

WIRELESS HOME  
AUTOMATION HUB

MyVirtuoso  
**HOME**

A photograph of a man with a beard and a young boy sitting at a wooden table. The boy is holding a tablet and looking at the screen, while the man leans in behind him, smiling and looking at the tablet. The background is a blurred kitchen with wooden shelves.

# Your smart home

With the MyVirtuoso Home system you can manage your home from smartphones and tablets. Comfort, savings and safety at your fingertips.

**SmartDHOME**  
www.smartdhome.com

**Temperature control**

Any system can become smart

**Energy monitoring**

Consumption and production monitoring

**Lights and sockets**

Turn your utilities on and off remotely

**Plant automation**

Let your home take care of you

**Security and alarms**

Protect what you love from internal and external risks

**Automation**

Simple automatisms for daily needs

[www.myvirtuosohome.com](http://www.myvirtuosohome.com)



## What is the MyVirtuoso Home system

**MyVirtuoso Home** is the wireless home automation system designed to monitor consumption, adjust the temperature in every room, manage the lights and automation of motor devices, monitor the safety of your home via smartphone or tablet, and much more.

**MyVirtuoso Home** will allow you to experience your home in a new dimension made of comfort with innovative solutions unthinkable until now; in a few simple steps you will take care of yourself and your family by choosing

your lifestyle. Your everyday life will be easier to manage and at your fingertips at any time with the MyVirtuoso Home ES App, which allows you to manage and control the system in a simple and intuitive way.

Consisting of a central hub, the brain of the system, and a series of devices chosen according to the needs of each family, **MyVirtuoso Home will allow you to manage savings**, comfort and safety in your home with just a few commands.



**TRY NOW  
THE DEMO  
APP!**



## Your home with a click

### FIND OUT HOW EASY IT IS TO USE THE MYVIRTUOSO HOME APP

Download the free **MyVirtuoso Home App** now (both Android and iOS) on your smartphone and activate the **DEMO MODE**. You will try the features of the App and discover how easily MyVirtuoso Home could change your way of living and saving. The MyVirtuoso Home App controls the system in a simple and intuitive way.

### IN THE HOME OF THE APP

You can memorize the devices or scenes you use most frequently to activate them with just one click.



## The HUB

The **MyVirtuoso Home system** consists of a wireless Hub that guarantees the functionality of the rules set by the user and communicates with the sensors and actuators installed in the home. The Hub, the brain of the home automation system, is available in two different models, one of which is equipped with an internal backup battery (it guarantees an autonomy of about 4 hours in the event of a power failure).

No type of masonry is necessary to make the system work. Just connect the Hub to the power socket and to the internet line and **MyVirtuoso Home is ready to give life to your home!**



**TEMPERATURE CONTROL**  
Whatever your system, we can make it smart



**ENERGY MONITORING**  
Check the consumption of your home and the production of your photovoltaic system



**LIGHTS AND SOCKETS**  
Access your users even remotely



**PLAN AUTOMATION**  
Let your home take care of you



**SECURITY AND ALARMS**  
Protect what you love from internal and external risks



**AUTOMATION**  
Create the automatisms to manage everyday life



MyVirtuoso Home Hub

## TECHNICAL CHARACTERISTICS OF THE HUB

- **DEVICE PROTOCOL:** Z-WAVE.
- **MAXIMUM NUMBER OF DEVICES THAT CAN BE ASSOCIATED:** 50.
- **CONNECTIVITY:** ETHERNET, WI-FI, 3G / 4G AND BLUETOOTH.
- **POWER SUPPLY:** MAINS AND BATTERIES (ESB MODEL ONLY).
- **DIMENSIONS HUB WITH BATTERY:** 120 X 37 X 160 MM.
- **HUB DIMENSIONS WITHOUT BATTERY:** 146 X 43 X 94 MM.
- **OPERATING TEMPERATURE:** 0 °C - 40 °C.



Whatever it is your system, we can make it smart

With MyVirtuoso Home you can **create automations and scenes to program your heating and cooling system**, optimizing the temperature, avoiding waste and saving on bill costs.

The digital thermostatic heads and temperature sensors allow you to define the optimal temperature for each room, while the actuators control the switching on and off of the boiler, air conditioners and installed stoves.



## AUTOMATION

**06:00 AM**

Switching on the heating system.

**07:00 AM**

The temperature is perfect in all rooms, it's time to get up.

## DEVICES



### 1 TTDZ2 digital thermostatic head

Based on the rules set and the temperature detected, it will open or close the thermostatic radiator valve, ideally adjusting the temperature.



