machineries could lead to interferences which could impact on the correct behaviour of medical appliances or alter the measurements of electronic toolboxes.

ELECTRICAL REQUIREMENTS

- For a safe functioning, the electric system of the home must contain the ground pole connection.
- The electric line must be stable and free of electrical noises and interferences of any type.
- Power the device with supply power as specified in the external label.
- Do not bend the power cable with objects and take care to not expose the power cable around free walk areas.
- No objects or person should stepped on the power cable.
- If liquids accidentally enter the internal part of the device, power off the device by pulling out the wall plug and call the technical support.
- In order to avoid short-circuit, do not open the chassis.
- Pull out the power adapter if the device is not used for extended periods of time.

WARNING! Do not power on the device if the top cover is open or not properly fixed to the body of the device.



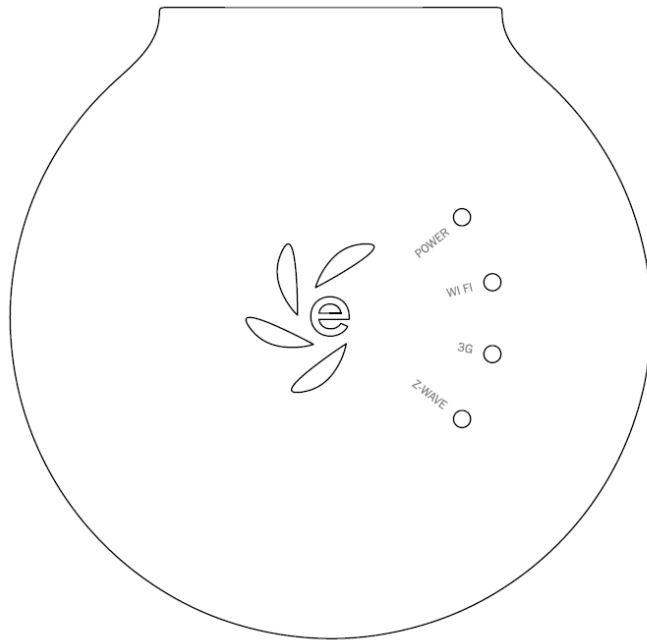
INFO FOR ITALIAN USERS

Ai sensi dell'art. 13 del decreto legislativo 25 luglio 2005, n. 151 "Attuazione delle Direttive 2002/95/CE, 2002/96/CE e 2003/108/CE, relative alla riduzione dell'uso di sostanze pericolose nelle apparecchiature elettriche ed elettroniche, nonché allo smaltimento dei rifiuti" Il simbolo del cassonetto barrato riportato sull'apparecchiatura o sulla sua confezione indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti. La raccolta differenziata della presente apparecchiatura giunta a fine vita è organizzata e gestita dal produttore. L'utente che vorrà disfarsi della presente apparecchiatura dovrà quindi contattare il produttore e seguire il sistema che questo ha adottato per consentire la raccolta separata dell'apparecchiatura giunta a fine vita. L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchiatura dismessa al riciclaggio, al trattamento e allo smaltimento ambientalmente compatibile contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il reimpiego e/o riciclo dei materiali di cui è composta l'apparecchiatura. Lo smaltimento abusivo del prodotto da parte del detentore comporta l'applicazione delle sanzioni amministrative previste dalla normativa vigente.



Part 3

CONFIGURATION



Eugenio kit contains the gateway and the power adapter

On the top of the case of **Eugenio** there are 4 leds:

POWER

Turns on when the gateway is powered on. It starts blinking when the gateway is going to power off

WI-FI

Turns on when the gateway communicates with the Cloud.

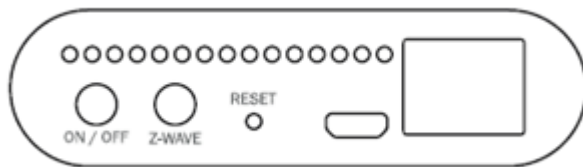
Z-Wave

Turns on at every Z-Wave operation (inclusion, exclusion, etc.)

3G

Turns on when the 3G modem is active.

On the back side:



ON/OFF

This button control the reboot of the device (see next page).

Z-Wave

This button controls Z-Wave operations, such as inclusion, exclusion, etc. See next page.

RESET

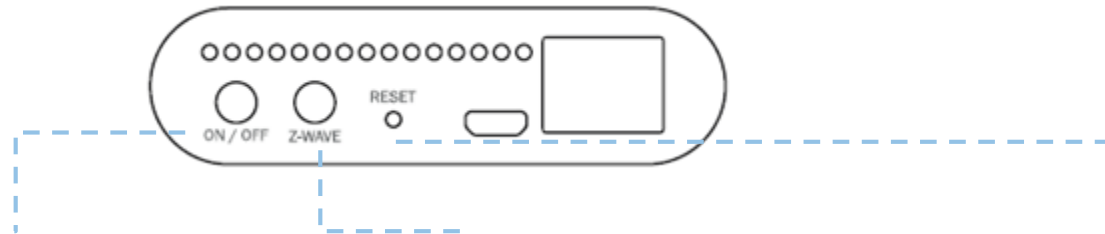
This button starts the Factory Reset of the gateway and the Z-Wave module. The gateway will switch to Access Point mode

**MICRO
USB**

This is the USB power in port. The power cable must be inserted in this port.

RJ45

This the port for the network cable.



ON/OFF BUTTON

This button allows the power on/off and reboot of Eugenio:

- Gateway powered on (POWER LED ON): when pressed once, reboot starts.
- Gateway powered on (POWER LED ON): a long press will start blinking of the LED. When the led stops blink, release the button and the gateway will shut down.
- Gateway powered off (POWER LED OFF): a short press will boot the gateway.

Z-Wave BUTTON

This button allows manual operation on the Z-Wave network, useful in case of unavailability of the software APP.

- INCLUSION: press for 3 seconds, the Z-Wave LED starts blinking. The gateway is ready for inclusion Z-Wave devices.
- EXCLUSION: after a long press for at least 6 seconds, the LED stays ON.
- CANCEL: to cancel INCLUSION/EXCLUSION operation, press once.

The Z-Wave LED:

- blinks quickly during INCLUSION;
- stays ON during EXCLUSION;
- stays OFF: no on-going Z-Wave operation is present;
- blinks randomly: normal state whenever a Z-Wave communication takes happen.

RESET BUTTON

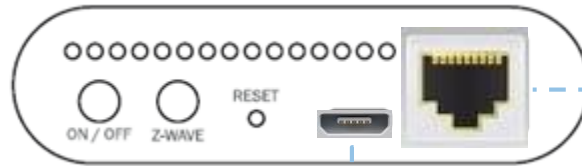
The button allows the following functions.

