

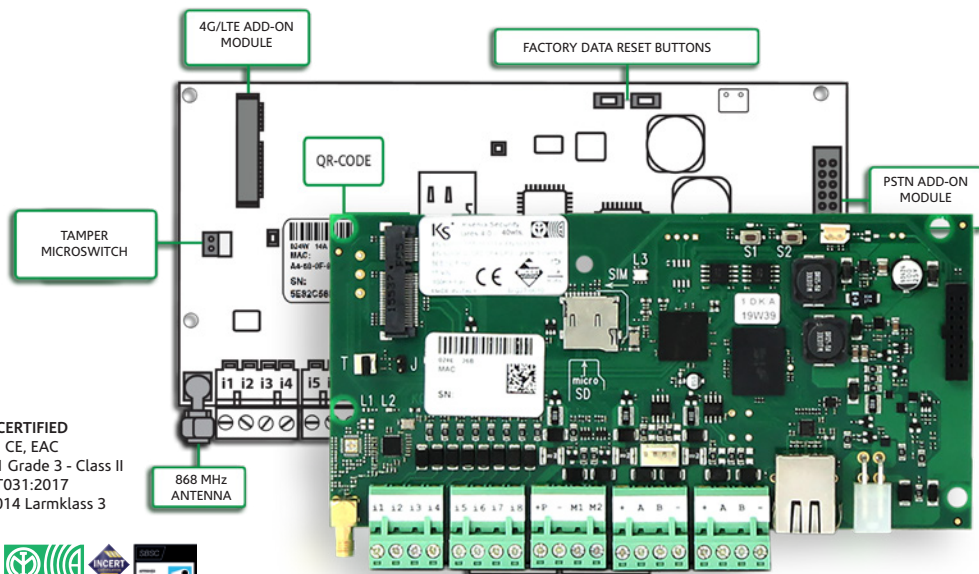


**Ksenia Security** develops and produces in Italy cutting-edge and technologically advanced solutions, suitable for any type of home, office or industrial environment.

The real revolution is the combination of a Security, Video Verification and Access Control system in a single control panel (called **lares 4.0**) including the entire Home Automation range.

At the same time, each product created embodies the company values: Innovation, Sustainability, Reliability and Design Made in Italy.

## lares 4.0 Control Panel



EASY  
INSTALLATION



EASY  
PROGRAMMING



APPLICATIONS



HYBRID SYSTEM



CERTIFIED  
CE, EAC  
EN50131 Grade 3 - Class II  
T031:2017  
SSF 1014 Larmklass 3



The core of the whole system is inside the hybrid IoT Platform **lares 4.0**. It's a hybrid because it includes both wired and wireless systems and has an equal number of inputs and outputs for the management of lights, HVAC, irrigation, shutters and any other kind of automation or household appliance, involving both Security and Home Automation.

**lares 4.0** is available in the following sizes: 16, 40, 96, 140 and 644, to meet the demands of any application.

**lares 4.0** is a complete solution.

- Scalable
- Hybrid
- Easy to install
- Easy to setup
- Remotely manageable
- 5 years warranty
- Fully controllable via App
- Integrated

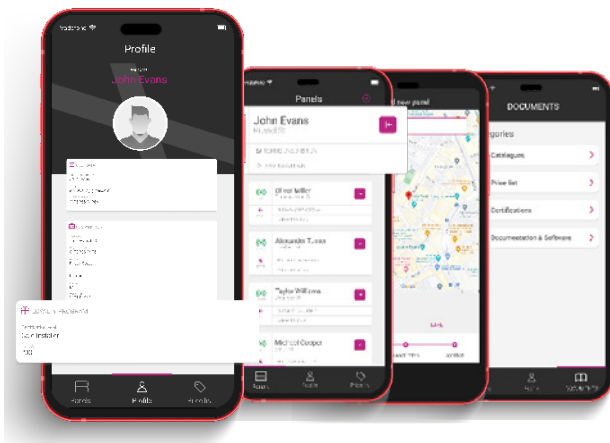
# Remotely control your Security and Home/Building Automation System

## Installer

With the free **App Ksenia PRO**, the installer can set up and manage the control panel from any mobile device (including smartphone). Ksenia Pro App can also centralize and geo-locate all the Control Panels installed, offering the best assistance to the end user.

## End-user

The end-user can remotely manage the control panel and control the Security and Home Automation features through a free App called **lares 4.0**. The App can arm and disarm the alarm system, monitor the sensors status, set up time schedules, view the camera images, fully control the lighting system, rolling shutters and much more.



Download and install our Apps now, they are free and always will be!



## What are the benefits?

The **lares 4.0** Control Panel is designed to optimally take the strictest installation and management conditions and for the most sensitive applications. It can be configured from a dedicated web server (without any additional software installation), through the **Ksenia SecureWeb** cloud. Web server allows easier management and programming of the control panel and status display through user-friendly floor plans.

## lares 4.0 solution provides a huge amount of benefits:

- it is reliable, guaranteeing maximum redundancy in every situation and over time;
- it is always connected with the users, security service providers, and law enforcement officers;
- it is scalable to meet any additional system needs, keeping itself always updated, automatically and remotely;
- it is an extremely versatile and ground-breaking product satisfying a wide range of needs;
- it is stylish and easily adaptable to the requirements of any architecture;
- it is certified by European regulations – EN50131 – grade3 and supported by Quality Mark Institutes IMQ (Italy), Incert (Belgium) and SBSC (Scandinavia).

