



Simplify your life.

About us

Every day the complexity of modern life presents us a lot of problems that can be solved only through a multidisciplinary and integrated approach.

From this awareness, in 2016 was enstablished Energicamente, innovative Italian start-up, working union of professionals from various sectors, convinced that the right key for excellence is the teamwork approach.

The multidisciplinary nature of the professionals makes it possible to face, analyze and solve problems of various kinds, in different areas and in an optimized way, offering the customer innovative, sustainable and safe solutions.

Primarily, Energeticamente deals with research and development in the Hi-Tech, energy, ICT and Telecommunications fields.

In particular, the company is currently involved in different projects of embedded electronics applied to home automation, electro-medical and chemical-pharmaceutical sectors.

About the green energy sector, Energicamente is business partner of SES - Self Empowerment System, the first national network of fast charging stations for electric vehicles.

By joining the SES network, Energicamente shape up to be an Electric Mobility Specialist.

Finally, the company takes care of the supply and installation of photovoltaic systems, confirming the energetically sustainable vocation of Energicamente.

Energicamente company holds a registered office in Rome, Via Bradano, 3c - 00199 and an operational headquarters in Favara (AG), Via Jugoslavia, 15 - 92026.





Team

FIGURES INVOLVED IN RESEARCH & DEVELOPMENT PHASE

The figures currently operating are the CEO, Di ego Mammo Zagarella, as well as Project Manager of the home automation project financed by Smart & Start Italia; the technical director, Pasquale Alba, the head of the company's hardware development; the software engineer and ICT specialist Alfredo Silvano.

These three figures are currently the most involved in the first phase of research and development, in fact the company uses other professionals and collaborators, added value to the company knowhow.





VISION

Create the future living the present
Create the future living the present: this is the vision that inspire
Energicamente.

There is an effort of foresight on each project, looking beyond to a world made of connection networks, in which the physical distance is not an obstacle to the diffusion of culture and information.

For this reason Energicamente wants to be active part of the actual changing, doing the own work like a means aimed to a better world.

We have decided to defy the brain drain remaining firmly rooted in our territorial roots, our vision also aims to export our smart solutions to new boundaries, promoting our talent entirely made in the south!

VALUES

Our behavior

FOCUS ON OUR CUSTOMER: Energicamente is customer oriented, proponing solutions with the best cost-benefit ratio

TEAM SPIRIT: union is strength and Energeticamente relies on collective genius

•PASSION: the dedication and the desire to translate ideas into concrete projects testify to the love for our work.

INNOVATION AND SUSTAINABILITY: Energicamente prerogatives, are also the key points of each project

OBJECTIVES

Partnership

Energicamente, according to his value of knowledge sharing, propose to develop the projects through business an industrial partnership which could guarantee the resources – material, immaterial and human- necessary to fast growth in the relevant sector.





Our mission.



MISSION

Innovative solutions for sostainable world

The innovative start up Energicamente aims to create highly technological products and become an authoritative voice in the world of automatization and sustainable energy.

The company mission sees a strong commitment to concretizing ideas and intuitions, providing a multidisciplinary and integrated approach to the challenges of this era.

From home automation, to the medical sector to environmental sustainability, Energicamente, thanks to the high degree of specialization and professional maturity of its team, is able to offer the most innovative and up-to-date solutions that enhance the heritage.



The know-how of the start-up lies in the hardware and software competence that allows the creation of cutting-edge and technologically innovative solutions. Energicamente offers to individuals, companies and public institutions, services of planning, realization and assistance in the following sectors:

WHAT WE DO

Our know how



Automation & Remote control

- Building and industrial automation
 Remote control technological systems (water systems, renewable energies, etc)
 - Home automation systems



ICT System & Cloud

- Networks wired in copper, fiber, wireless and radio links
- Local and cloud data infrastructures Virtualized servers
 - Document dematerialization and services
 - Software development
 - Database management
 - Traditional telephony and VoIP



