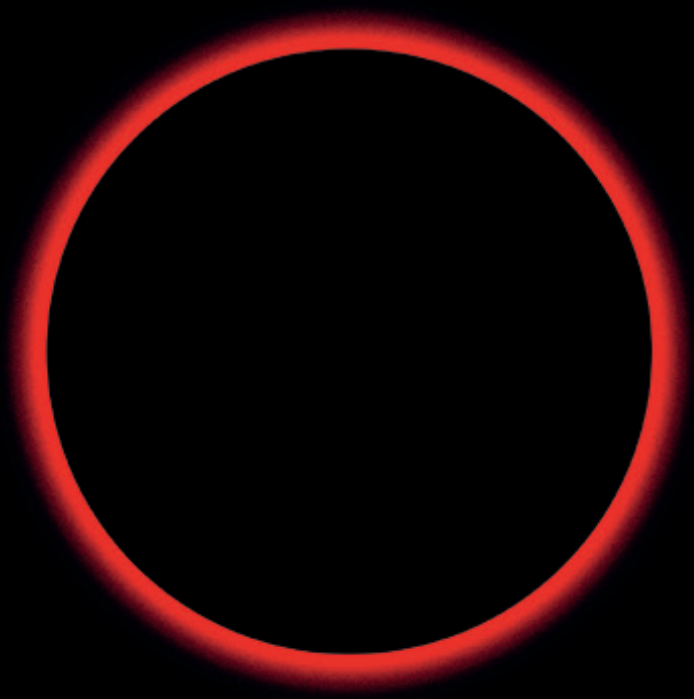
omnia

2026

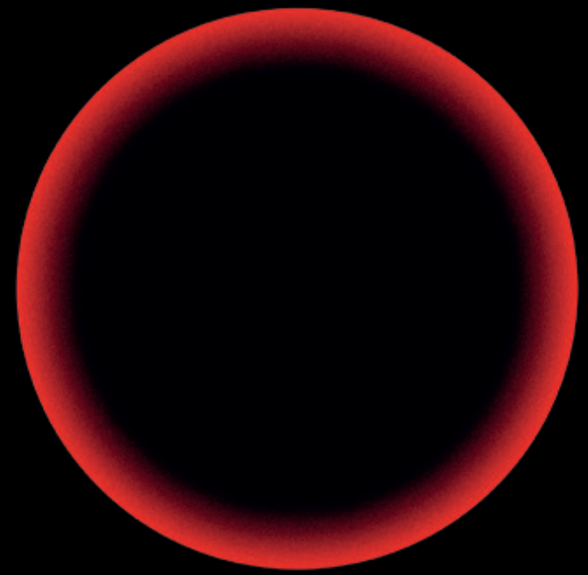


Ksenia®

security innovation

omnia

from Latin,
the neutral plural form of the adjective *omnis*, *omne*:
everything, all things.



A single word, five letters, a short space capable of encompassing an entire world:
a universe of products, values, commitment and passion.
omnia is not simply a catalogue: it is the story of who we are, what we do and how we do it every day. Behind every product is the single goal that guides all our choices: to help people feel protected and find that sense of inner peace that comes from knowing they are safe.
It is by consistently following this direction that we present our 2026 catalogue.

Enjoy reading it.

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The information contained in this catalogue is for reference purposes only. Ksenia Security reserves the right to make changes to its products in order to offer increasingly advanced and reliable solutions.

Catalogue 2026 - rev 00/2026

WE DON’T HAVE JUST ONE ADDED VALUE. WE HAVE FOUR.

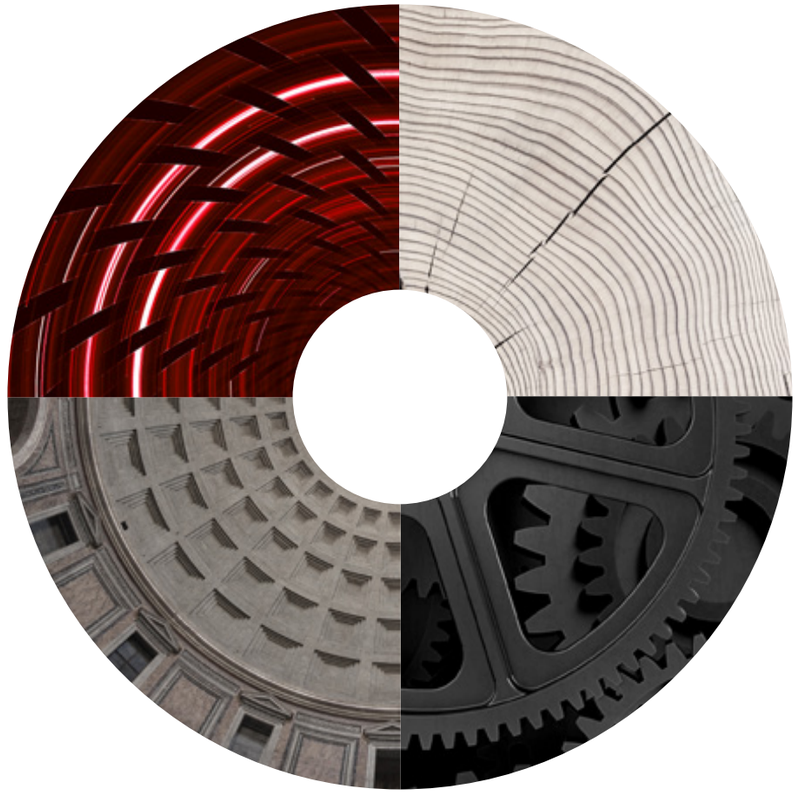
At the heart of everything are passionate people,
driven by the desire to exceed all expectations.
Every day we work with an eye to the future, guided by innovation, sustainability, reliability and design Made in Italy.
These are the values that define us and have fuelled our vision for 16 years.

INNOVATION

Innovation is the concept that best characterises us, so much so that we made it part of our payoff. To us, it means listening to the present to anticipate the future. This mindset has been with us since the day we decided to create Ksenia Security. It is a daily challenge that we tackle thanks to a strongly innovative spirit instilled in the company and its people. It’s what enables us to design and manufacture products that truly improve and simplify the lives of those who use them.

SUSTAINABILITY

This principle guides every decision we make and is reflected in every aspect of our work. We translate it into concrete actions by adopting sustainable solutions that improve the energy efficiency of our facilities.
But we don’t stop there: people are always at the centre. We are committed to protecting human rights, valuing each individual and promoting an inclusive, safe and stimulating work environment.



DESIGN MADE IN ITALY

We are fiercely proud of our roots: each product bears a Latin name, paying homage to the history and culture of our country, symbolising the deep sense of belonging that guides us. The authentically Italian design tells the story of who we are through essential shapes, quality materials and meticulous attention to every detail. We have chosen a sober, elegant and minimalist style, capable of integrating harmoniously into any environment.

RELIABILITY

Our products are built to last and designed to guarantee high performance over time. Each solution undergoes rigorous and continuous testing, exceeding the most stringent reliability standards and obtaining important quality certifications, both nationally and internationally.

A WHOLE OTHER STORY. OURS.

Every extraordinary story begins with an ambitious dream. Ours began in 2010 and was little more than a bold idea: to approach security innovation in a different way from what was already on the market, creating a cutting-edge security control panel, networked for the first time, which could be updated and managed remotely. A true technological hub designed not only to enhance every aspect of physical security, but also as a basis on which to build new home automation solutions.
Sixteen years later, that bold idea has become an important industrial reality that manufactures alarm systems and building automation products in Italy with the aim of ensuring safety for those who choose us.



A HISTORY THAT MATTER.

- **16 years:** in business since 2010
- **71:** countries around the world where our products are installed
- Over **100,000:** sites protected by our control panels
- Over **2 million:** Ksenia products installed
- Over **1,000:** in-person training courses held
- **22 years, 5 months, 17 days:** the total amount of time, calculated in hours, spent by our installers on online training
- Over **70:** the number of installers who have received awards
- **14:** the awards recognising our innovation and excellence
- **5:** the countries our collaborators come from

WITH US, YOU'RE IN SAFE HANDS.