- Factory reset¹: a long press for more than 10 seconds starts hard reset of all the configurations.
- Access Point mode: a long press of 3 seconds starts the Access Point Mode of the gateway (the gateway will act as an open WiFi Access Point)

1: If this controller is the primary controller for your network, the factory reset operation will result in the nodes in your network being orphaned and it will be necessary after the execution of reset operation to exclude and re-include all of the nodes in the network. If this controller is being used as a secondary controller in the network, use this procedure to reset this controller only in the event that the network primary controller is missing or otherwise inoperable



configuration EXTERNAL PORTS



MICRO USB PORT

This is the power supply port.



ETHERNET RJ45 PORT

Eugenio can be used also without a WiFi connection. This port connect the gateway to the local LAN.

WARNING! If you change the type of connection (WiFi or Ethernet) Eugenio tries to restart Internet connection and the service could be unavailable for some second.



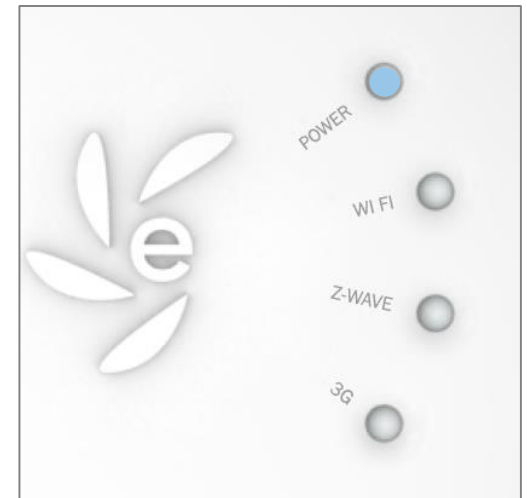
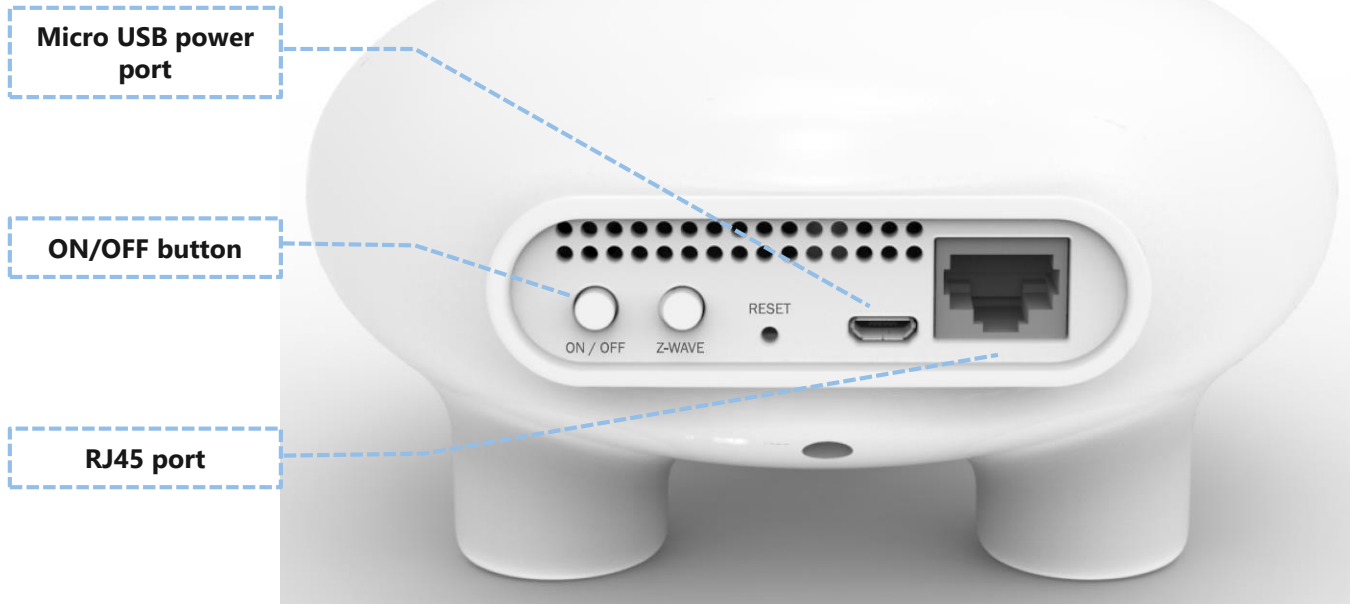


configuration

ACTIVATE YOUR GATEWAY

Few steps to activate your Eugenio

1. Connect Eugenio to the power adapter. The POWER ON/OFF LED will turn on.
2. If you have not a WiFi connection, connect the gateway by means of the RJ45 cable to your LAN.
3. Download the Eugenio APP (Play store or Apple store) and follow the instructions





configuration

REGISTER YOUR ACCOUNT (1/2)

- 1 Open the App and click on '**Registrati**'
- 2 Click on '**Procedi**'
- 3 Scan the QR code placed on the bottom of the chassis of Eugenio
- 4 Type in your Client Code, your email, password

Check your e-mail: Eugenio has sent you the access info and the token to validate your e-mail

1

eugenio

ACCEDI AL TUO ACCOUNT

Nome Account

Password

☐ Visualizza password 0/30

Accedi

Hai perso la password?

Non hai un account?

Registrati

2

eugenio

Benvenuto,
crea il tuo Account

Come 1° Step fotografa o inquadra il
QR code presente su Eugenio

Procedi

3

eugenio

Inquadra il QR Code che trovi sulla
scatola di Eugenio

4

eugenio

Crea il tuo account

Scansiona di nuovo il codice

Ripeti!