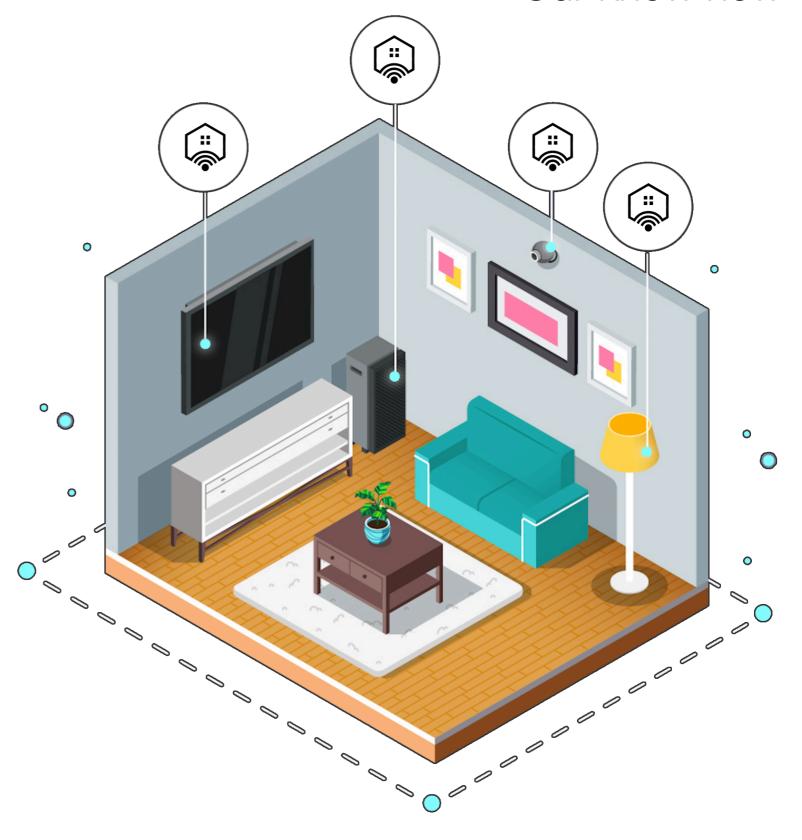
Energy & Power Generation

- Energy saving solutions
- Renewable energy plants (photovoltaic, wind, pyrogasification, etc.)
 - Adjustments to CEI 016 and CEI 021 all editions
 - Autonomous and accumulation energy systems



IOT electronic equipment

- Electromedical equipment (iontophoresis, laser, radio, etc.)
 - Environmental and structural monitoring systems
- High frequency and high resolution data acquisition systems
- Design, construction and repair of electronic equipment





DOMOGEAR

MAKE YOUR SPACE A PERFECT MECHANISM

Created and projected by the Energicamente team, the home automation system is currently in its patent pending phase.

The core idea projects the development of a wireless domotic system easy to install, programme and use, ideal as retrofit for the preexistent traditional systems which can be, without any difficulties and at reasonable costs, converted into remote-controllable automated installations.



at home.





Waking up

The shutters roll up and the speakers start playing the music of your liking. In the kitchen, the coffee machine starts working.



Living areas

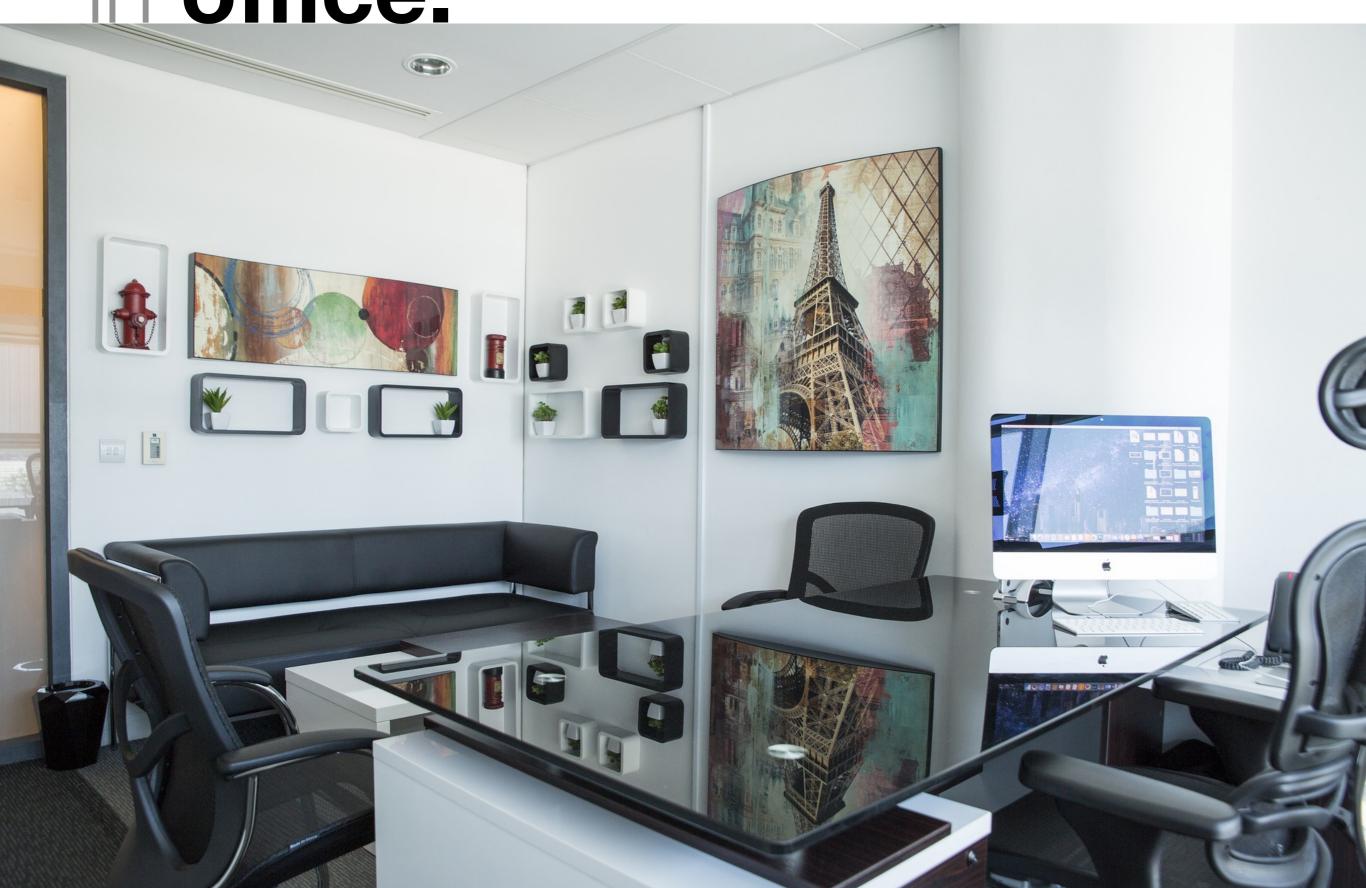
Depending on your needs, the lights can be controlled and set.