What does it mean to feel truly safe?

The word 'safe' has its roots in the Latin *securus*, composed of the prefix *se* (separation, removal) and *cura* (concern, danger). Being safe, therefore, is not just a practical matter, but a deep state of mind: it means living peacefully, free from fear, in a state of inner peace. It is precisely this authentic meaning that inspired us to create our ecosystem of products: intelligent, connected solutions that best embody our mission since 2010: taking care of the protection and comfort of the people who choose us, by designing and manufacturing professional products and services.



SERVICES

In addition to the quality of its products, what sets Ksenia Security apart is the wide range of services it provides to installers on a daily basis, offering them concrete support in their work and celebrating their achievements with prizes and awards.



SecureWeb
cloud for professionals

Effective management of customer security systems is essential to ensure protection and peace of mind.
That's why we offer our installers a unique space, designed exclusively to simplify and enhance their work. It's called *SecureWeb*, and it's our innovative cloud platform for remote management of security and home automation systems.

With *SecureWeb*, enrolling a control panel takes just a few minutes, without the need to install any programming software, simply by using the web server integrated within the control panel: everything is immediate, simple and fast.

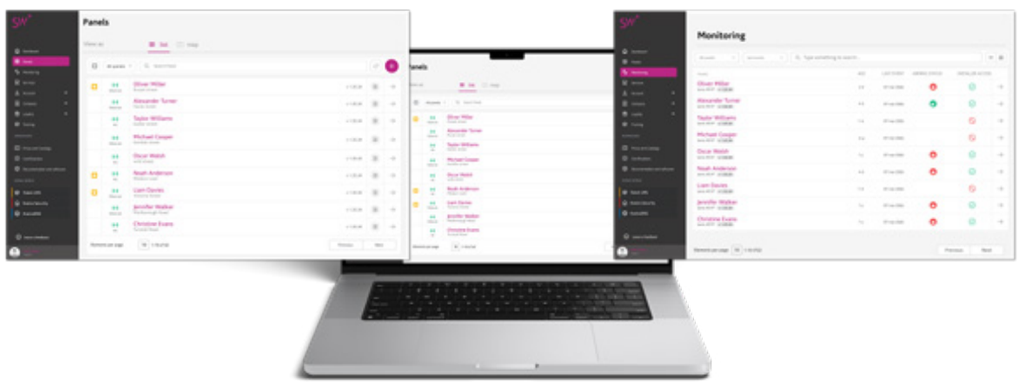
The *SecureWeb* platform offers installers a wealth of resources to support them in their daily work, including updated price lists, catalogues, technical documentation, product certifications and current promotions, as well as practical examples of how our solutions can be applied. Everything is at their fingertips to provide them with the best possible support in designing tailor-made solutions and helping them offer their customers increasingly professional advice.

SecureWeb^{e}
advanced version of the cloud for professionals

RELEASE 2026

An important new feature released in 2026 is *SecureWeb*^{e}, the **evolved** version of the *SecureWeb* platform, characterised by an updated design and enhanced with **exclusive** features aimed at providing the best support for the professionals who use it, facilitating their daily work and **exponentially** reducing the time required for maintenance.

The installer can decide to enable each control panel individually for the new services. When this happens, from the *Secureweb* section where the list of control panels is located (completely revised compared to the previous version), you land on a new section entirely dedicated to the control panel in question. Here, along with general information, such as a summary of control panel data and its location, there are tabs that allow access to new or updated services, including:
- Monitoring;
- Automatic Backup;
- Control Panel Supervision.



Monitoring

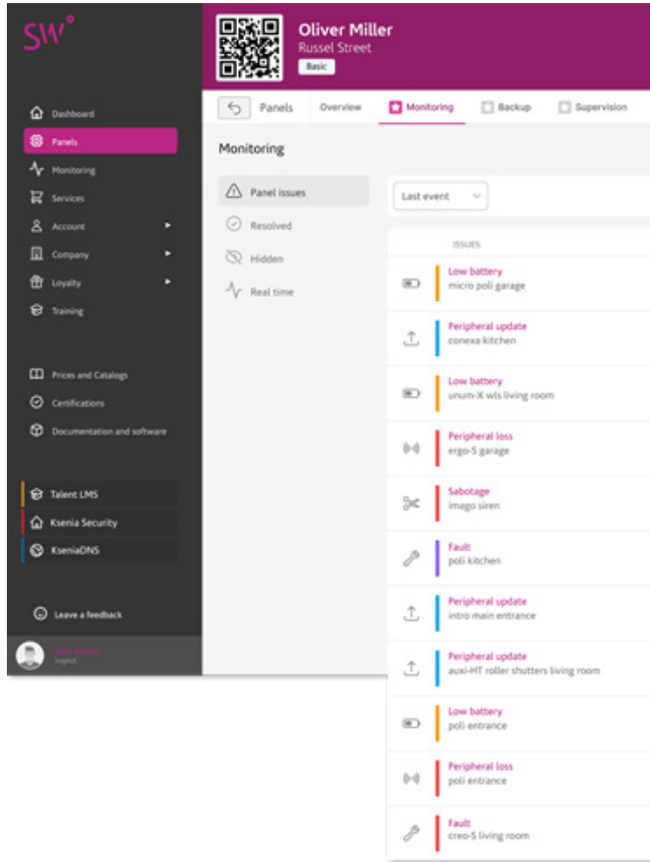
The monitoring service allows you to receive notifications of faults and tampering on the system, enabling the installers to supervise the health status of all their installations from a single dashboard.

This new function collects communications relating to: power failures, communication failures, control panel events, sabotage events and anomalies in wired and wireless peripherals connected to the control panel.

Once notified, you can investigate the type of anomaly encountered by clicking on the specific control panel and entering its monitoring area.

Intuitive
ensures a simple and immediate user experience.

Fast
allows you to find information quickly and effectively.



Automatic Backup

Among the numerous services offered by Ksenia Security is automatic backup, which allows you to continuously save system configuration data. If necessary, this data can be easily restored, either on the same control panel or on different control panels.

This way, the installer can be sure that no system information will be lost and, if necessary, it can be recovered in a matter of seconds with a simple click.

Up to 3 automatic backups can be made; once this limit is reached, new copies will progressively overwrite older ones, with the possibility of saving 2 out of 3 copies from being overwritten, simply by saving and renaming them.

The page that allows you to view the backups can be accessed by launching the control panel from Ksenia.

The page that allows you to view backups can be found in the dedicated section of Ksenia *SecureWeb*[e].

Secure
With automatic backup, the installer can be sure that no system information will be lost.

Easy to use
With automatic backup, the system configuration data is continuously saved and, if necessary, easily restored.

Control Panel Supervision

Every time the control panel disconnects and reconnects from the Cloud, the *SecureWeb* platform sends an email and a push notification to all users who have configured their email address and enabled the "Supervision" notification on their *lares 4.0* app.

The control panel supervision service requires just a few steps to be configured correctly in the dedicated section of *SecureWeb*[e].

Easy to configure
From the *SecureWeb*[e] portal, very few steps are required to configure the service correctly.

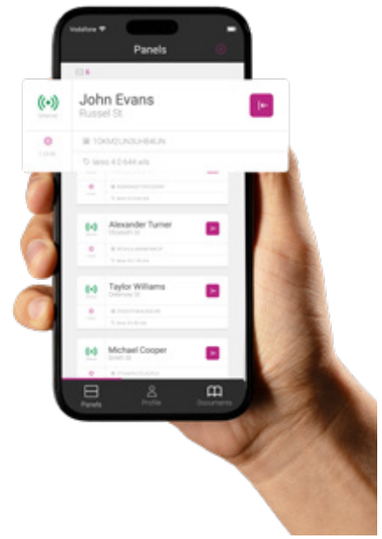
Reliable
With Supervision, the end user is notified in the event of malfunctions or tampering with the internet network.