### 2 Interface / actuator for OpenTherm boilers and Modbus systems

Two devices that manage boilers and heat pumps. They check the production of thermal energy and the consumption of the heat pump for the calculation of the COP.



### 3 Temperature sensor, display and setpoint adjustment

It helps to manage the temperature and humidity of the environment and to adjust the set point (1 °C intervals).



### 4 Actuator with clean contact N/O

It allows to implement and automate all those devices that require a clean contact, such as boilers, pellet stoves, air conditioners.



### 5 IR controller for air conditioners, heat pumps and stoves

It reproduces the split remote control IR controls through the learning function, allowing you to replicate them from the App.



### 6 9 in 1 environment quality device

Monitor the quality of the air. Track the levels of temperature, CO2, noise pollution, light intensity, humidity, volatile organic compounds, PM2.5 particles, presence of people and smoke.



### 7 Presence, temperature, humidity and twilight sensor

Small in size, it provides data on temperature, humidity, brightness and movement.



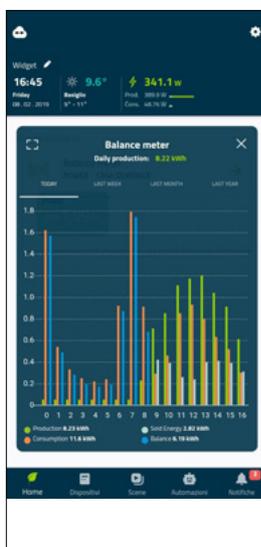
Keep consumption and production under control

MyVirtuoso Home provides various devices to monitor both total electricity consumption in real time and those of individual appliances, allowing you to know exactly how much energy you use. Similarly, it is possible to keep under control the yield of energy production sources (photovoltaic panels, wind generators or geothermal plants).

ON THE APP

CONSUMPTION AND PRODUCTION

The data will be displayed through convenient and simple graphics.



DEVICES



1 Charging stations for electric cars

Ideal for charging electric vehicles in both residential and business contexts. Combined with the interface for Modbus systems, it is possible to monitor consumption, switching on and off.



1 Actuator and measuring socket with shuko plug

It's able to measure the energy consumption of the appliance or connected device and allows you to turn off or turn on the user remotely.



2 Built-in actuator and meter

Installed on an electric line, it provides consumption data of the same and allows you to remotely "disconnect and reattach it".



3 Inductive single-phase / three-phase energy meter

Inductively measures, therefore without modifying the existing electrical system, the energy detected (consumed or produced).



4 3 kW PV Balancer control unit

Ideal if you have a photovoltaic system. It will be possible to heat the resistance of a water accumulator in a proportional manner and only according to the energy available from the photovoltaic system.



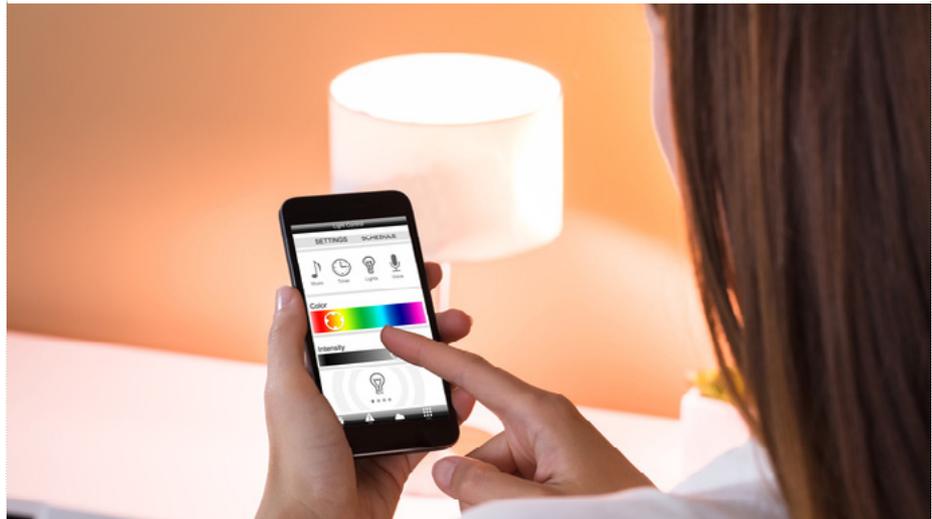
5 Meter with LED sensor for electronic meters

It measures, through an optical sensor, the electricity consumption of the electronic meters.



Turn your utilities on and off remotely

The **MyVirtuoso Home system** allows you to remotely control the switching on, switching off and energy absorption of your electrical utilities. Create the scenes and automations that best suit your needs: with the actuators you can automatically activate the electrical utilities and adjust the lighting to make your home more functional and comfortable at any time of the day.