Movie night

Mood lighting and blinds down, while TV and audio systems switch on.

in office.





Happy Monday

The burglar alarm goes off, the lights switch on and the blinds raise. By setting the working time on your arrival, to ensure your office is at the ideal temperature.



Meeting

The shutters roll down and the main lights switch off-- the best scenario for screen projections.



Take a break

Thanks to a remote control, the coffee machine switches on. Lights can be temporarily switched off for a higher energy efficiency.





Enhancement

Innovating lighting and surveillance systems, easily integrated with the pre-existing ones, make historic-artistic heritage sites more accessible through nonintrusive works.



Exhibition set up

Through the lighting design, fully reversible artistic installations and sets can be created.



Energy efficiency

The energy consumption of the building is constantly monitored, in order to improve its energy performance.



Products

Modules

2 2 0 0 1 1 1 8 0





DUO Maxima

Home appliances power supply (washing machines, water heater, oven, air-conditioning system etc.)



CLAVES Motor

Control of motorized hopper windows or low voltage actuators.



LUX Minima

LUX Brightness and colour setting for LED strip lights with 4 colours.



MENSOR

MENSOR Power and energy consumption measurement unit for any electronic device connected to the system.



SENSUM

Environmental parameters detection and regulation (pir sensors, anemometer, temperature probe, humidity)



DOMOGEAR

DUO Minima

What is it?

DUO Minima is a compact home automation device suitable to control the power supply on two small power single-phase power lines. It can be used to control two independent small power loads or two electric heavy loads in combination with suitable relays. It can be integrated with other **DOMOGEAR** devices through Wi-fi connection, thus reducing wiring, structural works, time and costs. Easy and fast to configure, not requiring any further devices or training sessions.

DUO Minima is part of the **DOMOGEAR** products line.



#freedomotics



2 DUO Minima

Technical specifications	
Power supply	100240V AC 50-60Hz
No-load electric power consumption	0,45 W
Input lines	n. 2 push button controls or no-load mains voltage switch
Output lines	n. 2 8A continuous current, 20A peak current, solid-state lines and zero-crossing voltage, noiseless switching
Terminals	Screw terminal blocks, fit for cables up to 1.5mm ²
Functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wi-Fi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks.
Security	WPA2
Applications	Its main application is to control motorized blinds and rolling shutters. It could be also used to control two small power loads (lights, printers, television etc)
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	45x45x25 mm 30g
Temperature	-20+70° C (-4 +158° F) storage -10+70° C (14 +158° F) operating, RH 0-100% uncondensed.



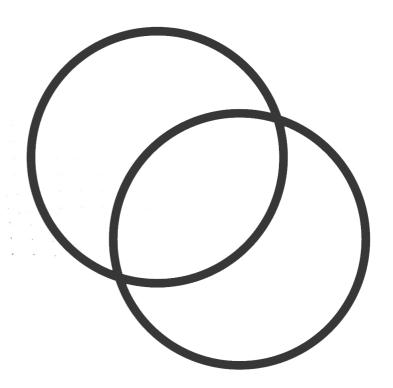


2 DUO Maxima

Technical specifications	
Power supply	100240V AC 50-60Hz
No-load electric power consumption	0,45 W
Input line	No.1 supply AC power line
Output lines	No.2 independent screw terminals outputs, isolated one another and from the device power supply. Technical specifications of each output:
Terminals	Device power supply: screw terminals, accept cables up to 1,5mm thick Power outputs: screw terminals, accept cables up to 2,5mm², reach 24A.
Functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wi-Fi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks.
Security	WPA2
Applications	Appliances (coffee machines, washing machines, switched sockets, dishwashers, air conditioners etc)
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	87,2x53,4x25 mm 50g
Temperature	-20+70° C (-4 +158° F)(storage) -10+70° C (14 +158° F) (operating), RH 0-100% uncondensed.



CLAVES Minima



What is it?

CLAVES Minima is a home automation device that makes smart every lock. It can be integrated with other **DOMOGEAR** devices through a Wi-fi connection, thus reducing wiring, structural works, time and costs. Easy and fast to programme, not requiring any further devices or training sessions.

CLAVES Minima is part of the DOMOGEAR products line.

