SMART HOME
by Duemmegi

Live your home the smart way

SMART HOME

by Duemmegi

1992 - 2022

30 YEARS ANNIVERSARY

The Advantages of a Smart Home

Living in a **smart home** is all about convenience, security, and energy saving. It allows you to manage, even remotely, indoor and outdoor systems such as lights, air conditioning, video surveillance, theft alarms, as well as irrigation, gate opening, and much more. It means to create the best scenarios for adapting home automation to your needs.

However, the efficient implementation of a home automation system requires **specialized competences** and technicians.

Choose the Future • Smart Starts Here

Our goal is to **simplify** home life by improving **comfort** for residents and providing enhanced well-being.

GUARANTEED RELIABILITY

Duemmegi stands for guaranteed quality: **only 0.1%** of our products have been repaired under warranty in the past 6 years.

Smart Buildings

Duemmegi's wide range of **home automation** solutions makes buildings smarter and **future-proof**. Duemmegi solutions aim **to improve** comfort, safety, and energy efficiency, in addition to meeting all installation needs in residential housing.

Home automation technology
to improve the quality of life, and much more.

100% Made in Italy
Designed and manufactured in Italy

100% Italian Company
ISO-9001 Certified

Home Automation Functions

SERVICES

01. Home Automation Functions

The main purpose of **home automation functions** is to provide you with the right comfort and safety when you're home, and **to control** the main systems of your home (such as lights, roll up shutters, theft alarms, irrigation) when you're away. It also ensures **energy savings**.

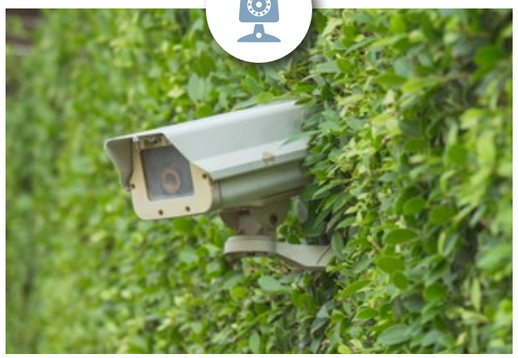
- **Comfort**.
- **Security**.
- **Energy Savings**.

The home automation functions for your smart home allow you to control, manage, and optimize a range of features related to the daily use of your home. Lights, heating, cameras, irrigation systems – it's all at your fingertips. Duemmegi has been active in the home automation industry since 1992, developing devices that let your home's electrical and electronic systems interact in order to make it more comfortable and safer while optimizing consumption.

Shutters and Blinds

Anti-intrusion

Cameras



Voice Assistant

Indoor and outdoor lighting

Irrigation

Temperature

Perfect Temperature without Waste

Duemmegi researches and develops home automation systems for climate control. Home comfort can be optimized by regulating **temperature and humidity**, even remotely via smartphone or tablet. Each zone can be individually adjusted using sensors located in every room.

Users can modify, locally or remotely, all operating parameters, set points, and timers to satisfy their preferences and needs. A home automation system also allows you to optimize the energy costs. This is key in properly combining comfort **with energy savings**.

- Are you about to leave the house? The system **automatically adjusts the temperature**, setting it to minimum consumption levels depending on the season.
- Do you want to control your spending? You can **monitor consumption** on a daily, monthly or annual basis.
- Do you have a second home? The system lets you **adjust the temperature remotely**. Forget about unnecessary waste or calling your neighbor before you leave to turn on the heat in your home!