Ksenia Pro
app for professionals

To provide even more concrete support for installers, Ksenia Security has also developed and created *Ksenia Pro*, a simple, intuitive and completely free app, available on Android and iOS stores.

Kenia Pro offers most of the features available on *SecureWeb*, becoming its natural extension on mobile devices.

With *Ksenia Pro*, you can program and manage your systems directly from your smartphone, with maximum freedom and speed, as well as view all technical documentation and information tools.



Advantages for the installer

Flexibility: no matter where they are, installers can always access system management.

Timeliness: thanks to remote management, it is possible to respond promptly to critical events and quickly monitor the status of the systems.

Reliability: *SecureWeb* is built with a highly redundant and supervised architecture that guarantees total service continuity even when extraordinary events occur.

User experience: the *SecureWeb* platform and the *Ksenia Pro* app have been designed to ensure the best user experience for the installer.

Efficiency: system settings can be saved within the platform for future use, simplifying the installation process and allowing installers to easily replicate custom configurations.

Support: each section is also accompanied by practical information tooltips that guide the user step by step through the management of the website or app, offering support for every action.

App lares 4.0

app for end users

The *lares 4.0* app is Ksenia Security's application dedicated to users for managing their *lares 4.0* control panel.
Free and **unlimited**, it is available for iOS and Android operating systems and can be downloaded from the relevant stores onto any mobile device, smartphone or tablet.

Control panel acquisition

After downloading the app, it takes just a few simple steps to acquire the control panel:
- assign a name to the control panel from the app settings;
- scan the QR code on the control panel in the user manual;
- enter the PIN to access the control panel; the content displayed is filtered according to the enabled partitions.

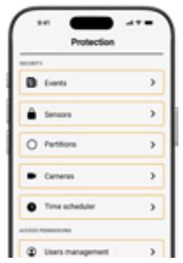
Feature overview

The app is simple and intuitive, featuring a **minimalist design**.
Users can personalise their experience by choosing between **light** or **dark** themes according to their preferences.
Navigation is straightforward thanks to a structure organised into categories, subcategories and filters. Everything is organised into **3 main pages**, so you always have the functions you need at your fingertips.



The status of the intrusion detection system (armed/disarmed/partially armed) is immediately visible on the **homepage**, and you can simply click on it to see the exact status of each individual partition or arm/disarm them individually.

There are also three buttons for quick arming and disarming scenarios. These function as containers in which all scenarios that perform disarming, arming or partially arming are collected.
If there is more than one per category, a list will appear from which you can select the desired scenario.



On the left-hand page, you will find the section dedicated to **Protection**, divided into: Security and Access Control.

Security
Here you can:
- view the event log, camera images, the status of each individual zone, view all doors/windows/ indoor sensors, etc.;
- manage time schedulers.

Access control
In this section, 'administrator' users can create, modify and manage other users, with the option to add/modify/delete/select access permissions.



On the right-hand side of the homepage, you will find the **Smart Home** section, which can be viewed in two different ways:

- by **category**: as items are added to programming, they are grouped into their respective categories, displayed on the dedicated page;

- by **room**: everything installed in the different rooms is shown.



Why choose *lares 4.0* app

Ability to remotely manage your security control panel at any time and from anywhere, with customisable themes (light/dark) and quick access buttons (favourites).

High responsiveness to commands: allows you to perform actions extremely quickly.

An intuitive app that is easy to use and navigate, with a homepage designed to allow you to manage the most frequently used functions.

Ksenia DNS
dynamic DNS service

Dynamic DNS is an additional service that Ksenia provides to its installers to manage control panels remotely, either as an alternative or as a backup to the *SecureWeb* cloud.

This service updates the association between a URL and the IP address of the destination system in real time. This means that even if the IP address changes, the URL remains the same, ensuring connection even with dynamic IP lines.

kseniadns.com allows you to take advantage of this mechanism for your dynamic IP address by associating it with a fixed URL. In addition, the Ksenia DNS service also provides a free SMTP server that Ksenia devices can use to send emails.

Advantages for the installer

Professional: all registrations allow you to manage customers/devices from your account; you can monitor all interactions with the DDNS server and perform advanced searches using various types of information filtering.

Detailed: there is detailed online help for both the registration procedure and the commissioning of the various devices.

Reliable: the service is active 24 hours a day and is installed on redundant and supervised servers.

Independent: using it for the SMTP service avoids having to use accounts owned by the end user or installer to send emails from the control panel.

Free and unlimited: the service has no additional costs or usage limits.

Training and Technical Support
in-person and online training and technical support

Technical training has always played a key role in Ksenia Security's offering. To meet this need, around 120 free of charge in-person training courses are offered each year in Italy and abroad, divided into different types, such as:

- **marketing courses**, introduction to the world of Ksenia;
- **theoretical technical courses**, at basic and advanced levels;
- **practical technical courses**, at basic and advanced levels.

The courses are aimed in particular at installers and the technical and commercial staff of Ksenia distributors.

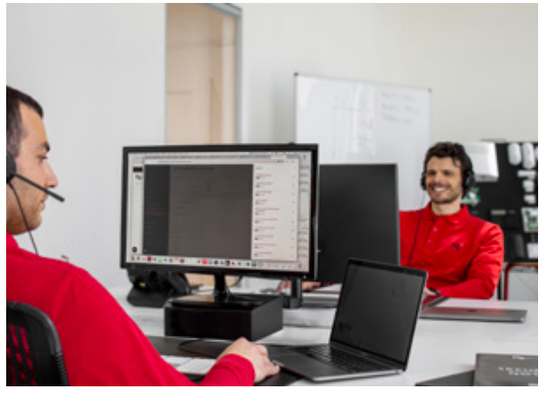
Technical support

Our technical support service offers professionals working with Ksenia Security the certainty of operating with peace of mind and continuity.

Choosing our assistance means relying on a qualified and helpful team, capable not only of solving problems, but also of guiding installers in discovering new features and potentialities of Ksenia products.

The service is available Monday to Thursday from 8.30 am to 5.30 pm without a lunch break, and on Fridays from 8.30 am to 12.30 pm, ensuring maximum availability.

Competence, presence and availability are the values that guide the team in their daily work and enable them to provide constant support and concrete solutions for every need.



TalentLMS

In order to give everyone the opportunity to train, we have created an e-learning platform that is completely free and always accessible, 24 hours a day, 7 days a week.
It is called *TalentLMS* and can be accessed by registering on the *SecureWeb* portal or by downloading the dedicated app.

It contains numerous educational resources, which are constantly updated and provide in-depth information on the technical aspects of Ksenia Security products.

- **64:** classroom courses in Italy in 2024
- **48:** classroom courses abroad in 2024
- **112:** total classroom courses in 2024
- Over **960:** participating installers
- Over **1,000:** face-to-face training courses held
- **22 years, 5 months, 17 days:** the total time, calculated in hours, of online training followed by our installers
- Over **70:** award-winning installers

Certifications RELEASE 2026

Training through *TalentLMS* allows installers to become certified. Upon completion of certain modules, installers can take a certification exam and become accredited as:

- Selected Certified – basic level: is specialised in security.
- Silver Certified – intermediate level: specialises in the installation of complete security and home automation systems.
- Gold Certified – high level: an expert specialising in all Ksenia solutions.
- Ksenia Key Partner: adds to the skills of the Gold Certified installer a close collaboration with the Ksenia team.



Loyalty Programme RELEASE 2026

By obtaining certification and installing a certain number of control panels, installers gain access to the **Loyalty Programme** and can win valuable prizes.

The installers who have earned the highest number of points in the two categories, *Top Installers* and *Next Gen*, are awarded prizes.