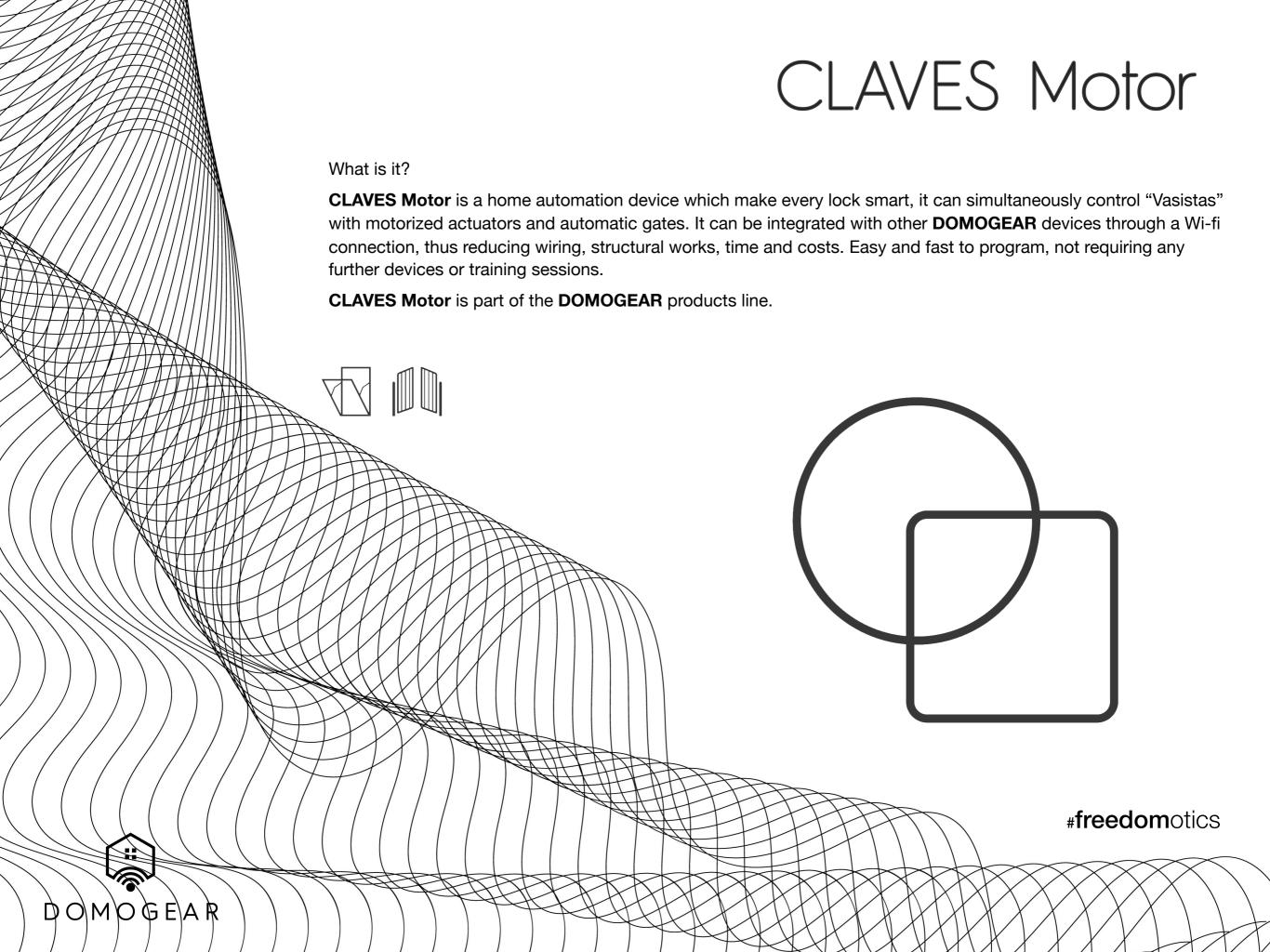




CLAVES Minima

Technical specifications	
Power supply	1224V CA 50-60Hz or 12-24 V CC
No-load electric power consumption	0,5W
Output lines	n. 2 Insulated solid-state relay from 12 VAC to 400V AC dry contact suitable to control 12 V AC/DC 24VAC/DC or 230V AC electric locks
Terminals	Screw terminals, fit for cables up to 1.5mm ²
Additional functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wifi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks.
Security	WPA2
Applications	Access control functionality for B&Bs, garages, residential complexes, villas, private and public parking lots.
WI-FI Connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	57,2x44,4x19 mm 50g
Temperature	-20+70° C (-4 +158° F)(storage) -10+70° C (14 +158° F) (operating), RH 0-100% uncondensed.