DEVICES



**1 Dimmer socket**

By connecting a device (for example a lamp) to this socket, it will be possible to modulate its light intensity.



**2 Built-in dimmer**

Installed on a line dedicated to lighting, it allows you to vary the power and intensity of light of the chandeliers according to your tastes, saving energy and making the environment more welcoming.



**3 RGB lamp**

It can be turned on, off and adjusted in brightness and color directly from the App. Scenes can be created with more than 16 million colors, making any environment unique.



**4 Module with 6 digital inputs and 6 NO / NC outputs**

Equipped with 6 digital inputs and 6 dry contact relay outputs, the device is capable of handling 16A loads and can be connected to switches, buttons, lights and door / window contacts.



**5 Brightness sensor with display**

It detects the ambient brightness, and if required by a home automation rule, it allows the automatic management of the lighting.



AUTOMATION

**7:15 AM**

The shutters are raised automatically and the lights go out.

**8:00 AM**

The family leaves the house, the alarm goes on and the heating turns off.



## Let your home take care of you

Automated control of the home is one of the focal points of home automation, capable of optimizing the comfort and functionality of a modern home. With the actuators for electric motors you can automate the opening and closing of shutters, curtains and gates, activate the irrigation system, or operate any user, managing everything comfortably from your smartphone or tablet.



## DEVICES



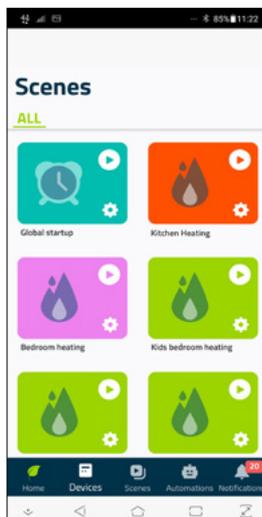
### 1 Sensor for N/O and N/C contacts

It allows the integration and control of devices equipped with N/O (normally open) and N/C (normally closed) contacts.

## ON THE APP

### SCENARIOS

It will be possible to create scenes able to satisfy your specific needs.



### 2 Wall display

Wall display for using the MyVirtuoso Home App. It is equipped with an 8" display and wireless connection.



### 3 Motor actuator

It allows you to automate all those devices for which phase inversion is required, such as awnings, shutters and roller shutters.



### 4 Control for water or gas valves

Manages the opening and /or closing of the ball valves. The command is essential in the event of gas or water leaks and can also be used for irrigation control.

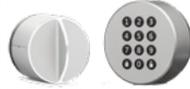


## Environment safety

The **MyVirtuoso Home** line of devices offers a wide choice of solutions designed to protect loved ones and your home both against internal risks, such as gas leaks or flooding, and from threats coming from outside, thanks to presence sensors, sirens and cameras. It will also be possible to monitor, with the MyWatch watch, the state of health and position of the wearer.



### DEVICES FOR CONTROL, DETECTION AND ALARM



#### 1 Smart lock MyLock

Manages the opening of doors, provides permanent or temporary access. Access codes are created on the smart keypad.



#### 2 Gas detector

Device that emits an acoustic signal and immediately sends an alarm notification to the App if gas is detected in the environment.



#### 3 Carbon monoxide detector

Device that emits an acoustic signal and sends an alarm notification to the App if a high CO value is detected.



#### 4 Smart watch MyWatch

Practical and elegant smartwatch, it is able to monitor the health of the wearer, as well as provide data on its geolocation.



#### 5 Flood detector

Device that emits an acoustic signal and sends an alarm notification to the App in case of flooding.



### AUTOMATION



#### 8:00 AM

The boys go to school and with a personal access code they close the front door. Parents can check that the closures are correct.

## THE ANTI-INTRUSION DEVICES



### 1 Door and window sensor

It detects the opening/closing of a door or a window. It is also possible to implement a home automation rule that leads to the implementation of other devices.



### 2 Shock and vibration detector

This device detects vibration caused by attempting to force or tamper with doors or windows.



### 3 Indoor siren

Combined with detection sensors, it signals any alarms. Equipped with visual and sound signal and internal battery.



### 4 Outdoor siren with solar panel

Combined with detection sensors, it signals any alarms. Equipped with visual and sound signal.



### 5 IR barrier for outdoors

Formed by a transmitter and a receiver. The alarm is generated on simultaneous interruption of all the beams of the barrier.



### 6 Wireless indoor HD IP camera

Piccola e pratica IPcam in alta risoluzione, è perfetta per monitorare una postazione fissa.