In addition, they will gain visibility on the website *www.kseniasecurity.com*, in the section dedicated to users looking for an installer.

Watch the video





Advantages for the installer

Continuous updating: opportunities to keep up to date thanks to the dual offering, both in person and online.

Quality: Ksenia certification attesting to the installer's quality as a professional in the sector.

Online visibility: presence on Ksenia's communication channels as a certified installer and the opportunity to participate in the Loyalty Programme.

Gold Certified installers and Key Partners can upload their company logo to *SecureWeb*. This will be visible on the *lares 4.0* app of the end customers for whom they carry out the installation.

PRODUCTS

Ksenia Security offers a wide range of products that combine innovation and cutting-edge design with solutions designed and manufactured to ensure safety and comfort in any environment.



lares 4.0
control panel

**In ancient Rome, the Lari were deities worshipped within the home to protect the family and the dwelling.
Our family of *lares* control panl takes its name from them.**

The heart of the entire Ksenia range is the *lares 4.0* control panel. It has always been a true technological revolution because it allows you to create an entire security and home automation system, access control and video verification with a single control panel.

lares 4.0 is a single control panel, available in different sizes and versions. Specifically, you can choose between 3 different hardware options - each designed to meet specific installation, performance and integration requirements - and 6 different sizes.
- Basic hardware: *lares 4.0 - 16* and *lares 4.0 - 40*
- Advanced hardware: *lares 4.0 - 40 wls*; *lares 4.0 - 140 wls* and *lares 4.0 - 644 wls*
- Hybrid hardware: *lares 4.0 wls 96*

Key differences between the versions

The complete hardware is equipped with two BUS branches and an integrated wireless transceiver. The basic version, on the other hand, has only one BUS branch and can be made hybrid by connecting a *duo* module to the BUS. Both hardware units are equipped with 8 inputs and 2 hybrid terminals (I/O) on board.
The *lares 4.0 wls 96* control panel has different hardware features: it has four inputs and two outputs on board, a single BUS branch and also includes the wireless transceiver.
All control panels are hybrid, meaning they support both wired and wireless devices. With the exception of the *lares 4.0 wls 96*, they all have the same number of inputs and outputs, allowing for the integrated management of systems such as lighting, air conditioning, irrigation, shutters and other home automation or appliances, combining security and home automation features.
The *lares 4.0 wls 96* control panel can manage up to 96 zones in total, of which a maximum of 40 are wired and 18 are outputs.

Technical features

	lares 4.0 wls 96	*lares 4.0 - 16*	*lares 4.0 - 40*	*lares 4.0 - 40wls*	*lares 4.0 - 140wls*	*lares 4.0 - 644wls*
Power consumption standby: max:	50 mA 80 mA	40 mA 70 mA	40 mA 70 mA	60 mA 100 mA	60 mA 100 mA	60 mA 100 mA
Max battery charging current:	800 mA					
Power supply output fault generation:	12 V Voltage below which the power supply output fault is signalled 15,4 V Voltage above which the power supply output fault is signalled					
Maximum number of inputs:	96	16	40	40	140	644
Entrances on board:	4	8	8	8	8	8
Maximum number of outputs:	18	16	40	40	140	644
Digital key combinations:	over 4 billion					
Alarm transmission system:	SP2, DP1, SP4, DP3					
IP protection rating:	IP30					
Safety rating:	2	3	3	3	3	3
Environmental class:	II					
Board dimensions:	174 x 85 x 17 mm					
How to order						
	KSI1410096.300	KSI1400016.300	KSI1400040.300	KSI1410040.300	KSI1410140.300	KSI1410644.300



lares 4.0 certifications

EN50131 - Grade 3 T031 SSF1014 Larmklass 3



lares 4.0 wls 96 certifications

EN50131 - Grade 2 T031

Why choose *lares 4.0* control panel

Maximum reliability: guarantees high and consistent performance over time and advanced architecture for continuous protection.

Security, access control and home automation in a single system: not just an alarm system, but a complete control panel that integrates home automation features for an unrivalled offering.

Flexibility for every need: adapts to any type of installation, for any type of environment.

Complete control via app: the end user can independently manage the entire system via an intuitive app, available free of charge for smartphones and tablets.

Scalability: once installed, the *lares 4.0* control panel will be compatible with all future Ksenia Security devices, adapting to all system requirements over time and meeting the need for ever-increasing zones or outputs.

Continuous updating: the control panel is always up to date, ensuring that the system keeps pace with new system requirements and the development of new features.

lares 4.0 performance

	lares 4.0 wls 96	*lares 4.0 - 16*	*lares 4.0 - 40*	*lares 4.0 - 40 wls*	*lares 4.0 - 140 wls*	*lares 4.0 - 644+*
Zones management						
Number of Zones (of wich radio)	96 (96)	16 (16)	40 (40)	40 (40)	140 (140)	644 (192)
Number of wired Zones	40	16	40	40	140	644
Support for IP Zones	●	●	●	●	●	●
Custom EOL Balances	1	2	4	4	14	22
Analog inputs range	1	2	4	4	14	22
Number of Outputs (of which radio)	18 (16)	16 (16)	40 (40)	40 (40)	140 (128)	644 (128)
Virtual Outputs (timer)	●	●	●	●	●	●
On board features						
I/O terminal	2 (only outputs)	2	2	2	2	2
Inputs	4	8	8	8	8	8
868MHz radio interface	●	-	-	●	●	●
BUS interface	1	1	1	2	2	2
Indoor Siren Connector	●	-	-	-	-	-
Partitions	5	6	12	12	20	30
Arming Modes	8	8	32	32	64	128
Hashtags	2	2	12	12	20	64
Rooms (graphic maps)	8	12	24	48	64	128
Schedulers	4	8	64	64	64	104
Event log	1500	1500	1500	5000	10000	10000
Users profiles	2	2	12	12	20	64
Number of users	16	16	64	128	512	1024
Programmable Logics	32	8	16	24	40	108
Chrono-thermostats	1	0	8	8	24	40
Counters	4	1	12	12	20	30
Meters *(energia)*	2	0	3	6	12	18
Scenarios and Notification						
Scenarios	8	8	32	32	128	399
Configurable event groups for scenarios/actions	32	32	64	64	256	756
Contact Lists	8	8	8	8	16	32
Contact ID receivers (pairs)	1	1	3	3	3	3
SIA receivers (pairs)	1	1	3	3	3	3
Configurable event groups for Notifications	16	16	32	32	64	121
IP Expandability						
IP Cameras	4 (8****)	4 (8****)	12 (20****)	12 (20****)	20 (30****)	30 (63****)
conexa	1	2	4	4	8	14
gemino IoT	1	1	1	1	1	1
porta 4.0 / porta IoT	1	1	1	1	1	1
IP Supervisors *(Control 4, Crestron and Yubii Home integration)*	1	1	1	1	1	1
BUS Expandability						
User interfaces *(creo-S; ergo-S/M; ergo-X, volo; volo-in)*	3	6	24	24	40	64
I/O modules *(auxi, auxi-1, auxi-10, auxi-relè, auxi-H, auxi-L, auxi-A)*	6*	4**	24	24	64	200
Sirens *(radius, imago,vox)*	1	6	24	24	40	49
Isolators *(divide, opis)*	2	4	12	12	20	32
Transceivers *(duo)*	0	2	2	1 (2***)	1 (2***)	1 (2***)
Home automation sensors *(domus)*	1	0	8	8	32	64
Load controllers *(energia)*	1	0	1	3	6	6
BUS sensors *(matrix BUS, unum-X BUS)*	8	8	40	40	64	64
Access control *(intro)*	4	4	8	8	12 (20****)	16 (30****)
Wireless Expandability						
Sensors *(micro poli, poli, nanus, unum-X wls, nebula, velum, matrix)*	32	16	40	40	64	64
I/O module *(auxi-HT wls, auxi-HL wls)*	8	8	20	20	64	64
Sirens *(imago wls)*	3	3	3	3	5	5
Repeaters *(duo)*	2	2	2	2	2	2
Keypads *(ergo wls)*	4	2	3	3	4	4
Remote controls *(opera)*	16	16	64	64	64	64

* Supports only auxi, auxi-1, auxi-A and auxi-H ** Does not support auxi-H *** Second BUS receivers can be used disabling on board Transceiver
****Extended number is available under license, contact our sales team for information

BOXES

Every control panel needs a box. In order to find the best solution for every need, we offer 4 different models:
1 in plastic and 3 in metal.