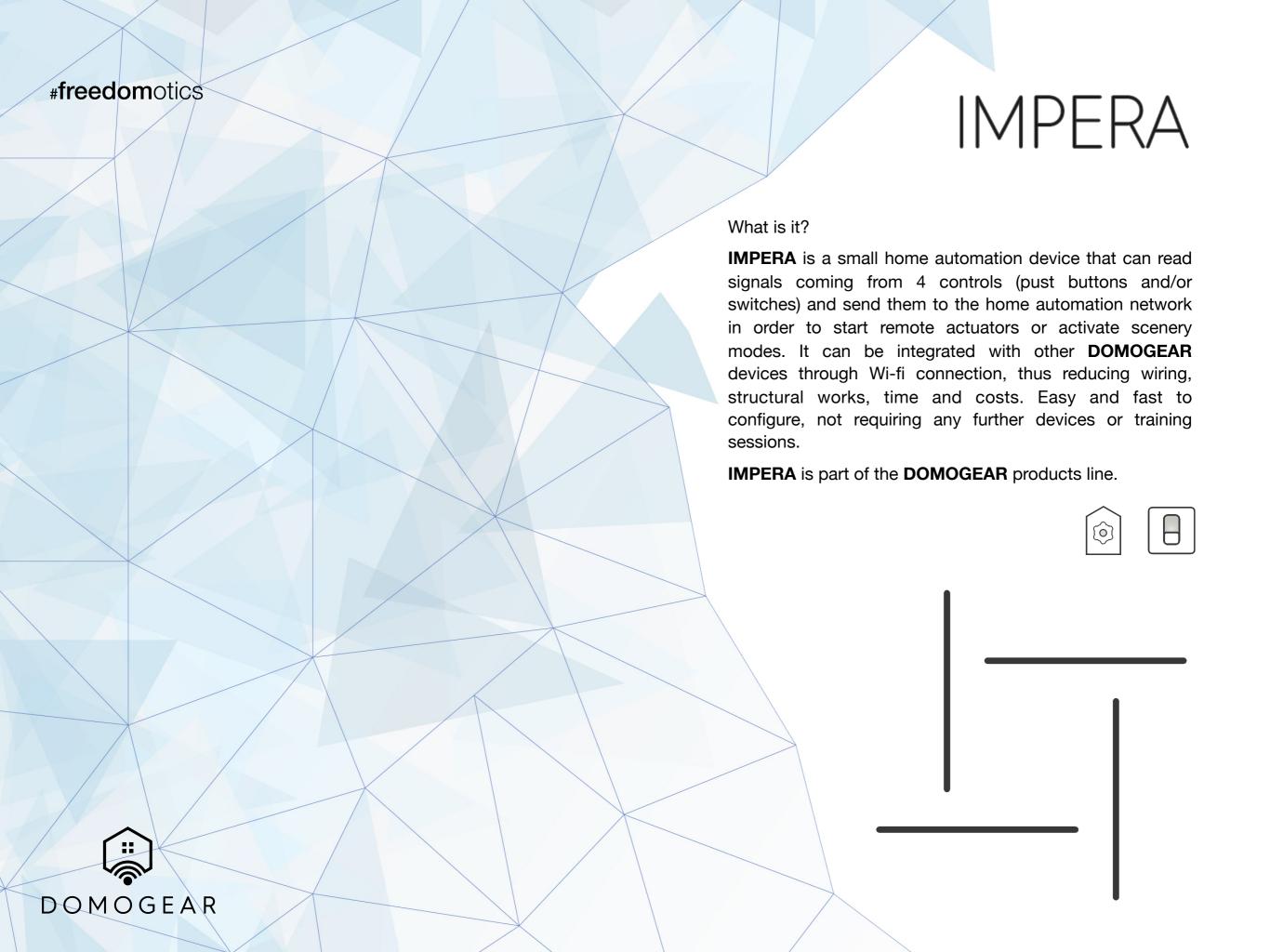






Technical specifications	
Power supply	12-24 V AC 50-60 Hz or 12-24 DC
No-load electric power consumption	0.45 W
Output lines	n. 2 Solid state relays 300mA Volt-free contact to control gate automation systems n. 1 400V 8A Volt-free contact to control 230V AC electric locks or a light n.1 multifunctional advanced output to: control motors and DC 12V - 24V linear actuators switching back and forth with overload monitoring function. control 12V AC / 12V DC/ 24V AC electric locks
Terminals	Screw terminals, fit for cables up to 2.5mm ²
Additional functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wifi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks.
Security	WPA2
Applications	Access control functionality for B&Bs, garages, residential complexes, villas, private and public parking lots, hopper windows, linear actuators, air intakes, motorized blinds.
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	88x54x25 mm 50g
Temperature	-20+70° C (-4 +158° F)(storage) -10+70° C (14 +158° F) (operating), RH 0-100% uncondensed.







Technical specifications	
Power supply	100240V AC 50-60Hz
No-load electric power consumption	0,45 W
Input line	n. 4 universal inputs at mains voltage level
Terminals	Screw terminals, fit cables up to 1.5 mm ²
Additional functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wifi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks.
Security	WPA2
Applications	Used in combination with legacy buttons and switches, IMPERA turns them into domotic controls.
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Size and weight	47x47x18, mm 30g suitable for fitting in boxes 503 and even smaller ones together with switches
Temperature	-20+70° C (-4 +158° F)(storage) -10+70° C (14 +158° F)(operating), RH 0-100% uncondensed.