Seriale HGM
hgm_00021400083068

Codice Cliente

E-mail

E-mail notifiche

(lasciare vuoto il campo se uguale)

Password

☐ Visualizza password 0/30

Informazioni e Condizioni sulle
Maggiori Informazioni

Conferma

Annulla

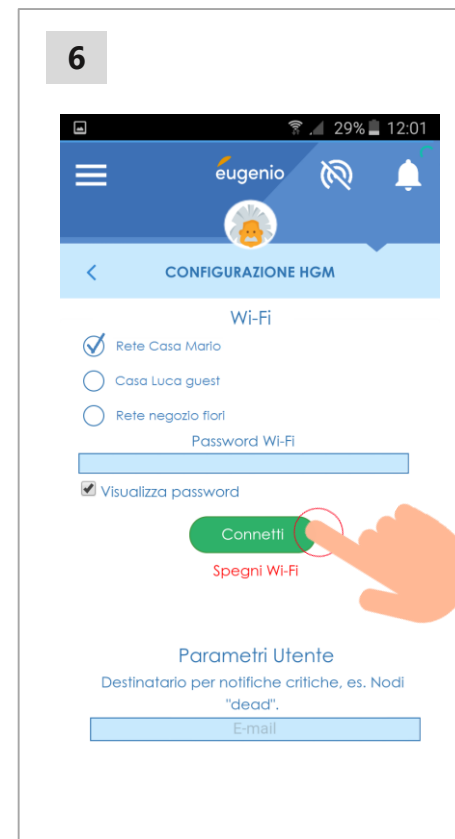
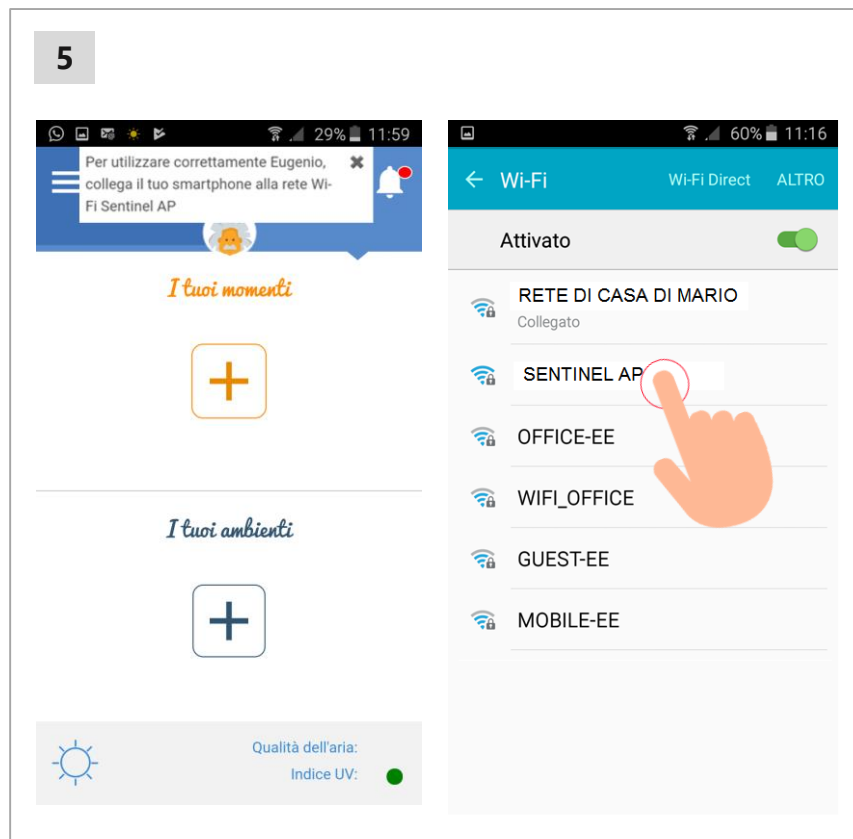
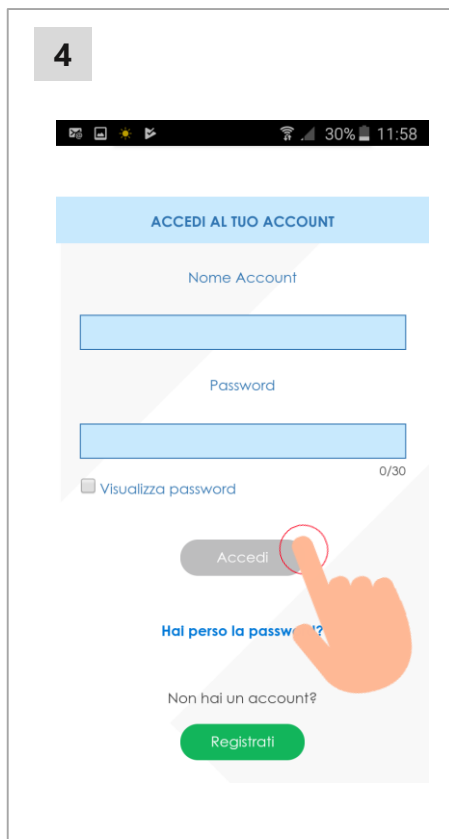


configuration

REGISTER YOUR ACCOUNT (2/2)

- 4 Type your email and password and click on '**ACCEDI**'
- 5 Connect your smartphone the WiFi access point with SSID **SENTINEL AP**. The required password is **admin_ap**
- 6 Tback to the App, now configure the WiFi Access Point to be used by the gateway from now and click on '**CONNETTI**'

NOW THE CONFIGURATION IS COMPLETED! YOU CAN ENJOY USING EUGENIO!





configuration

OVERVIEW OF THE APP



HOME PAGE: contains widgets to configure scenarios, device. Here you'll find also notification and alarms

MOMENTI: here you can create moments with automation rules and devices configuration

AMBIENTI: here you can create your environment, and include the devices

PROFILO: information about your profile

STORICO MISURE: every sensor data is recorded in the cloud. Here you can find sensors measures