## Total home control, comfort is knocking at the door!

**lares 4.0** control panel offers a smooth environmental climate control to the end user, thanks to the humidity and temperature sensors of the multifunctional "domus" device.

The control panel can manage up to 40 independent chrono-thermostats, each of which can work on hvac systems or independent thermostatic valves. The friendly automated assistance experience provided by lares 4.0 App and ergo T touchscreen keypad, combines to a large number of features, from manual temperature management to the weekly program scheduler arranged according to time slots, in addition to energy saving advanced modes. The comfortable space can be created according to the seasonal temperature to avoid unnecessary cooling and heating. All the available features can be combined with room humidity controls, to keep up with your comfort!



### Discover the true potential of lares 4.0 integrations.

Ksenia provides integration with Google Home and Amazon Alexa Voice Assistants, drivers for Control4 and Crestron solutions and porta IoT to support thousands of IoT devices: Shelly/SonOff modules, Hue, smart appliances, IFTT and so on.

This wide range of integration, including zones, partitions, outputs and scenarios, are the key to setup a proper Smart Home.

With virtual assistant features, the automations can be activated via voice, creating an even higher level of interaction, headed towards an enriched user experience

### Customised means unique.

Dimming lights give the opportunity to configure a room so that the light intensity during the day adapts to satisfy the end-user needs.

These amazing light intensity management solutions can reduce the energy consumption of a room, with significant savings on electricity bills and avoiding unnecessary energy waste.

Light dimming can be remotely managed with lares 4.0 App, via ergo-T and ergo-T pro keypads, though interactive maps, or via virtual assistants with a voice command.

### When innovation meets value!

With Ksenia Security, managing and monitoring energy flow and consumptions has never been so easy. Specific measuring devices, can monitor absorbed and produced energy in real time, creating an historical consumption archive that can be checked at any time through lares 4.0 App.

By monitoring the energy consumption, it will be possible to avoid energy wastes and improve the efficiency by detecting potential failures.

**Value your Security, choose Ksenia Security!**

# Main peripherals for lares 4.0

## ACCESS CONTROL

### intro



Door controller module is a BUS peripheral that can be connected to the lares 4.0 control panels.

### ergo-X



Outdoor membrane technology keypad RFID reader.

### volo



Outdoor RFID proximity reader, light-signalling scenarios.

### volo-in



Indoor audible / optical RFID reader.

## USER INTERFACES

### ergo-T



High resolution touchscreen keypad with 7" display (1900x1200).

### ergo-T pro



High resolution touchscreen keypad 10.1" display (1280x800).

### ergo-M & ergo wls



LCD Keypad, mechanical keys and RFID proximity reader. Wireless version available.

### opera



868MHz / bidirectional wireless Remote Control, 7 programmable functions + SOS / Panic.

### ergo-S



Soft-Touch Technology keypad, LCD Display, and RFID Proximity Reader.

## COMMUNICATION SYSTEMS

### gemino IoT



Remote manageable 4G-LTE / IP communicator, provides a complete backup of the communication network, and it can be used as a router.

### Add-on 4G / LTE module



For voice messages, e-mail, Contact-ID, IP Protocol (SIA DC 09), audio end video verification.

## SENSORS AND DETECTORS

### velum & velum-C



Outdoor wired Curtain Motion Detector. dual technology e anti-masking. Wireless version available.

### unum-X



Indoor detector ELT dual technology 12m range PET Immune. Wireless version available.

### nebula & nebula wls



Stand-alone optical smoke detector. Wireless version available.

### matrix



matrix bi-directional universal radio interface designed to connect third-party motion detectors to the lares 4.0 platform.

### matrix BUS



Provides a serial port to directly connect Optex VXS/R, BXS/R, WXS/R, WXI/R, QXI/R motion detectors.

## INDOOR AND OUTDOOR SIRENS

### radius



Indoor siren on BUS-KS with temperature detector and LED emergency light function.

### imago



Outdoor acoustic and optical siren, self-powered with low absorption, anti-smashing galvanized metal protection. Wireless version available.

### vox



Outdoor auto-powered, low-consumption acoustic and optical siren. 2 versions available.

## DOMOTIC

### auxi-H



Expansion module, with two operating modes: roller shutter management and light management.

### auxi-L



Expansion Module with 5 relais outputs operating at 250V-8A (10A peak), with 1 common Terminal, ideal for Light management and for disconnecting Appliances.

### auxi-A



Expansion module, with 5 I/O terminals, 4 of which are analog 0-10V for dimming lights.

### auxi wls



Wireless module, 868MHz/ two-ways, with 2 inputs. It works as a stand-alone device with opera remote control.

### porta 4.0



Bidirectional gateway interface for integration with Konnex (KNX) protocol, DIN rail compatible.

### porta IoT



Bidirectional gateway interface for integration with devices designed to receive/ deliver http commands, DIN rail compatible.

### energia



For electrical loads management of single-phase electric power system, loads disconnection and automatic loads reconnection.

### domus



Module on Keystone support, a single device contains: motion sensor, temperature sensor, relative humidity and light intensity.

### auxi-1



auxi-1 is a BUS expansion module that increase 1 the number of inputs or outputs.

**Ksenia**<sup>®</sup>  
security innovation

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