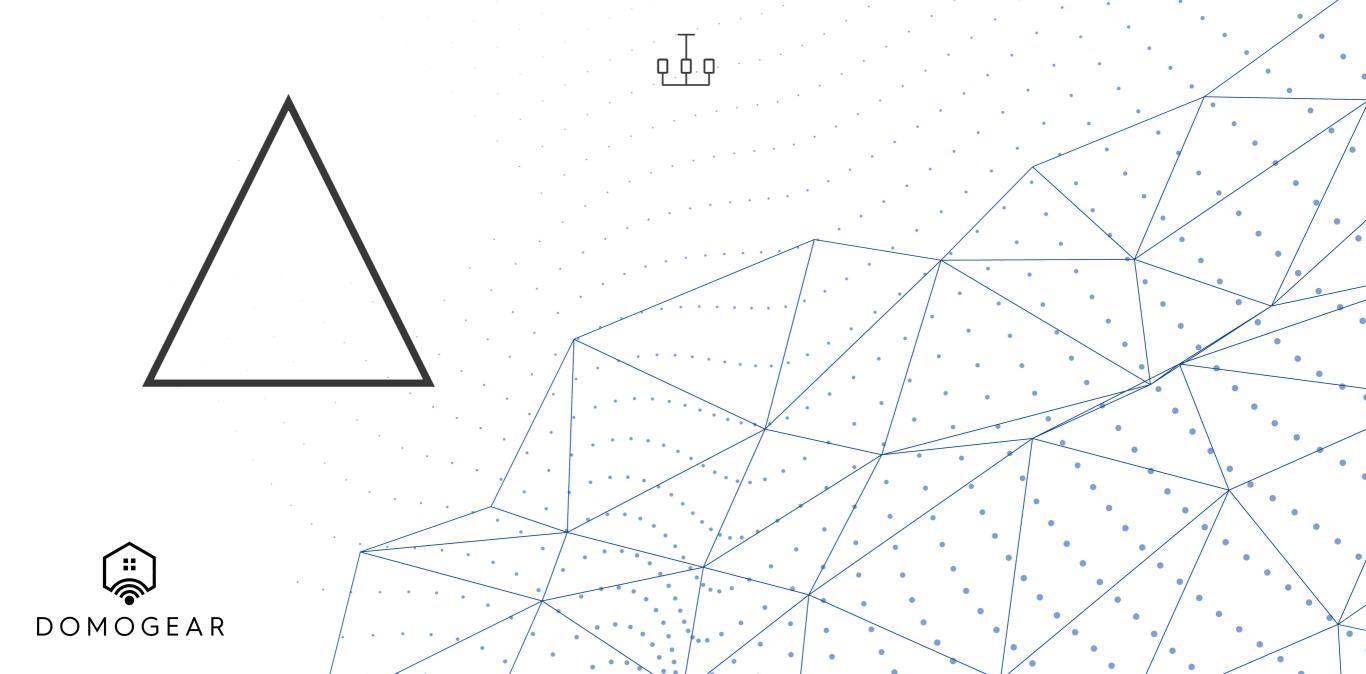


LUX Minima

What is it?

LUX Minima is a home automation control device suitable to set the brightness and color of 4 colors LED light strips. It can be integrated with other **DOMOGEAR** devices through Wi-Fi connection, thus reducing wiring, structural works, time and costs. Easy and fast to configure, without requiring any further devices or training sessions.

LUX Minima is part of the **DOMOGEAR** products line.





Technical specifications	
Power supply	1224V AC 50-60Hz
No-load electric power consumption	0,1 A
Output lines	N.4 outputs to control 4 colors Common Anode RGBA LED strip lights
Output lines	Power: up to 1,4A per color
Terminals	Screw terminals, fit for cables up to 1.5mm ²
Functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wi-Fi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks
Security	WPA2
Applications	Interior lighting with single small RGBA-type LED strip
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	45x57x19 mm 30g
Temperature	-20+70° C (-4 +158° F)(storage) -10+70° C (14 +158° F) (operating), RH 0-100% uncondensed.

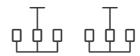


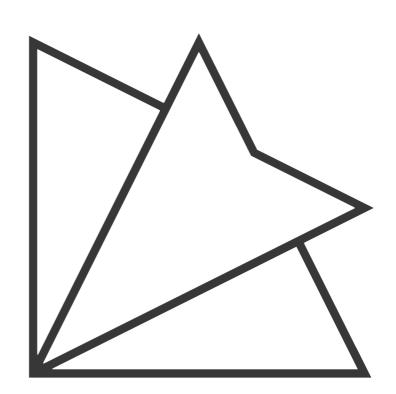
LUX Maxima

What is it?

LUX Maxima is a home automation device controlling the power supply of 2 indipendent high current RGBAW (red-green-blue- amber- cold white) LED strip lights. It can be integrated with other **DOMOGEAR** devices through Wi-fi connection, thus reducing wiring, structural works, time and costs. Easy and fast to program, not requiring any further devices or training sessions.

LUX Maxima is part of the **DOMOGEAR** products line.











Technical specifications	
Power supply	12 to 24V DC Power to be chosen on the base of the output load.
No-load electric power consumption	2,4 W
Input line	12 to 24V DC terminals for external power supply
Output lines	n. 2 set of common anode outputs suitable for RGBAW LED. Each output is provided with a 46V peak current power transistor and connection to load is made up of 2 series of 6 screw terminals. The top total power is limited by external thermal conditions.
Terminals	Power supply & Output: screw terminals, fit for cables section up to 2,5mm ^{2,} 24A peak current.
Additional functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wifi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks.
Security	WPA2
Applications	Interior lighting with LED strips, artistic lighting with color LED strips for shop windows, signs, discos, pubs, etc.
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	87,2x53,4x25 mm 50g
Temperature	-20+70° C (-4 +158° F)(storage) -10+70° C (14 +158° F) (operating), RH 0-100% uncondensed