CONFIGURAZIONE HGM: used to change the WiFi connection of the gateway

METEO: weather forecast and external air quality measures

TERMOSTATO: digital and connected thermostat that let you manage home heating

CHECK UP ENERGETICO: energy check-up service to help you saving energy

MAGAZINE: all the news of Evolvere magazine

SUPPORTO TECNICO: help desk contact

Parte 4

YOUR ENVIRONMENTS

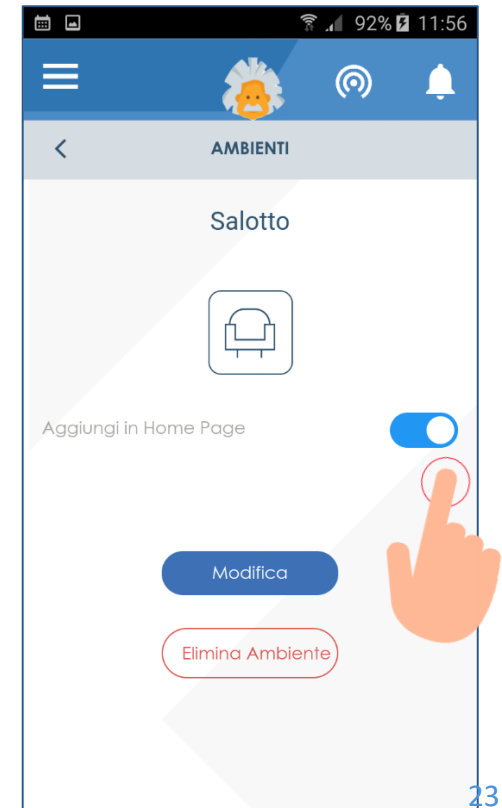
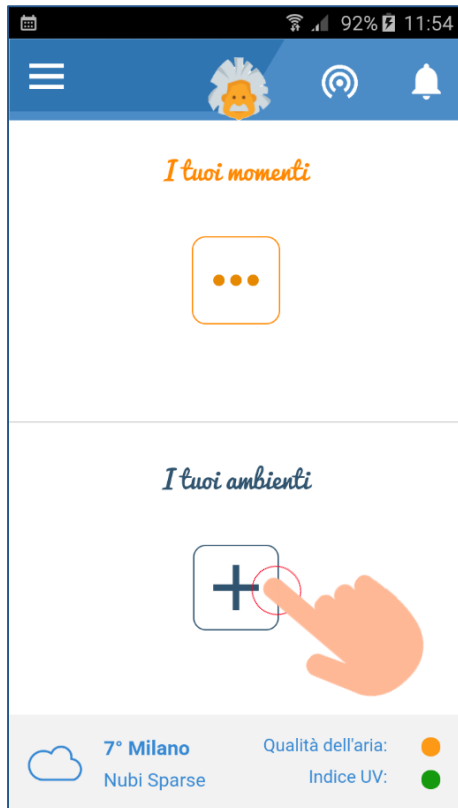


environment

CONFIGURATION OF ENVIRONMENTS OF THE HOME

Create environments for every place of your home

1. From home page or section '**Ambienti**' click on **+** to add an environment
2. Choose a name for your environment and click on **continua**
3. Choose a template, then click on **+** to add devices to the environment
4. You can add the environment to the home view



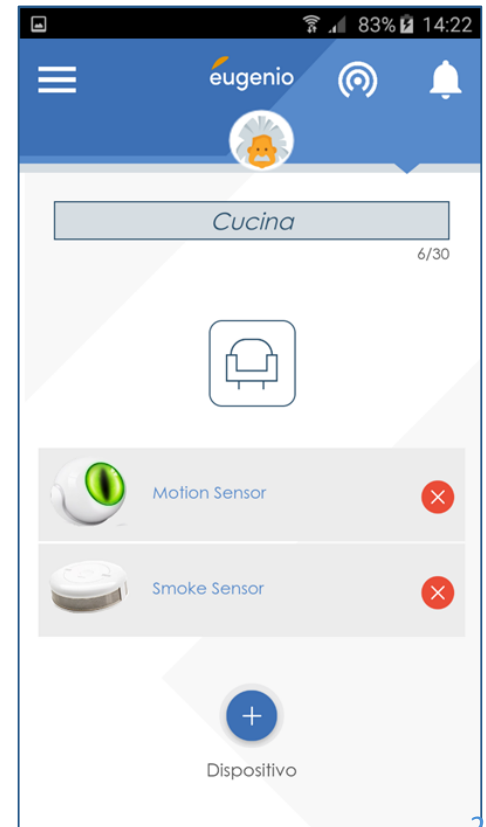
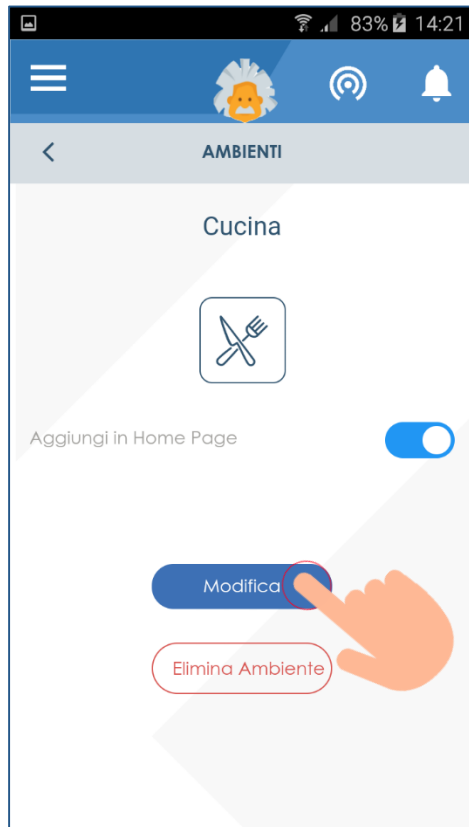


environment

ADD A NEW DEVICE FROM MULTIPLE MANUFACTURERS (1/2)

Add devices to your environment

1. From section 'Ambienti' chose one environment and click on 'modifica'
2. Clicca on + to add a device to your environment
3. To add one of the devices already included select it from the list and click on 'Aggiungi'



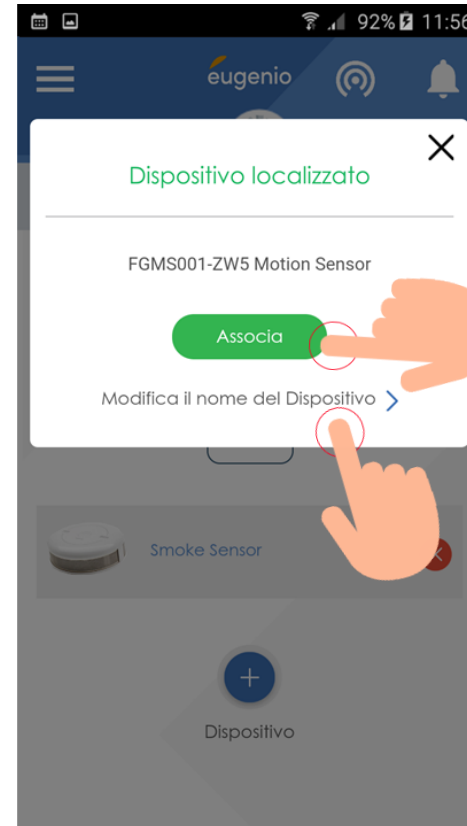
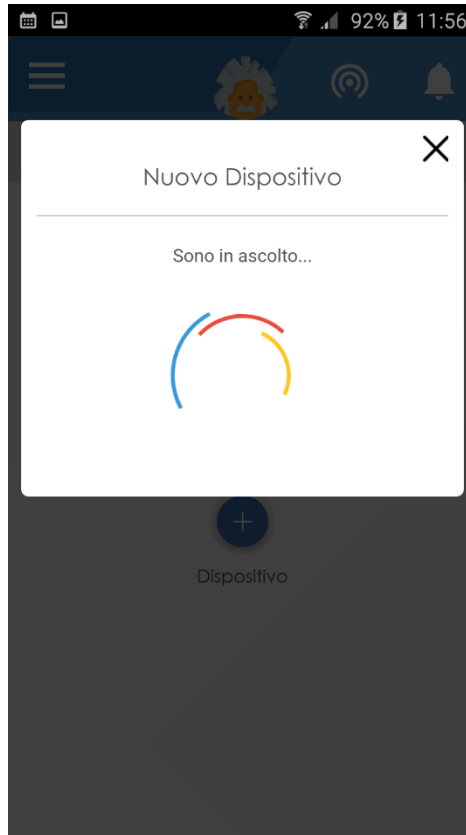


environment

ADD A NEW DEVICE FROM MULTIPLE MANUFACTURERS (2/2)