The **plastic box** has a carefully designed layout, designed to make the most of the available space, allowing the control panel, power supply, two expansion modules and a battery to be integrated into a compact space. Externally, it is distinguished by a central strip that elegantly covers the practical front screws. This aesthetic detail makes the box suitable for installation in visible areas of the home.

The **small and large metal boxes** are the most traditional version of control panel boxes: extremely sturdy, they feature a front opening with key lock.

The third version available, the top of the range, is the **4.0 box**, which stands out for its large internal capacity, able to accommodate up to 7 expansion modules, a battery up to 18 Ah and a removable plate that facilitates maintenance operations.

Plastic box

The Ksenia Security plastic box is designed to offer protection, order and practicality within the system. Made from resistant, high-quality materials, it guarantees reliability and durability, safely housing the control panel and its components. Its compact and functional structure facilitates installation and maintenance, while ensuring a clean and discreet aesthetic that adapts to different application contexts, from residential to commercial.



EN50131 - Grade 3 T031

It is an elegant white box with front opening and screw closure.
Inside, it can house the control panel and up to two expansion modules.

Recommended for all control panel sizes.

Technical features	
	Plastic box
Switching power supply:	50 W
Buffer battery:	7 Ah
Battery charger power supply:	15 V ± 1% 3,4 A
Dimensions:	215 x 288 x 84,5 mm
How to order	
	KSI7305015.011
Accessories	
KSI4800009.300 - Multi-band antenna for plastic box	

Metal box



EN50131 - Grade 3 T031 SSF1014 Larmklass 3

Small white painted **metal box** with side opening and key lock.
Inside, it can house the control panel and an expansion module.

Recommended for the *lares 4.0 - 16* and *lares 4.0 - 40* control panels.



EN50131 - Grade 3 T031 SSF1014 Larmklass 3

The **large** white **metal box** with side opening and key lock.
Inside, it can house the control panel and up to 4 expansion modules can be housed inside.

Ideal for all *lares 4.0* control panels and the *opis* power supply station.



EN50131 - Grade 3 T031 SSF1014 Larmklass 3

The white painted **metal 4.0 box** with screw closure. Inside, it can house the control panel and up to 7 expansion modules installed on a removable plate that facilitates maintenance operations.

Ideal for all *lares 4.0* control panels and the *opis* power supply station.

Technical features			
	Small box	*Large box*	*4.0 box*
Switching power supply:	25 W	50 W	50 W
Buffer battery:	7 Ah	7 Ah	18 Ah
Battery charger power supply	15 V ± 1% 1,7 A	15 V ± 1% 3,4 A	15 V ± 1% 3,4 A
Dimensions:	255 x 295 x 85 mm	325 x 400 x 90 mm	325 x 440 x 90 mm
How to order			
	KSI7402117.010	KSI7403130.010	KSI7404130.010
Accessories			
KSI4800006.300 - Multi-band antenna with 30 cm cable			
KSI4800008.300 - Multi-band antenna with 5 m cable			
KSI4800005.300 - Multi-band antenna with 10 m cable			

USER INTERFACES



Interaction with security systems takes place via user interfaces: tools designed for simple, fast and secure everyday use.
The entire Ksenia Security range is designed to offer an intuitive and reliable experience, facilitating access to the main management functions.

conexa

IP touchscreen keypad

RELEASE 2026

The name *conexa* derives from Latin and means “connected”.

conexa is the new IP touchscreen keypad from Ksenia Security, ideal for controlling security and home automation systems. With its modern, elegant design and high performance, it is the ideal solution for all types of residential and industrial installations. Its slim profile and 10.1” HD screen allow it to blend harmoniously into any environment.

Thanks to the Android™ operating system and Google Play Store, you can also install third-party apps on the keypad. This feature allows the user to manage any device in the home equipped with apps, regardless of brand or model, such as video door phones, cameras, air conditioning systems and other smart devices, transforming *conexa* into a true control centre.

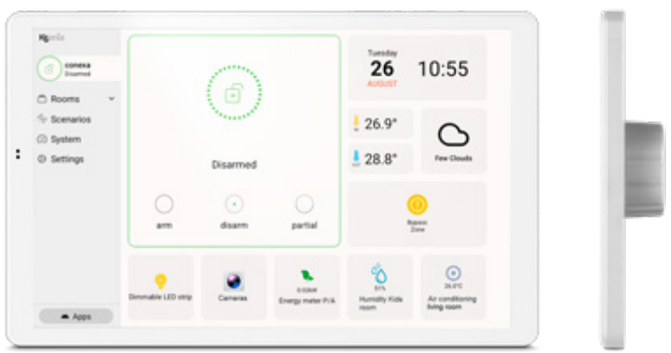
The keypad allows the installation of any application, with no limits on number or type. However, to ensure optimal performance, it is recommended not to install apps that are not consistent with the intended use of the device.

Why choose *conexa*

It allows the installation of third-party apps.

The design combines a graphical interface designed for maximum ease of use and an intuitive experience, both in portrait and landscape format.

The screen lights up automatically when you move your hand closer, without needing to touch it. The aesthetics are customisable: available in black or white and with the option of choosing a light or dark theme.



Technical features

Communication interface: Ethernet or Wi-Fi
Display: 10.1” capacitive touchscreen
Resolution: 1280 x 800
Operating system: Android™ 14 - Google
Dimensions: 243 x 152 x 34 mm (WxHxD)

How to order

KSI2100045.301 - white	☐
KSI2100045.302 - black	■



Advantages for the installer

Installation is very simple: it can be mounted on the wall, is compatible with standard European flush-mounted boxes and features a magnetic attachment system on the back for quick installation.

The keypad can be powered by PoE (48 V) or via a power supply (12-16 V) or USB Type-C cable.

It communicates with *lares 4.0* via a wired LAN network or, alternatively, via Wi-Fi. Enrolling is immediate and requires no configuration; it can be supervised by the control panel like a normal BUS keypad.

creo-S

touchscreen keypad on BUS

RELEASE 2026

The name *creo* comes from Latin and means “to create” or “to generate”.

creo-S is the new BUS touchscreen keypad designed for managing security in residential or commercial environments.
Thanks to its minimalist and elegant design, it blends perfectly into any type of environment.

The *creo-S* keypad allows complete control of the *lares 4.0* control panel.
The 7-inch display with 1024x600 resolution offers a wide viewing angle and excellent image quality.
There is also an RFID reader integrated into the screen, designed for user authentication via Ksenia *Mini Tag*.
In addition, it is equipped with advanced protection against tampering attempts: it detects if someone tries to remove it by force and temporarily blocks access if an incorrect PIN is entered three times in a row.
The capacitive touchscreen offers precise and immediate touch response. The keypad’s features are completed by an RGB LED for system status indication, a buzzer and two terminals that can be configured as inputs (NC, NO or balanced) or outputs (OC 500 mA max).

Why choose *creo-S*

Because its graphical interface has been designed to ensure extreme ease of use and offer a simple and intuitive user experience.

The display has a dark glass effect that gives the keypad an elegant, minimalist design, featuring a multicoloured LED that makes the system status immediately recognisable.

Because you can authenticate yourself using either a PIN code or Ksenia *Mini Tag*.