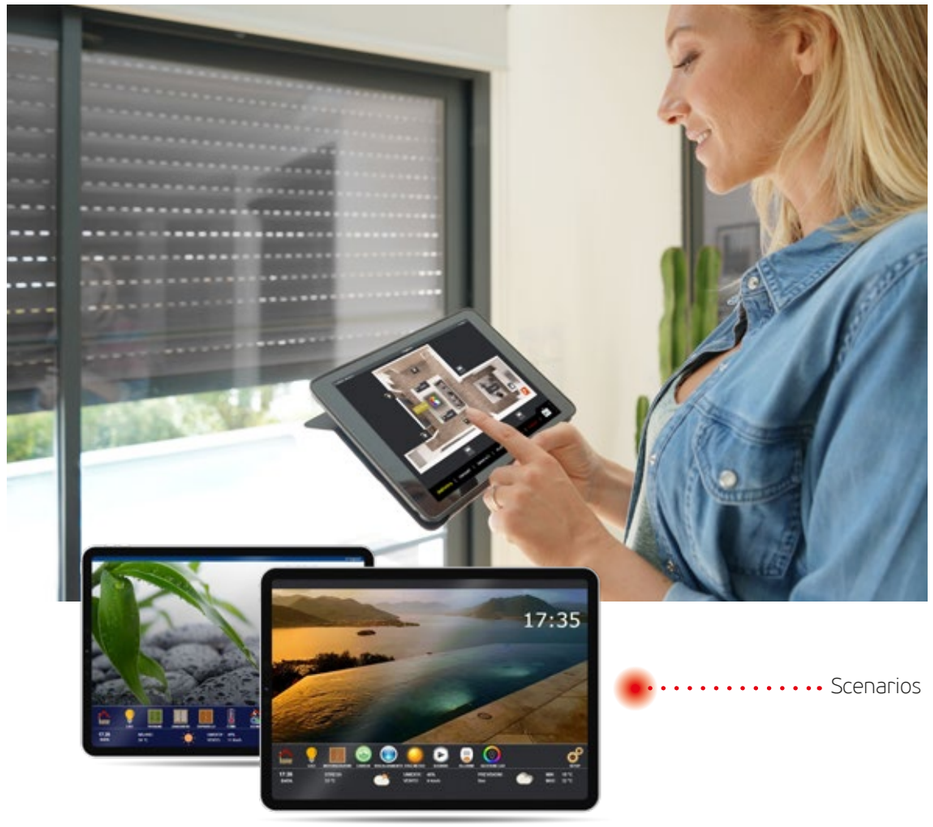
Temperature

Home Automation Scenarios: Maximum Flexibility

Scenarios are **pre-set configurations** that can be recreated with a simple tap of the control panel or the use of a smartphone command, without having to manually set a configuration each time.

- Would you like to enter your home with relaxing music, your ideal temperature and soft lights? You can create this scenario and activate it whenever you like.
- Do you want to wake up with the right mood, the theft alarm turned off, the shutters raised to the rising sun? You can create and personalize this scenario, and activate it every morning at the preset time.
- Do you love movies? Create the theater scenario: forget the 4 needed remote controls in your hand as you lower the blinds and create the right lighting. Configure a pre-set scenario and save it to your home automation system. You only need a touch to activate it, and your home theater system will be ready immediately.
- Are you leaving the house? Set the corresponding scenario, and the home automation system will lower the blinds, turn off the lights, shut off the gas, and turn on the perimeter theft alarm for you.

And the great thing is that **you can create the scenario you want**. You have maximum flexibility and creativity. Just find your ideal set-up and then save it. All you need to do to activate it up is a tap on your iGlass smart switches or send a command with your smartphone or tablet. Your home should be an easy environment to live in and manage. You no longer need a function? The great advantage of a smart home is that it can be reprogrammed without major interventions, as was instead the case in the past for a traditional system.