### 7 HD wireless indoor pivoting IP camera

For indoor video surveillance, from the App it is possible to direct the display, thus increasing control over the environment in which it is located.



### 8 Full HD wireless indoor pivoting IP camera

Equipped with high resolution, this camera is perfect for monitoring large environments, thanks also to the possibility of directing it via the App.



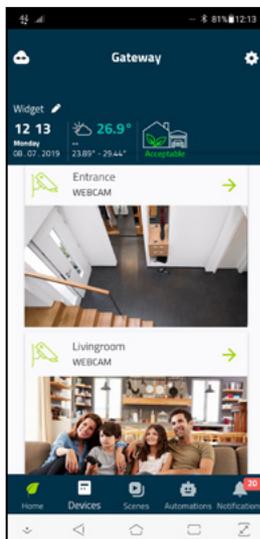
### 9 Outdoor HD IP camera with 20m illuminator range

Designed for outdoor positioning, the high resolution and range of the IR illuminators allow perfect visibility even in low light.

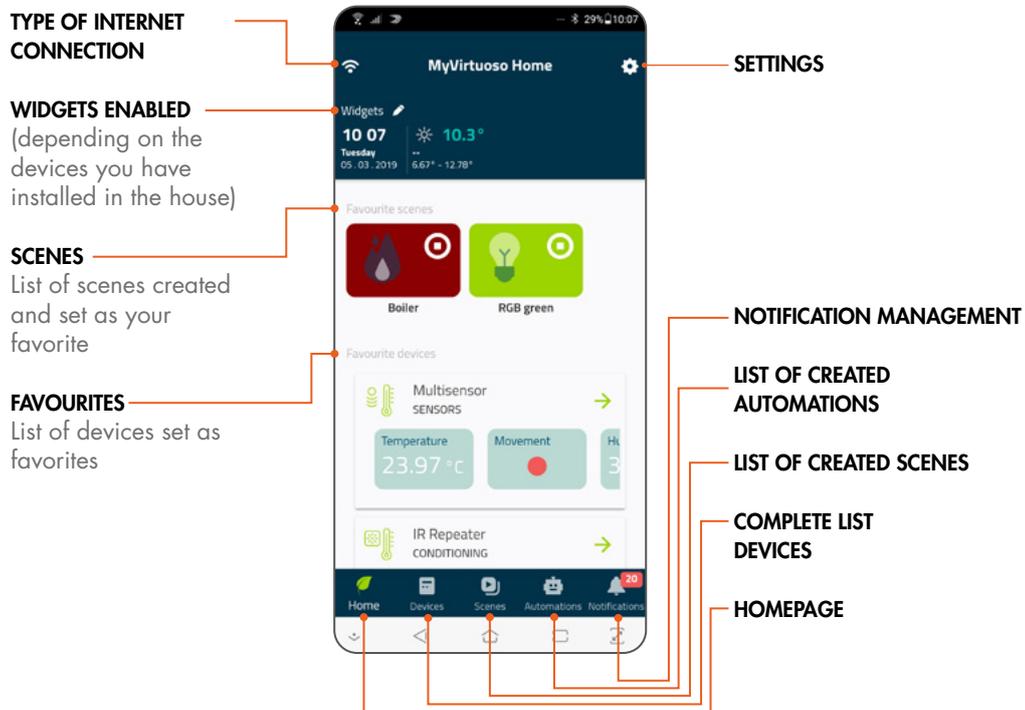
## ON THE APP

### CAMERAS

From the App it will be possible to view the cameras and receive notifications in case of risks detected by the sensors.



# Control of your home in the palm of your hand



The free **MyVirtuoso Home App**, available for Android and iOS devices, allows the management and control of the system in a simple and intuitive way. All the devices installed in your home will be available and controllable from a single interface. Create scenes and automations to make your home take care of you. Consult the graphs to constantly monitor the data collected from your installed devices.

## TRY FIRST, THEN BUY!

Download the **free MyVirtuoso Home App** on your smartphone and **activate the DEMO MODE**: you can browse the App features and find out how easily MyVirtuoso Home could change your way of living and saving!



**SmartDHOME**  
www.smartdhome.com

### SMARTDHOME SRL

Viale Longarone, 35 - 20058 Zibido San Giacomo (MILAN, ITALY)  
Tel. 02 488863.1 - info@smartdhome.com  
**NUMERO VERDE 800-020346**

Smartdhome Srl reserves the right to modify the technical aspects without any notification. All information contained in this document is the property of Smartdhome Srl and cannot be used without written consent. Code 40030-XXXX-XX printed in Italy 07-2022. The images inserted are for illustrative purposes only, the products may undergo changes.