EN50131 - Grade 3

T031

Technical features

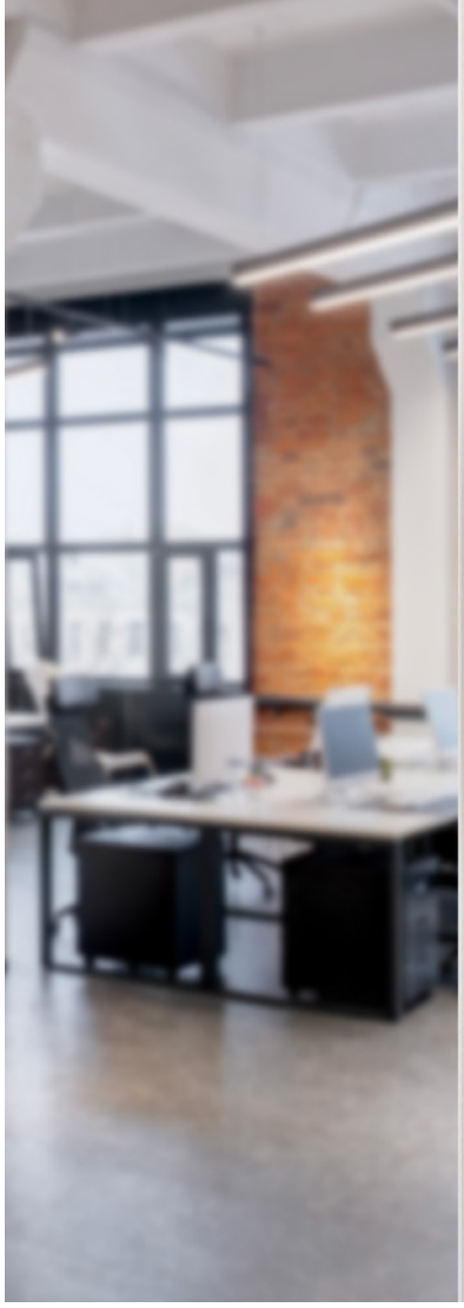
Power consumption: 450 mA max with display on 100 mA max with display off
Display: 7” capacitive touchscreen display
Resolution: 1024 x 600
RFID technology: 13,56 MHz
Protection rating: IP30
Dimensions: 193 x 128 x 20 mm (WxHxD)

How to order

KSI2100050.301 - white	☐
KSI2100050.302 - black	■

Accessories

KSI7600003.000 - *Mini Tag-D*
KSI7600000.000 - *Mini Tag-M*





Advantages for the installer

creo-S provides two terminals that can be configured as inputs/outputs.

It is quick and easy to install on the wall thanks to the snap-on bracket, which is compatible with both DIN 503 boxes and 60 mm round boxes.

It is equipped with a removable terminal block that allows for quick and safe wiring during installation.

ergo-S

CapSense keypad

The name *ergo* comes from Latin and means 'therefore', 'so' or 'thus'. It is a conjunction used to introduce a logical conclusion or consequence following a line of reasoning.

ergo-S is an extremely versatile keypad with a minimalist design that fits perfectly into any environment.
Soft touch technology is its distinctive feature: no mechanical keys, just a sensitive surface that responds accurately to the slightest touch. The *ergo-S* keypad has a clearly visible dot matrix graphic LCD display, enabling it to handle all types of languages, including Greek and Cyrillic. The large, bright screen is ideal for both daytime and night-time use.
The keypad allows you to view the status of the security system and operating parameters, and to control the entire system by arming and disarming it.
The keypad has 10 keys, and each key can be assigned a scenario or command. You can also choose whether or not a PIN is required to select an action or scenario.

Why choose *ergo-S*

It has an on-board RFID tag reader to read the *Mini Tags*, which replace code entry and facilitate the scenario selection process.

The keypad has a minimalist style, a slim design and soft-touch technology that responds accurately to the slightest touch.

It is available in two colours: white or black, with a glossy, modern finish.



EN50131 - Grade 3

T031

SSF1014 Larmklass 3

Technical features

Technology: RFID - 13.56 MHz
Power consumption: 15 mA standby - 100 mA max
Dimensions: 127 x 43 x 17 mm (WxHxD)

How to order

KSI2100020.301 - white	☐
KSI2100020.302 - black	■

Accessories

KSI7600003.000 - *Mini Tag-D*
KSI7600000.000 - *Mini Tag-M*



Advantages for the installer

The keypad features a precision temperature sensor for detecting internal temperature.

There are a microphone and a speaker for ambient listening.

Installation is very simple and the keypad is automatically detected and addressed by the *lares 4.0* control panel.

ergo-M
keypad with mechanical keys

The name *ergo* comes from Latin and means 'therefore', 'so' or 'thus'. It is a conjunction used to introduce a logical conclusion or consequence following a line of reasoning.

ergo-M is a versatile keypad with a simple, minimalist design. Its mechanical keys, laser-engraved on the surface of the keypad, guarantee maximum resistance to wear and tear and the signs of ageing.
The *ergo-M* keypad has a dot matrix LCD display, meaning it can handle any language, including Greek and Cyrillic. The keypad allows you to view the status of the security system, monitor operating parameters and manage the entire system, including arming and disarming. It has 10 keys, each of which can be assigned to a specific scenario or command.

Why choose *ergo-M*

It has an on-board RFID tag reader to read *Mini Tags*, which replace code entry and facilitate scenario selection.

The keypad has a minimalist style, with a slim design and mechanical keys that can be used even when wearing gloves, making it ideal for industrial environments.

It is available in two colours: white or black, with a glossy, modern finish.

Advantages for the installer

It completes the range of Ksenia Security keypads designed for industrial environments.

Installation is very simple and the keypad is automatically detected and addressed by the *lares 4.0* control panel.



EN50131 - Grade 3 | T031 | SSF1014 Larmklass 3

Technical features

Technology: RFID - 13.56 MHz
Power consumption: 15 mA standby - 100 mA max
Protection rating: IP40
Dimensions: 163 x 119 x 14,5 mm (WxHxD)

How to order

KSI2100021.311 - white	☐
KSI2100021.312 - black	■

Accessories

KSI7600003.000 - *Mini Tag-D*
KSI7600000.000 - *Mini Tag-M*

ergo wls
keypad with mechanical keys

The name *ergo* comes from Latin and means 'therefore', 'so' or 'thus'. It is a conjunction used to introduce a logical conclusion or consequence following a line of reasoning.

ergo wls is Ksenia's wireless keypad with a minimalist and understated design. Like the *ergo-M*, with which it shares its aesthetics, it is equipped with 10 mechanical keys laser-engraved on the surface of the keypad, ensuring maximum resistance to wear and tear and the signs of ageing. Each key can be associated with a specific scenario or command.
With its dot matrix LCD display, *ergo wls* can handle any language. It features 868 MHz wireless technology, fully bidirectional, with DPMS (Dynamic Power Management System) technology, which helps reduce interference and extend battery life.

Why choose *ergo wls*

The display has a large visible surface with adjustable backlighting; thanks to the absence of cables, the keypad can be positioned anywhere without invasive work, for an elegant and tidy installation.

The keypad has a minimalist style and a slim design.

It is available in two colours: white or black, with a glossy, modern finish.

Advantages for the installer

Installation is simple: the device serial number must be entered manually to register it in the control panel.

It can be powered by 12 V or a nonrechargeable 3V – 1900 mAh lithium battery.

It can be flush-mounted in a standard DIN 503 box or wall-mounted.



Technical features

Radio frequency: 868 MHz
Power supply: 3V-1900mA lithium-ion battery pack
Battery life: 2 years
Protection rating: IP40
Dimensions: 163 x 119 x 14,5 mm (WxHxD)

How to order

KSI2100022.311 - white	☐
KSI2100022.312 - black	■

Accessories

KSI7203019.000 - non-rechargeable lithium battery pack 3V-1900 mAh for *ergo wls* keypad

volo-in
indoor proximity reader

The name *volo* comes from Latin and means “to fly” or “to move quickly”.

volo-in is an indoor proximity reader, using RFID technology, with acoustic and light signals, which allows you to easily activate and deactivate 5 programmed scenarios, including arming and disarming the alarm system. The *volo-in* reader has an RGB LED with 5 different colours – red, green, blue, yellow and white – each of which can be associated with a scenario: simply bring the *Mini Tag* close to the reader, wait for the LED of the colour associated with the scenario to light up and move the key away.
It also has acoustic feedback and a system status display function.