Scenarios

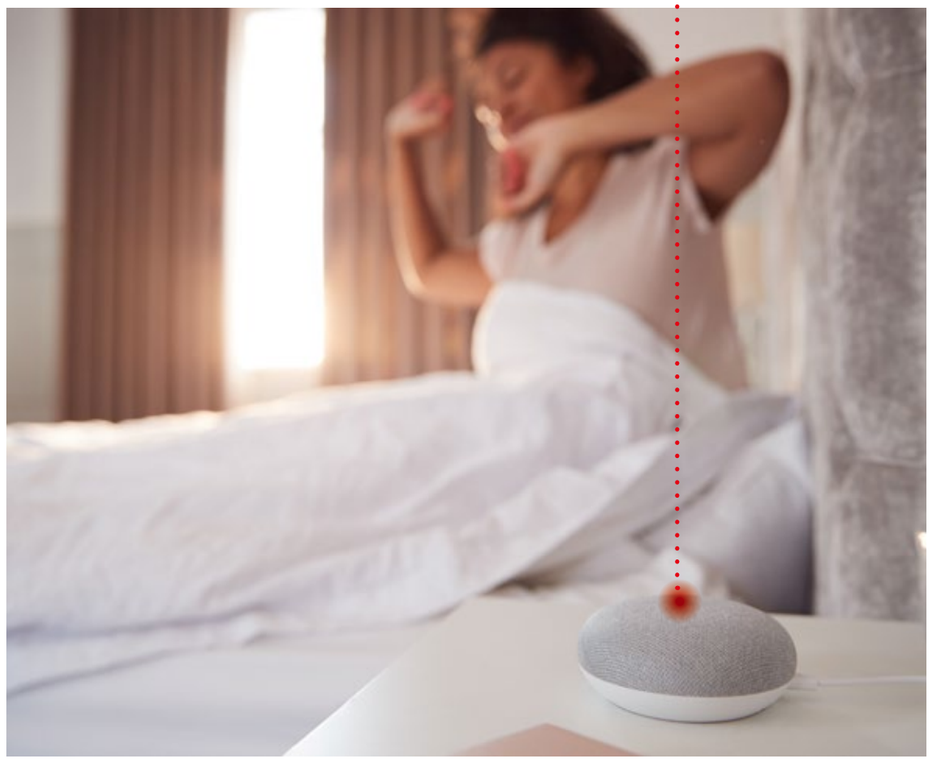
Talk to Your Home with the Voice Assistant

Duemmegi home automation systems feature an integrated voice assistant, so **you can communicate with your smart home** eliminating the need to touch a screen or press a button.

- Prefer an extra couple of degrees in the room? Just say so and the voice assistant will send the command to the temperature control.
- Want to dim the lights? No problem – you won't have to touch a thing. Just tell the voice assistant.
- Feel like listening to your favorite music while in the kitchen? Simply ask your built-in voice assistant.

The voice assistant is an invaluable aid, not just as a kitchen timer ... it helps you simplify a number of daily actions without any manual intervention, just as if you had an extra person ready to assist. It's hard to imagine a home without it!

Voice Assistant



Load Control: No More Surprise Blackouts

A load is a device that consumes electricity. A washing machine, a dishwasher, a hair dryer. How many loads can be turned on at the same time before an overload shut down? Load control helps you to avoid **temporary blackouts**.

The home automation system allows you to customize load control through special programming. The user can select a list of appliances (called sensitive loads) that the system will automatically turn off when the **power consumption threshold** is reached, preventing an overload shutdown.

When the needed capacity is available again, the system will reactivate loads in real time and in the same order of priority. You can also **force a manual control of loads**. Do you want the oven not to turn off under any circumstances because you are in the middled of baking something? The system will receive the command and, in case of overload, will disconnect the next appliance. You'll never be surprised by being in the dark again (except for externally occurring phenomena).

Load Control

Automatic Irrigation Systems: Well-Maintained Gardens and Terraces without Worries

A smart, automatic irrigation system like the one Duemmegi home automation can provide lets you **set the watering time**. Not only that. Is it raining when the system is supposed to start?

The Duemmegi **weather station** detects wind, sunshine, and rain and, if necessary, can turn off the flow of water. In this way you will save water without making your plants suffer.

Irrigation

02. The Aurora smart switches

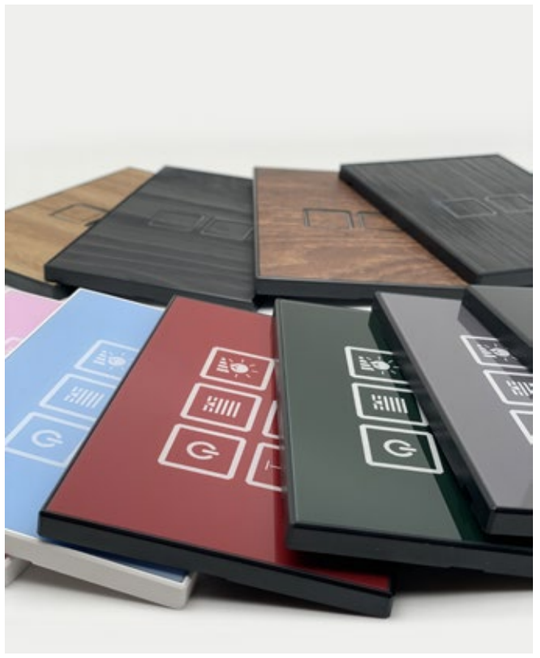
The **Aurora smart switches** serve as your command center. With them, you can control and manage your home automation system with a simple touch. Aurora home automation smart switches offer the **latest technology** in the smart home sector combined with total customization of aesthetic finishes, thanks to the keyboard completely separable from the electronics.