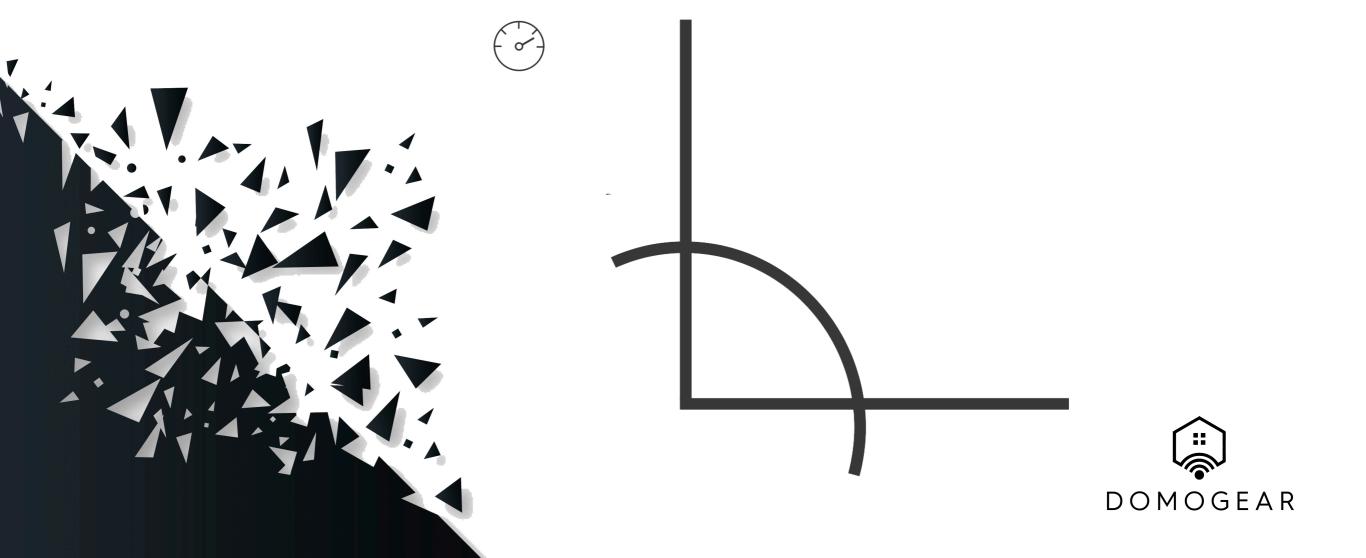


MENSOR

What is it?

MENSOR is a home automation device which measure the power and the electrical energy of two independent single-phase power lines. It can be integrated with other **DOMOGEAR** devices through Wi-fi connection, thus reducing wiring, structural works, time and costs. Easy and fast to program, it does not require any further device nor training sessions.

MENSOR is part of the **DOMOGEAR** products line.





Technical specifications	
Power supply	100240V AC 50-60Hz
No-load electric power consumption	0,45 W
Supply line	n.1 supply line, 36A maximum total current (total for all outputs)
Output lines	n. 2 lines, each 20A maximum current, each of them equipped with an independent power and energy meter
Terminals	Screw terminal blocks, fit for cables up to 4mm ²
Energy measurement lines	Lines 1 and 2 are equipped with instantaneous active power (kW), active energy (kWh) total (non-resettable) and partial (resettable). The energy measured is stored in non-volatile memories capable of retaining data even without electric power. All measurements can be displayed via pc, tablet, smartphone and on the Internet, via Cloud service.
Functions	Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule automatic tasks, such as load shedding for non-priority loads (water heaters, air conditioning systems, washiing machines) in case of temporary system overload and subsequent automatic restart on load shedding. It is possible to visualize charts displaying the profiles of the energy absorbed on a daily, weekly, monthly, annual basis.
Security	WPA2
Applications	Control of consumption and energy efficiency in domestic and commercial environments (like supermarket refrigerated counters)
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	110x36x62 mm 50g modular container for DIN rail Omega 2 modules that can be secured on base plate
Temperature	-20+70° C (-4 +158° F) storage -10+70° C (14 +158° F) operating, RH 0-100% uncondensed.



OCTO Minima

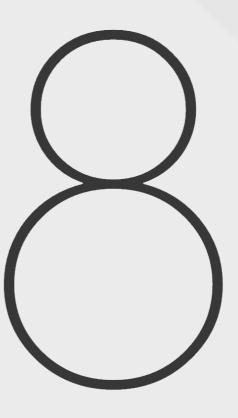
What is it?

OCTO Minima is a compact home automation device able to control the power supply of eight separate modest power single phase power lines. Particularly suitable to control up to 8 lighting points separately. It can be integrated with other **DOMOGEAR** devices through Wi-fi connection, thus reducing wiring, structural works, time and costs. Easy and fast to configure, without requiring any further devices or training sessions.

OCTO Minima is part of the DOMOGEAR products line









8 OCTO Minima

Technical specifications	
Power supply	100240V AC 50-60Hz
No-load electric power consumption	0,45 W
Input line	No.1 supply AC power line
Output lines	No.8 independent screw terminals outputs. Technical specifications of each output: made with one screw terminal on which is commuted one of two mains lines (L). The other pole should be connected to loads directly. maximum peak voltage up to 300V peak current up to 80A for 20ms maximum short-term current: 8A for 60s maximum continuous current: 8A with one output active maximum continuous total current on all outputs: 14A Conditions: 25°C ambient temperature, 230V AC mains voltage, device in a plastic junction box embedded in a plasterboard wall. The highest actual total power is limited by thermal conditions. The device is internally protected against overloads and overheatings. The upstream line must be protected against short-circuits by a 10A magnetic circuit breaker characteristic B or C, or a 10A gG fuse.
Terminals	Screw terminals, fit for cables up to 1.5mm ²
Functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wi-Fi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks.
Security	WPA2
Applications	Lighting and other small and medium electric loads in the domestic and tertiary sector
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	88x54x25 mm 50g
Temperature	-20+70° C (-4 +158° F)(storage) -10+70° C (14 +158° F) (operating), RH 0-100% uncondensed.



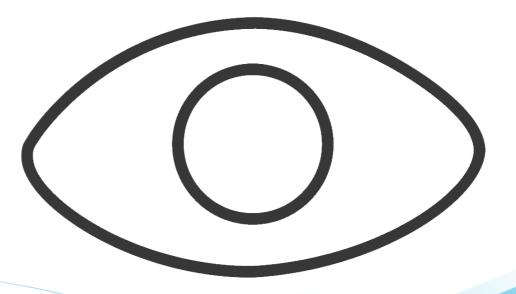
What is it?