Why choose *volo-in*

The 5 programmable scenarios can be home automation, security or a combination of both.

The design allows for installation in any environment.

The acoustic buzzer is designed to assist users with visual impairments and compensate for particular lighting conditions.

Advantages for the installer

It can be installed in any setting compatible with 503 flush-mounted boxes.

To facilitate integration on any type of switch plate, it comes with a universal solution that uses the standard RJ45 Keystone socket.

It connects to the *lares 4.0* control panel via the KS-BUS 4-wire serial BUS and is programmed directly from the control panel.



EN50131 - Grade 3

T031

Technical features

Technology: RFID - 13.56 MHz
Power consumption: 10 mA
Dimensions: 46 x 19 x 44 mm (WxHxD)

How to order

KSI2200002.300

Accessories

KSI2900000.001 - Optional frame for 60 mm roud box
KSI7600003.000 - *Mini Tag-D*
KSI7600000.000 - *Mini Tag-M*

volo
outdoor proximity reader

The name *volo* comes from Latin and means “to fly” or “to move quickly”.

volo is the outdoor proximity reader that allows you to easily activate and deactivate 5 programmed scenarios, including arming and disarming the alarm system.
The *volo* reader has an RGB LED with 5 different colours – red, green, blue, yellow and white – each of which can be associated with a scenario: simply place the *Mini Tag* close to the reader, wait for the LED to light up in the colour associated with the scenario and remove the key. The *volo* reader also displays the system status: it will light up green to indicate that the system is disarmed and ready to be armed, red when it is fully armed, and blue when it is partially armed.

Why choose *volo*

The 5 programmable scenarios can be home automation, security or a mix of both.

Its design allows it to be installed in any environment.

It has an IP65 protection rating, certifying its resistance to water and dust ingress, making it perfect for outdoor installation.

Advantages for the installer

It features tamper protection, being equipped with an electronic tamper switch with an internal accelerometer that detects any vibration or tilt.

It can be installed either on a wall (vertically) or screwed onto DIN 503 boxes with a special adapter.



EN50131 - Grade 3

T031

SSF1014 Larmklass 3

Technical features

Technology: RFID - 13.56 MHz
Power consumption: 40 mA
Dimensions: 163 x 119 x 14,5 mm (WxHxD)

How to order

KSI2200000.310 - white	☐
KSI2200000.300 - black	■

Accessories

KSI2200001.300 black / .310 white Mounting plate for DIN 503 box
KSI7600003.000 - *Mini Tag-D*
KSI7600000.000 - *Mini Tag-M*

ergo-X
BUS keypad

The name *ergo* comes from Latin and means 'therefore', 'so' or 'thus'. It is a conjunction used to introduce a logical conclusion or consequence following a line of reasoning.

ergo-X is Ksenia's BUS keypad with mechanical keys that can be installed both indoors and outdoors.
The IP65 protection rating guarantees resistance to all weather conditions, while the robustness of the materials used in its construction ensures IK09 vandal-proof protection and high resistance to tampering.
ergo-X stands out for its unmistakable design, with mechanical membrane keys that are hidden when the keypad is at rest and become visible when you simply move your hand closer, thanks to a built-in proximity sensor. The keypad also has an RFID reader for reading Ksenia *Mini Tags*, which can replace the user PIN code or be used to perform specific actions on the system simply by bringing them close to the reader.

Why choose *ergo-X*

It combines soft-touch design with the functionality of a mechanical keyapd.

It has a sophisticated aesthetic, highlighted by the dark front effect, whereby when in standby mode, the screen appears to be completely off, but when you move your hand closer, it turns on and the buttons appear. It is available in two colours: black and grey.

It has a 'tag & code' function which, when a partition is inserted, requires double authentication with *Mini Tag* and PIN in order to execute scenarios.



EN50131 - Grade 3 T031 SSF1014 Larmklass 3

Technical features

Technology: mechanical membrane keypad
Power consumption: 200 mA max
Technology: RFID 13,56 MHz
Protection rating: IP65
Vandal resistance rating: IK09
Dimensions: 72 x 113 x 20,5 mm (WxHxD)

How to order

KSI2100031.302 - black	■
KSI2100031.303 - grey	■
KSI2100031.312 - black with 15 m cable	■

Accessories

KSI2100032.302 - Kit for mounting on 60 mm round box for *ergo-X*
KSI7600003.000 - *Mini Tag-D*
KSI7600000.000 - *Mini Tag-M*



Advantages for the installer

It has an RGB LED that displays the system status, showing whether it is armed (green LED) or disarmed (red LED) or partially armed (blue LED). Three other colours (cyan, magenta and white) can be customised to display the types of arming mode present.

It provides two I/O terminals that can be configured as inputs/outputs.

The keypad can be connected to the *intro* module for more advanced access control functions.

opera
remote control

The name *opera* comes from Latin and means ‘work’, ‘service’ and ‘convenience’.

opera is a remote control device with a minimalist design and multiple functions.
A small remote control for big everyday use: *opera* is our device that can activate up to 7 different scenarios that can be configured according to your needs. But that’s not all: thanks to two-way communication, it provides the status of the system (armed, disarmed, partially armed), which is displayed by the 3 LEDs located on the buttons. In addition, the execution of the scenario is confirmed not only by the lighting up of an LED but also by the vibration of the device.

Why choose *opera*

Available in the 4 Ksenia corporate colours: white, red, grey and black.

SOS function: when active, any button on the remote control, including the central one, always performs the same action, such as directly activating the sirens or sending notifications such as voice calls, text messages, emails, etc.

Battery self-check: by holding down the centre button, you can check the battery charge status based on the number of LEDs that light up.



EN50131 - Grade 3

T031

Technical features

Radio frequency: 868 MHz
CR2032 lithium battery
Battery life: up to 6 years
Range in open air: up to 400 m
Dimensions: 30x58x15 mm (WxHxD)

How to order

KSI7700000.001 - white	☐
KSI7700000.002 - black	■
KSI7700000.003 - grey	■
KSI7700000.008 - red	■

Accessories

KSI7203002.000 - CR2032 button battery as a replacement for wireless devices (200 pieces per pack).

Mini Tag
proximity keys

RELEASE 2026

The new RFID *Mini Tags* by Ksenia Security with DESFire® technology guarantee an advanced level of security, representing the most reliable solution for user identification in access systems.
DESFire® is based on a combination of triple DES encryption and AES hardware encryption with a 128-bit key: a foolproof architecture, also used in sensitive projects for government agencies, international organisations and military contexts.
Made of wood with the Ksenia logo engraved on both sides, its design reflects the company’s commitment to sustainability.

Why choose *Mini Tag-D*

Ideal for any environment, especially sensitive environments such as government institutions, international organisations and military applications.

Data protection is at the highest level of advanced security standards.

The essential and elegant design enhances its aesthetics, making it a refined and distinctive object.