Add new devices

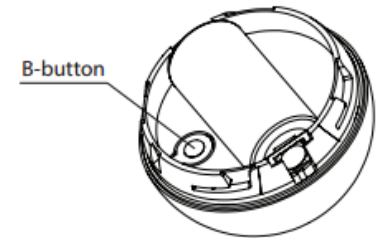
1. To add a new device click on 'NUOVO'
2. Follow the instructions of each device to achieve the inclusion
3. If device supports S2 security protocol with DSK, you need to write the whole DSK to enable secure adding of device
4. Wait for the confirmation message in the App, then rename your device and click on 'ASSOCIA'



EXAMPLE

To add the **Motion Sensor Fibaro**:

1. Click on '**Nuovo**'
2. Eugenio will be in inclusion mode
3. Click 3 times the **B-button**



4. The App will confirm you the inclusion

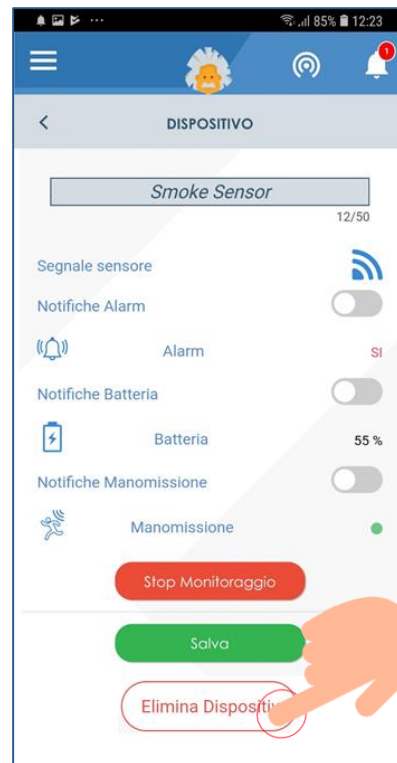
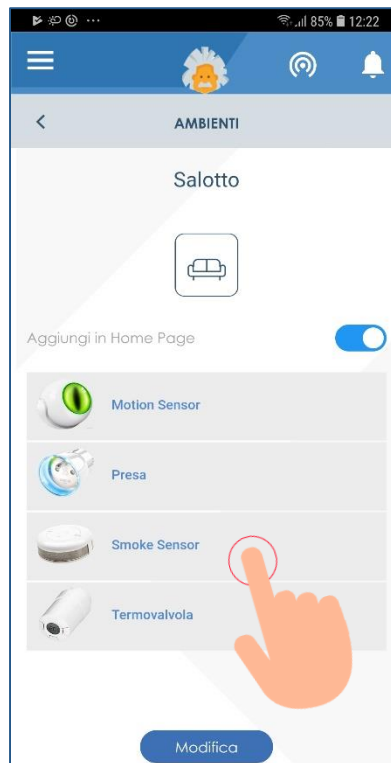


environment

REMOVE A DEVICE FROM THE Z-WAVE NETWORK

How to remove a device

1. Select the device you want to remove from the Z-Wave network from the section 'Ambienti'
2. Clic on 'Elimina Dispositivo' to start the procedure on controller
3. Follow the instructions of the device to remove it from Z-Wave network

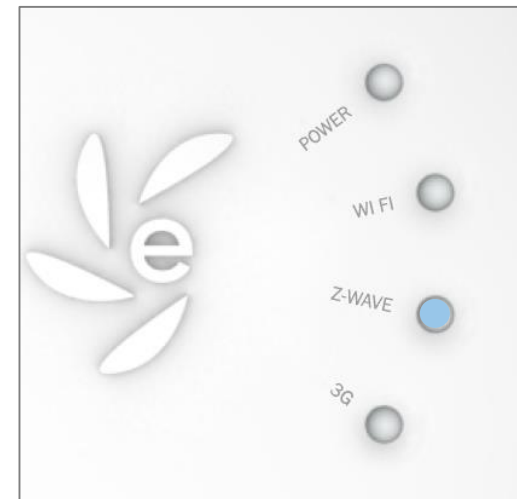


You can add devices without
the App

Press the Z-Wave button for at least 3 seconds. The Z-Wave LED will blink, and Eugenio is in the listening state for adding device. The LED turns off when the procedure ends.

Press the Z-Wave button for at least 6 seconds. The Z-Wave LED turns on and Eugenio is in the listening state for removing device. The LED turns off when the procedure ends.

To cancel on-going operations, just press once the Z-Wave button





Parte 5

YOUR MOMENTS



Rules for automation, Moments for any of your needs

You can create different Moments for your day, in order to activate set of rules with a single click.

With the rules you define the interaction among your device and set the duration

EXAMPLE

devices

multisensor, smart led, smart plug, smoke sensor

Device management

By using the APP, you can read multisensor data (temperature or movement), you can switch on/off the plug or control the LED intensity

Rules examples

'lux rule': turn on the led when the motion sensor detects low luminance
'security rule': send me an mail when the multisensor detects movement
'smoke rule': send me an mail when the smoke sensor detects smoke

Moment examples

'at home moment': lux rule + smoke rule
'not at home moment': turn off leds + turn off smart plug + security rule + smoke rule
'night moment': regulate intensity of leds + turn off smart plug + smoke rule