SENSUM is a multisensor home automation device able to detect environmental parameters: temperature, humidity, illumination, wind speed, people's presence. It can be integrated with other **DOMOGEAR** devices through Wi-fi connection, thus reducing wiring, structural works, time and costs. Easy and fast to configure, without requiring further devices or training sessions.

SENSUM is part of the **DOMOGEAR** products line.









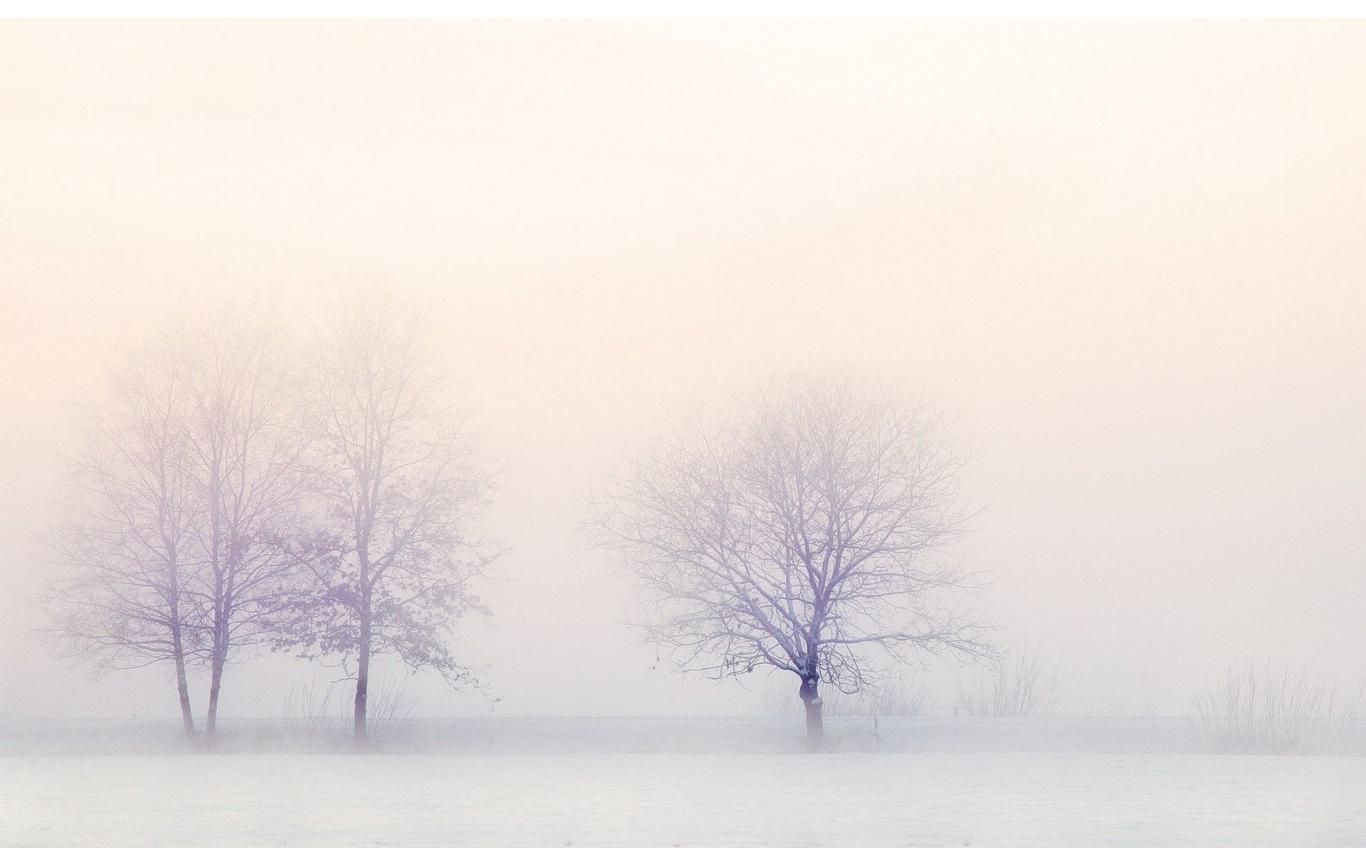


Technical specifications	
Power supply	100240V AC 50-60Hz
No-load electric power consumption	0,45 W
Input line	n.1 input for relative moisture and temperature sensor n.1 input for thermocouple temperature sensor n.3 inputs for infrared sensors to detect people's movement n.1 high-speed counter input for anemometer with pulse emitter system n.1 input for light sensor
Output lines	The SENSUM device is designed to be queried or transmit commands to other DOMOGEAR devices via Wi-Fi connection.
Terminals	Screw terminals, fit for cables up to 1.5mm ²
Additional functions	Controllable via Wi-fi connection from smartphone or tablet Apps or PCs connected to the same LAN network or high security WAN remote control. The device is designed to be controlled from other DOMOGEAR devices via Wi-Fi connection. Like every DOMOGEAR appliance, it can be operated via cloud support (Internet connection to a server) to be controlled/monitored remotely, and schedule time-based tasks
Security	WPA2
Applications	Wind speed measurement, motorized blind opening / closing, temperature and humidity recording, presence check, also suitable for industrial applications.
Wi-fi connection	802.11 b/g/n FCC ISM 2.4GHz
Protection degree	IP20
Size and weight	87,2x54x25 mm 50g
Temperature	-20+70° C (-4 +158°F) storage -10+70° C (14 +158°F) operating, RH 0-100% uncondensed.





#freedomotics





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