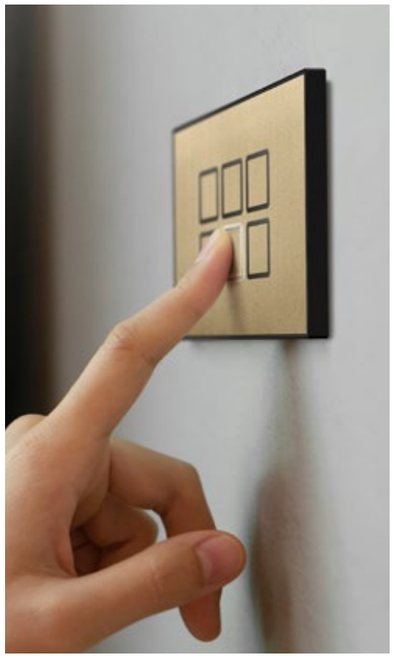
- **Few millimeters thick.**
- **Capacitive touch technology**.
- **Total customization**.

The Aurora smart switches by Duemmegi offer the latest technology in the smart home sector, coupled with **complete customization of aesthetic finishes**. Forget about bulky systems and control mechanisms that don't seamlessly integrate into your home's interiors: Aurora switches feature a keyboard entirely separable from the electronics.

This marks a true revolution, allowing you to always have a personalized, refined smart switch perfectly integrated into its hosting environment. Furthermore, it comes delivered with coordinated frames in matching finishes for power outlets and thermostat.

Should you wish **to refresh your home's interiors someday**, you can easily update your smart switch by just changing the keyboard while keeping the electronic system intact. This approach saves you both time and money, with no limitations on **future customization** possibilities. During your next interior redesign, a simple switch of finishes to match the new ambiance will suffice.





All the technology of your home in a few millimeters thickness

Duemmegi's Aurora smart switches condense the most advanced technology in home automation into **a few millimeters of thickness**. This allows you to have your home always under control, enabling discreet and straightforward command at any time.
Among all smart home devices, the smart switch serves as a true command center.

- **Fully programmable**: Aurora can be completely programmed, tailored to your needs. This allows you to define the functions accessible from each individual keyboard, the number of icons, and their style. This ensures you always have personalized control over the entire home automation system in your house.

- **Intuitive interface**: Aurora can be customized with 2, 4, or 6 buttons. Clear and customizable icons in the graphics simplify the control of automations and pre-set scenarios, making your home automation system accessible with a simple touch.

- **Advanced technology at your fingertips**: The advanced technology used in the new Aurora smart switches includes capacitive touch and proximity sensors. This means that a simple touch on the keyboard is all it takes to activate automations and scenarios, adding a touch of elegance and exclusivity to your smart home.

i n d o o r

Managing your home has never been easier, thanks to Aurora smart switches

The role of smart switches in a home automation system is **to simplify your life**. They represent an advanced solution for intelligent and personalized home management, offering a **comfortable experience** and **optimal control**.
Aurora switches make it easy to manage the internal and external systems of your smart home:

- Lighting

- Climate control

- Shutters/Blinds

- ...and much more

You can also activate custom scenarios, themed environments with coordinated lights and sounds for your relaxation moments or morning wake-up, and advanced security modes for when you leave home or go to sleep. The smart switch contributes to enhancing your comfort with elegance, practicality, and **extreme ease of use**.