your moments

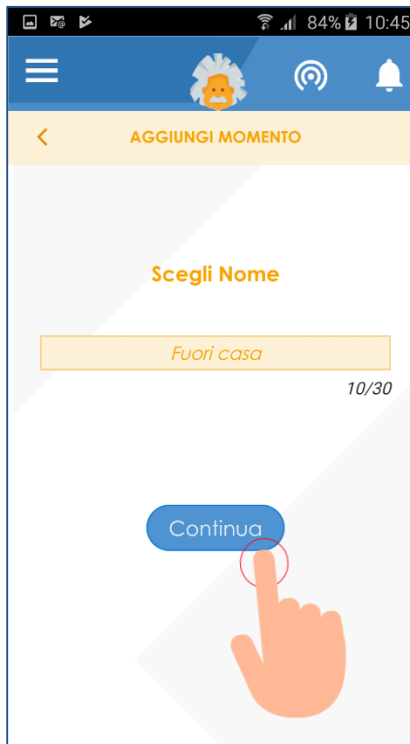
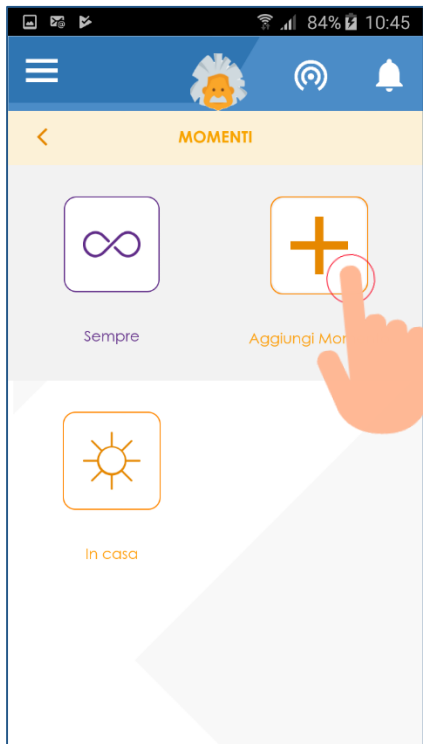
ADD A MOMENT

Create moments for every
daily need

From home page or from the section '**Momenti**':

1. Click on 'aggiungi momento'
2. Rename the moment and click on 'continua'
3. Click on '**Aggiungi regola**' to create an automation rule

If you want to create a rules independent from the moments (always active) click on '**Sempre**' and create the rule



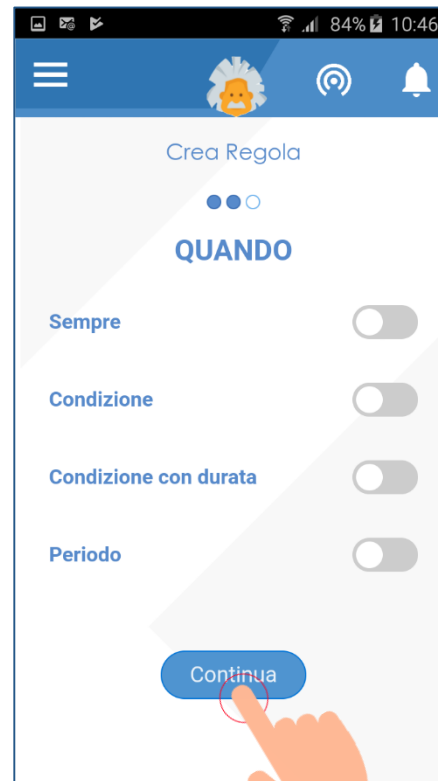
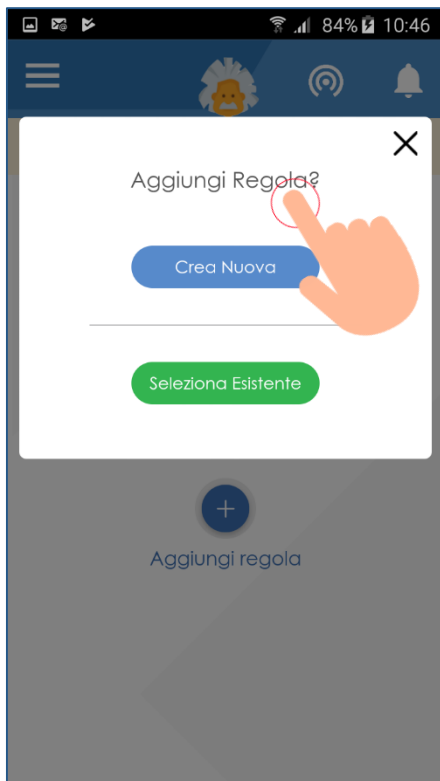


Your moments

CRATE A RULE

Define what you want and when you want it!

1. Click on '**crea nuova**' (or select '**seleziona esistente**' if you want to use a rules already created)
2. Choose what you want to happen (**COSA**):
3. Choose when you want It to happen (**QUANDO**): always or when a condition occurs, or when a condition occurs but only with a certain duration or in a defined period
4. Verify the rule (RIEPILOGO), rename It and save





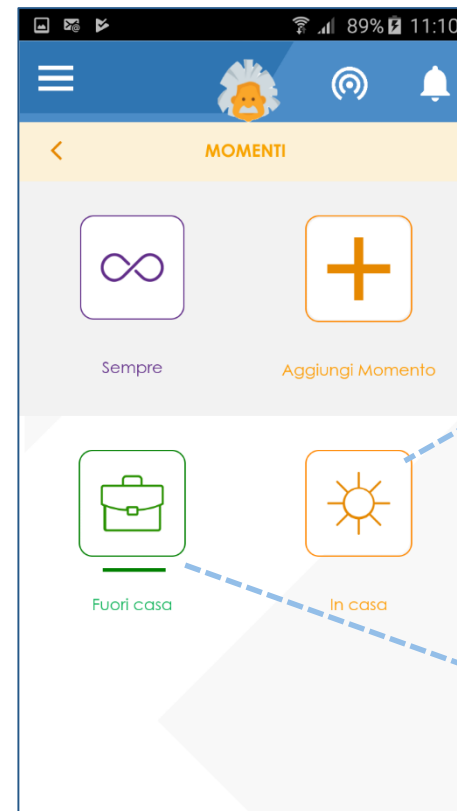
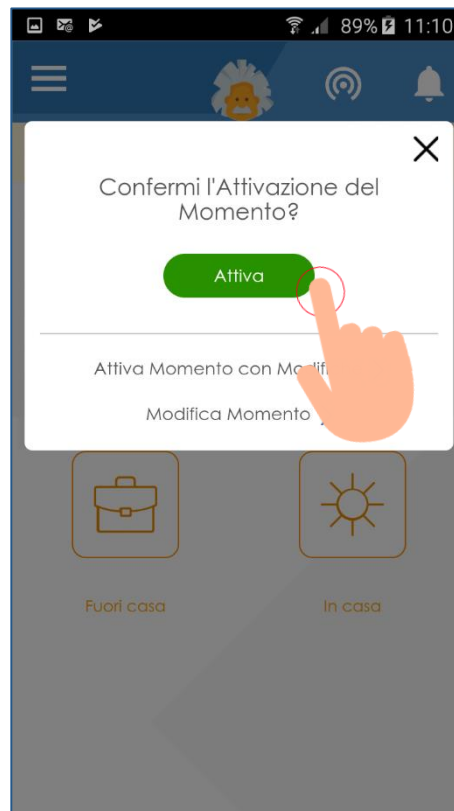
Your moments

ACTIVATE A MOMENT

Choose what moment
activate during your day

From home page or from section '**Momenti**':

1. Click on the moment you want to activate
2. Confirm the activation
3. The moment icon become green (active moment)



Non activated
moment

Activated momet



The gateway uses a chip from Silicon Labs, ZM500x series. The gateway is able to group devices according to the Z-Wave protocol. However, the user has no access to grouping functions and only one group is supported. Home Group 1 is configured by default. This means that alarms sent on other groups are not handled.

Also the DSK is included in the chip and it's fully printed both on the label attached on the bottom of the chassis and on product's packaging

However, only the preferred devices have been tested successfully.

For S2 CC, the Door Lock and Door Lock Logging CC are supported, although Door Lock devices are not-preferred devices.

In this version of the APP, configuration of devices parameters cannot be performed by users, but only by administrative operator (customer support)

If the HGM receives Basic Set/Get from other devices it does nothing, i.e. it ignores such CC.

The gateway accepts most of Z-Wave Command Classes:

Device security, S0 or S2?

The latest Z-Wave devices are implemented with a new security level, called S2, which Eugenio controller supports.

Supported Command Classes

- Association Group Information V3
- Association V2
- CRC16 Encapsulation V1
- Device Reset Local V1
- Inclusion Controller V1
- Manufacturer Specific V2
- Multi-Channel V4
- Powerlevel V1
- Security 0 V1
- Security S2
- Security V1
- Supervision
- Transport Service V2
- Version V2
- Z-Wave Plus Info V2

Controlled Command Classes

- Association V2
- Alarm V2
- All Switch V1
- Basic V2
- Battery V1
- Binary Sensor V2
- Binary Switch V1
- Colour Switch V1
- Configuration V3
- CRC16 Encapsulation
- Door Lock V1
- Meter V4
- Multi-Channel Association V3
- Multi-Channel V4
- Multilevel Sensor V10
- Multilevel Switch V1
- Notification V4
- Security 0 V1
- Security S2
- Security V1
- Sensor Multilevel V5
- Thermostat Mode V1
- Thermostat Setpoint V1
- Wake-Up V2



Eugenio can include also other Z-Wave Controllers in its Z-Wave network, in order to provide network extension capabilities and replication to secondary controller as well.

The procedure can be activated ONLY by accessing the Configuration server running on the local web server.

Usually, the address of the Configuration server:

- you must connect a PC to the LAN the GW is running within; - start a web browser at the address <https://sentinel.local:3000>
If everything is fine, you will land into the login page. Use your Eugenio account to enter the Configurazione server

Benvenuto
nel
Sentinel!



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Z-WAVE MANAGEMENT OPERATIONS (LIST OF NODES)

Go to the section Z-Wave. You will find a group of buttons which permit management operations, such as showing the devices included in your network or inclusion/Exclusion of controller.

Parametri Utente E-mail WiFi Rete Cellulare **Z-WAVE** Z-WAVE Config DINO

Parametri Z-Wave

Aggiorna Rete Health Check Learn mode **Nodes**

Rescan Annulla Reset Rimuovi Nodo

Aggiorna nodo (Update Node)
inserisci id valido **Aggiorna**

Aggiungi nodo
dsk nuovo nodo se disponibile **Aggiungi**

Aggiungi nodo ON BEHALF
dsk nuovo nodo se disponibile **Aggiungi**

Sostituisci nodo difettoso (Replace failed)
inserisci id valido **Sostituisci**
dsk nuovo nodo se disponibile

Sostituisci nodo difettoso ON BEHALF
inserisci id valido **Sostituisci**
dsk nuovo nodo se disponibile

Rimuovi nodo difettoso
inserisci id valido **Rimuovi**

Nodi della rete PAN

ID	Produttore	Prodotto	Tipo	Primary	Security	Health
1	Evolvere SpA				S2.0,S2.1,S2.2,S0	
6	Aeotec Limited				S2.0,S2.1,S0	

Click on "Nodes" and you get the list of nodes in your Z-Wave Network

Salva Logout Riavvia sentinel



Go to the section Z-Wave. You will find a group of buttons enabling management operations, such as showing the devices or controllers added into your network. Here are the steps both to include the controller into an existing Z-Wave and to receive network information from another Z-Wave controller:

1. Go to the Z-Wave section and click on Learn mode button.
2. On the second controller, start the add node procedure. If you are using another Eugenio/HGM:
 - a. Access the Configuration server of the 2nd Eugenio
 - b. In the Z-Wave section click on Add node

The procedure to remove controller from existing network is similar: just click on Learn mode and repeat 2a-2b; the point 2.b. will result in clicking on “Rimuovi nodo” (Remove) button on the other controller

Parametri Z-Wave

Aggiorna Rete Health Check **Learn mode** Nodi

Rescan Annulla Reset Rimuovi Nodo

Aggiorna nodo (Update Node)

Inserisci id valido Aggiorna

Aggiungi nodo

dsk nuovo nodo se disponibile Aggiungi

Aggiungi nodo ON BEHALF

dsk nuovo nodo se disponibile Aggiungi

Sostituisci nodo difettoso (Replace failed)

Inserisci id valido Sostituisci

dsk nuovo nodo se disponibile

Sostituisci nodo difettoso ON BEHALF

Inserisci id valido Sostituisci

dsk nuovo nodo se disponibile

Rimuovi nodo difettoso

Inserisci id valido Rimuovi

Salva Logout Riavvia sentinel

ID	Produttore	Prodotto	Tipo	Primary	Security	Health
1	Evolvere SpA				S2.0,S2.1,S2.2,S0	
6	Aeotec Limited				S2.0,S2.1,S0	

Click on “Learn mode” to manage add/remove of controller into existing network



Here are the steps to replicate Z-Wave network information to another controller:

1. Go to the Z-Wave section and click on “Aggiungi” button (Add) after the insertion of DSK of second controller (if provided).
2. On the second controller, start Learn Mode procedure. If you are using another Eugenio/HGM:
 - a. Access the Configuration server of the 2nd Eugenio
 - b. In the Z-Wave section click on Learn Mode
3. If everything is fine you will see the Z-Wave LED blinking on second controller and you can check new network configuration by clicking on “Nodi” (get nodes)
4. The procedure to remove a controller is the similar: just click on Learn mode and repeat 1-2; the point 1 will result in clicking on “Rimuovi nodo” (Remove) button

Parametri Utente

E-mail

WiFi

Rete Cellulare

Z-WAVE

Z-WAVE Config

DINO

Parametri Z-Wave

Aggiorna Rete

Health Check

Learn mode

Nodi

Rescan

Annulla

Reset

Rimuovi Nodo

Aggiorna nodo (Update Node)