o u t d o o r

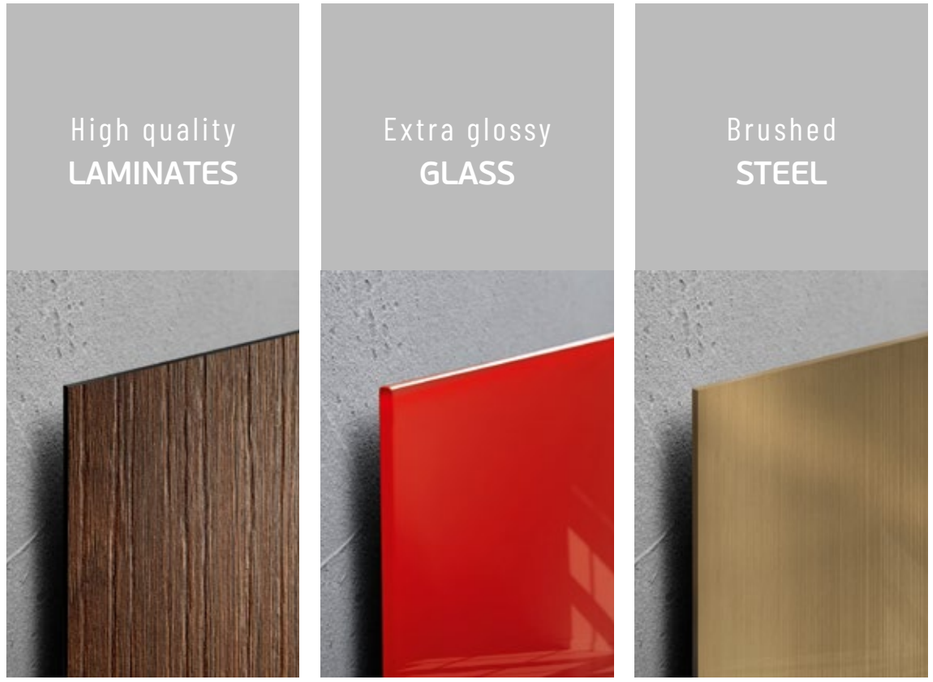
Maximum customization: Your unique taste, in all the combinations you desire

Essential in the most cutting-edge home automation systems, Aurora smart switches are crafted from **high-quality materials** with removable and **renewable finishes over time**, presenting themselves as refined design objects. Each switch can be **fully customized** in finish, colors, number and type of icons, and lighting combinations.

Regarding **finishes**, you can choose from:

- **High-quality laminates**: versatile and durable, adapting to various tastes and furniture styles. Offered in wood-effect with pleasant tactile relief, medium-grain canvas effect, and ultra-smooth classic laminate with a modern look, in different contemporary shades.
- **Tempered glass**: impact-resistant, elegant, and customizable in hundreds of Pantone colors.
- **Brushed steel**: understated and essential, simultaneously solid and refined. Resistant, easy to clean and maintain, with vertical brushing that streamlines the switch, making its presence even more discreet.

Regarding icons, you can choose from various tens of stylish icons available if you opt for the brushed steel finish, or you can even customize their design if you choose the tempered glass finish. In this case, providing the vector file during the reservation process is sufficient. This way, each switch will be **truly one-of-a-kind**.



Complete Freedom in Programming: Color, Backlight, and Feedback Light

For **lighting combinations**, you have maximum freedom of choice, as Aurora smart switches are equipped with various RGBW LEDs.

- **Backlighting:** The button frame can illuminate in the desired color when activated. Even when the keyboard is at rest, you can decide on the backlight color (e.g., white) that can change to another color (e.g., red) as soon as you press a button. The pressed button can blink while executing the command or remain steady, always to your liking.
- **Feedback light:** Provides immediate visual feedback after pressing a button. Naturally, you can choose the color and adjust it to your liking on each button of the switch.
- **Luminous glow.** Aurora smart switches feature a recess where two RGBW LEDs are housed on each side. This allows for generating a luminous glow on the wall or surface they are mounted on. You can match it with the color of the button backlight, creating a suggestive and classy atmosphere, or associate it with a specific scenario. For example, you can set an intense red glow when the perimeter alarm of your home is active.

The **flexibility** in finishes and colors, combined with the resistance and elegance of the materials used, positions the Aurora switch at the forefront of home automation solutions, contributing to the creation of sophisticated and functional environments.