Inserisci id valido

Aggiorna

Aggiungi nodo

dsk nuovo nodo se disponibile

Aggiungi

Aggiungi nodo ON BEHALF

dsk nuovo nodo se disponibile

Aggiungi

Sostituisci nodo difettoso (Replace failed)

Inserisci id valido

Sostituisci

dsk nuovo nodo se disponibile

Sostituisci nodo difettoso ON BEHALF

Inserisci id valido

Sostituisci

dsk nuovo nodo se disponibile

Rimuovi nodo difettoso

Inserisci id valido

Rimuovi

Salva

Logout

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Nodi della rete PAN

ID	Produttore	Prodotto	Tipo	Primary	Security	Health
1	Evolvere SpA				S2.0,S2.1,S2.2,S0	
6	Aeotec Limited				S2.0,S2.1,S0	

Click on “Aggiungi” button to start the replication process into Z-Wave network. Add the DSK if device to be included supports it



Z-WAVE NETWORK AND NODE UPDATE

These operations are useful to update network topology or to update a single node by adding its ID in the network

Parametri Utente E-mail WiFi Rete Cellulare **Z-WAVE** Z-WAVE Config DINO

Parametri Z-Wave

Aggiorna Rete

Health Check

Learn mode

Nodi

Rescan

Annulla

Reset

Rimuovi Nodo

Aggiorna nodo (Update Node)

inserisci id valido

Aggiorna

Aggiungi nodo

dsk nuovo nodo se disponibile

Aggiungi

Aggiungi nodo ON BEHALF

dsk nuovo nodo se disponibile

Aggiungi

Sostituisci nodo difettoso (Replace failed)

inserisci id valido

Sostituisci

dsk nuovo nodo se disponibile

Sostituisci nodo difettoso ON BEHALF

inserisci id valido

Sostituisci

dsk nuovo nodo se disponibile

Rimuovi nodo difettoso

inserisci id valido

Rimuovi

Nodi della rete PAN

ID	Produttore	Prodotto	Tipo	Primary	Security	Health
1	Evolvere SpA				S2.0,S2.1,S2.2,S0	
6	Aeotec Limited				S2.0,S2.1,S0	

This command is used to request network topology updates

After typing a valid node ID, click on "Aggiorna" button to rediscover and update a node

Salva

Logout

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There are circumstances where you want to heal the network, e.g. by correcting routing misbehaviour or solving problems related to devices apparently not responding to commands.

To understand if a Z-Wave network is working well, just launch an Health Check operation. After that, you can decide the action to perform on Z-Wave nodes

Parametri UtenteE-mailWiFiRete CellulareZ-WAVEZ-WAVE ConfigDINO

Parametri Z-Wave

Aggiorna ReteHealth CheckLearn modeNodi

RescanAnnullaResetRimuovi Nodo

Aggiorna nodo (Update Node)

inserisci id valido

Aggiorna

Aggiungi nodo

dsk nuovo nodo se disponibile

Aggiungi

Aggiungi nodo ON BEHALF

dsk nuovo nodo se disponibile

Aggiungi

Sostituisci nodo difettoso (Replace failed)

inserisci id valido

Sostituisci

dsk nuovo nodo se disponibile

Sostituisci nodo difettoso ON BEHALF

inserisci id valido

Sostituisci

dsk nuovo nodo se disponibile

Rimuovi nodo difettoso

inserisci id valido

Rimuovi

Nodi della rete PAN

ID	Produttore	Prodotto	Tipo	Primary	Security	Health
1	Evolvere SpA				S2.0,S2.1,S2.2,S0	
6	Aeotec Limited				S2.0,S2.1,S0	

This command is used to monitor network health

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Z-WAVE SUBSTITUTION OF NODE

There are circumstances where some Node/Device does not respond anymore to the Controller.

Such nodes are called Failed nodes. You can include an identical new node as substitute of the failed one.

Just insert the ID of the failed node (and its DSK if supported) and press Sostituisci (Substitute). Then insert the new device and start the inclusion process.

Parametri UtenteE-mailWIFIRete CellulareZ-WAVEZ-WAVE ConfigDINO

Parametri Z-Wave

Aggiorna ReteHealth CheckLearn modeNodi

RescanAnnullaResetRimuovi Nodo

Aggiorna nodo (Update Node)

inserisci id validoAggiorna

Aggiungi nodo

dsk nuovo nodo se disponibileAggiungi

Aggiungi nodo ON BEHALF

dsk nuovo nodo se disponibileAggiungi

Sostituisci nodo difettoso (Replace failed)

inserisci id validoSostituisci

dsk nuovo nodo se disponibile

Sostituisci nodo difettoso ON BEHALF

inserisci id validoSostituisci

dsk nuovo nodo se disponibile

Rimuovi nodo difettoso

inserisci id validoRimuovi

Nodi della rete PAN

ID	Produttore	Prodotto	Tipo	Primary	Security	Health
1	Evolvare SpA				S2.0,S2.1,S2.2,S0	
6	Aeotec Limited				S2.0,S2.1,S0	

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Insert node ID and DSK (if supported) of device to replace it. Click on "Sostituisci" button to start the replacement operation

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Z-WAVE FACTORY RESET

To reset Z-Wave controller you need to access the Z-Wave section and click the "Reset" button

Parametri Utente E-mail WiFi Rete Cellulare **Z-WAVE** Z-WAVE Config DINO

Parametri Z-Wave

Aggiorna Rete Health Check Learn mode Nodi

Rescan Annulla **Reset** Rimuovi Nodo

Aggiorna nodo (Update Node)

Inserisci id valido Aggiorna

Aggiungi nodo

dsk nuovo nodo se disponibile Aggiungi

Aggiungi nodo ON BEHALF

dsk nuovo nodo se disponibile Aggiungi

Sostituisci nodo difettoso (Replace failed)

Inserisci id valido Sostituisci

dsk nuovo nodo se disponibile

Sostituisci nodo difettoso ON BEHALF

Inserisci id valido Sostituisci

dsk nuovo nodo se disponibile

Rimuovi nodo difettoso

Inserisci id valido Rimuovi

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Nodi della rete PAN

ID	Produttore	Prodotto	Tipo	Primary	Security	Health
1	Evolvare SpA				S2.0,S2.1,S2.2,S0	
6	Aeotec Limited				S2.0,S2.1,S0	

Start the Reset Network operation

Before resetting!

If this controller is the primary controller for your network, resetting it will result in the nodes in your network being orphaned and it will be necessary after the reset to exclude and re-include all of the nodes in the network. If this controller is being used as a secondary controller in the network, use this procedure to reset this controller only in the event that the network primary controller is missing or otherwise inoperable.

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