03. Your Home on Smartphone and Tablet

Thanks to Duemmegi's Home Automation, you're always connected to your **smart home**. Even when you're away. Through customized graphics you have **total control** of all functions. Activate and deactivate the alarm system and air conditioning, dim the lights, and much more!

- **Customized Graphics**.
- **Total Control**.
- **Your Connected Home Always at Your Fingertips**.

Your Home on Smartphone and Tablet

A smart home implemented with a Duemmegi system can be **remote controlled**. You can easily operate your home, navigate between rooms and interact with the home automation system anytime and from **anywhere**.

Remote Control of Your Home? Thanks to Graphic Interfaces

Graphic interfaces allow you to control your home automation system with a wall-mounted touch screen or remotely via smartphone or tablet.

Using mobile devices, you have two solutions:

- A dedicated **App**, downloadable from the **Apple Store** or **Google Play** depending on the operating system of your smartphone or tablet. You will be provided with a standard graphic interface that is easy and intuitive to use. If you wish, you can also add a graphic plug-in to the app, which can be purchased separately, in order to get the floor plan interface.

- A customizable, purpose-built **WebApp** for your home automation system. This WebApp for the remote control of your smart home leverages the communication technology used in building automation applications. It is a professional system and is accessible from any kind of device (desktop or mobile) by simply typing in the assigned IP address on your browser. Highly secured and encrypted, it allows you to interact with your home from anywhere in the world - all you need is an internet connection. So, if you forget or misplace your smartphone, or if it is stolen, you'll never lose control of your automation. The second-level supervisory system (controllable with a graphic interface via WebApp) allows your home automation system to interact with third-party systems as well. This makes it possible for you to integrate your **alarm system**, air conditioner, and more into your smart home.

What can you Remotely Control to Quickly and Easily Manage Your Home

Through a remote control, you can control your home at any time, especially **when you're away**. In addition to being able to adjust lights and blinds, you can:

- Monitor indoor and outdoor areas covered by cameras.
- Check the anti-theft alarm through notifications and see what might have triggered a sensor.
- **Set the volumetric, perimeter or complete alarm**.
- Watch pets or your children while they're with the nanny in the house during your absence.

You'll also be able to:

- Activate and manage scenarios.
- Monitor your smart home automation and energy consumption on a daily, monthly and yearly basis.
- Control the **irrigation system**.

With the Duemmegi home automation system you can easily connect to your home and manage it even when you're not there. That's convenience.

Duemmegi home automation solutions integrate seamlessly with third-party systems to ensure your total security. If a break-in is attempted during the night, the home automation system will implement a series of countermeasures that go far beyond activating the alarm siren. For example, it can:

- Turn on the lights in the entire house or just one area.
- Display area where the alarm is coming from on your bedroom TV.
- Block access to the sleeping area.

There are endless possibilities for **customization**.

Duemmegi Smart Home Automation

Our long and proven **experience** gives us a competitive advantage. Our concept of home automation is simple: **technology serving people's needs**.
We have been designing home automation systems for 30 years, with a focus on customer service and making your home a better place to live. Home automation technology is a valuable asset with many available solutions. **Leveraging its strong expertise**, Duemmegi has created a "Smart Home" showroom, you can visit virtually too, where you can experience home automation scenarios and understand the practical use of the systems.

Duemmegi Benefits

Ease of Use

The home automation system is aimed at a broad consumer base having **no specialized expertise** in this technology, so it must be easy to use with a **user-friendly interface**. It also has to be safe and pose no danger to those who do not know or understand its capabilities.

Flexibility

An affordable home automation system must be **flexible** enough to meet every need, from the simplest to the most complex. Duemmegi technology helps the user by **simplifying** and **speeding** up many of the most common everyday tasks.

Reliability

The system **operates 24/7** and requires no special care. Even in the event of a failure, it has to be capable of providing the specific service or a similar one in the case of reduced operation. It's also capable of reporting failures and generating a report of any anomalies.

Long Life

The system is built keeping in mind that it will have to provide continuous **service over time**. It must be virtually fail-safe and easy to repair, even by unskilled personnel. In all cases, it should be possible to quickly return the system to operation.

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DUEMMEGI

HOME AND BUILDING AUTOMATION

30 YEARS ANNIVERSARY 1992 - 2022

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