EN50131 - Grade 3

T031



EN50131 - Grade 3

T031

Technical features

	Mini Tag-D	*Mini Tag-M*
Technology:	DESFire®	MIFire®
Dimensions:	26 x 50 x 3,7 mm (WxHxD)	24 x 47 x 7,3 mm (WxHxD)

How to order

	KSI7600003.000 - *Mini Tag-D*	KSI7600000.000 - *Mini Tag-M*

SENSORS, DETECTORS, MAGNETIC CONTACTS



The sensors detect every change in the environment and transform it into reliable information, keeping the security system constantly active. Ksenia Security's sensors, detectors and magnetic contacts are designed to offer maximum precision and security, minimising the risk of false alarms.

unum-X
indoor motion detectors

The name *unum* comes from Latin and means 'unique'.

unum-X is the name of the range of indoor detectors compatible with all *lares 4.0* control panels. Their main feature is the ability to use a single detector as both a volumetric and indoor curtain detector, thanks to the Fresnel lens that can rotate 180°, allowing it to cover two detection areas: a wide-angle 85° beam with a coverage of 12 m and a narrow 5° beam with a coverage of 18 m.
The *unum-X* sensor range is available in universal wired, BUS and wireless versions and includes several models:

- *unum-X ST*, with PIR detection function;
- *unum-X DT,* with dual PIR and microwave technology;
- *unum-X DT/AM*, dual technology with active anti-masking on both infrared and microwave, and downward detection zone (anti-creep).

Thanks to its multiple features, *unum-X* can meet a variety of installation requirements, making it the ideal solution for intrusion detection in residential, commercial and industrial environments.

Why choose *unum-X*

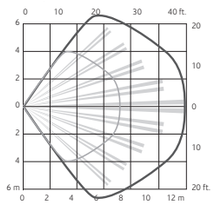
Different connection technologies are available with the same design, making even hybrid installations indistinguishable.

Thanks to the rotatable lens, the same detector can be used both as a volumetric detector, with coverage up to 15 m, or as a curtain with coverage up to 24 m.

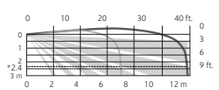
Thanks to special features and its technology, the sensor has greater resistance to heat and humidity, which increases its durability.

unum-X ST-DT

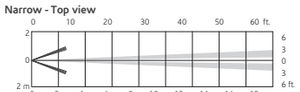
Wide - Top view



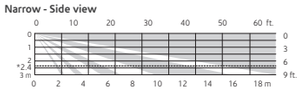
Wide - Side view



Narrow - Top view

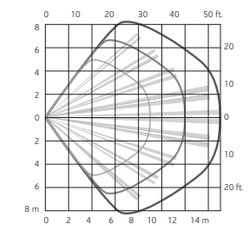


Narrow - Side view

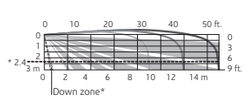


unum-X DT/AM

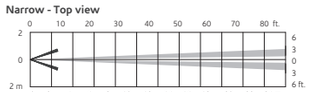
Wide - Top view



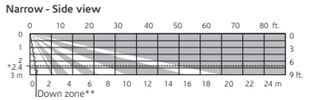
Wide - Side view



Narrow - Top view



Narrow - Side view



PIR | MW Short | MW Middle | MW Long

*2.4 The dotted line indicates the recommended mounting height.
**Enable/disable the Down zone (Grade 3) by manually operating the lever.



KSI5900006.001 - Wall or ceiling mounting bracket for all *unum-X* sensor models. Complete with tamper switch.



Advantages for the installer

Installation is extremely simple: the sensor connects to the KS-BUS of the *lares 4.0* and is fully programmable.

With a single mounting bracket, the sensor can be installed on the ceiling or wall.

Thanks to the possibility of rotating the lens, it is possible to have two different coverage areas with the same sensor.

unum-X ST
indoor motion detectors



EN50131 - Grade 2

T031

SSF1014 Larmklass 3

unum-X ST is a Grade 2 indoor sensor with PIR detection, designed to offer maximum reliability in intrusion detection.
It allows the PET immunity function to be activated, which reduces false alarms generated by the movement of small animals when the system is armed.

unum-X ST wls
indoor motion detectors



EN50131 - Grade 2

T031

unum-X ST wls has the same functions as the wired version, but communicates with the *lares 4.0* control panel on the 868.5 MHz radio band.

Technical features

	unum-X ST	*unum-X ST wls*
Power supply:	9,5-16 Vdc	3 V lithium battery (CR123A)
Power consumption:	8 mA normal - 11 mA max	Battery life up to 4 years
Coverage:	Wide: 12 m, 85° - Narrow: 18 m, 5°	
Detectable zones:	Wide: 76 zones - Narrow: 12 zones	
Pet Immunty:	Yes*	Yes*
Dimensions:	61,5 x 129,2 x 50,9 mm (WxHxD)	

How to order

	KSI5101001.300	KSI5201001.300

Accessories

	-	KSI7203015.000 - CR123A lithium battery

* with low PIR sensitivity, up to 30 cm animal height.

unum-X DT
indoor motion detectors



EN50131 - Grade 2

T031[1]

SSF1014 Larmklass 3[2]

unum-X DT is a Grade 2 indoor sensor with dual technology (PIR and microwave) that guarantees a high degree of reliability in detecting movement with passive infrared (PIR) and microwave technology. It allows the activation of the PET-immunity function, which reduces false alarms caused by the movement of small pets when the system is armed.

unum-X DT wls
indoor motion detectors



EN50131 - Grade 2

T031[1]

unum-X DT wls has the same functions as the wired version, but communicates with the *lares 4.0* control panel on the 868.5 MHz.

unum-X DT BUS
indoor motion detectors



EN50131 - Grade 2

T031[1]

unum-X DT BUS has the same functions as the wired version, but communicates with the *lares 4.0* control panel via BUS. Installation is extremely simple:
it connects to the *lares 4.0* BUS and is fully programmable locally, connecting to the control panel's web server or remotely to the Ksenia *SecureWeb*.

Technical features

	unum-X DT	*unum-X DT wls*	*unum-X DT BUS*
Power supply:	9,5-16 Vdc	3 V lithium battery (CR123A)	9,5-16 Vdc
Power consumption:	11 mA normal - 14 mA max	Battery life up to 4 years	14 mA normal - 19 mA max
Coverage:	Wide: 12 m, 85° - Narrow: 18 m, 5°		
Detectable zones:	Wide: 76 zones - Narrow: 12 zones		
Microwave frequency:	X5: 10.525 GHz - X8: 10.587 GHz		
Pet Immunty:	Yes*	Yes*	Yes*
Dimensions:	61,5 x 129,2 x 50,9 mm (WxHxD)		
Weight:	105 g		

How to order

	KSI5102001.300 - X5 KSI5102001.301 - X8	KSI5202001.300 - X5 KSI5202001.301 - X8	KSI5112001.300 - X5 KSI5112001.301 - X8

Accessories

	-	KSI7203015.000 - CR123A lithium battery	-

* with low PIR sensitivity, up to 30 cm animal height.
[1] X8 version only.
[2] X5 version only.

unum-X DT/AM
indoor motion detectors



EN50131 - Grade 3 · T031[1] · SSF1014 Larmklass 3[2]

unum-X DT/AM is a Grade 3 certified indoor sensor with dual technology, active anti-masking on both infrared and microwave, and anti-creep (downward detection zone detection zone). The latter function can be enabled via a mechanical lever on the sensor body.

unum-X DT/AM BUS
indoor motion detectors



EN50131 - Grade 3 · T031[1]

unum-X DT/AM has the same functions as the wired version, but communicates with the *lares 4.0* control panel via BUS. Installation is extremely simple: it connects to the *lares 4.0* BUS and is fully programmable locally, connecting to the control panel's web server or remotely to the Ksenia *SecureWeb*.

Technical features

	unum-X DT/AM	*unum-X DT/AM BUS*
Power supply:	9,5-16 Vdc	9,5-16 Vdc
Power consumption:	16 mA normal - 21 mA max	14 mA normal - 20 mA max
Coverage:	Wide: 15 m, 85° - Narrow: 24 m, 5°	
Detectable zones:	Wide: 80 zones - Narrow: 20 zones	
Microwave Frequency*:	X5: 10.525 GHz X8: 10.587 GHz	
Detection method:	PIR + Microwave + Anti-masking	
Dimensions:	62,2 x 159,1 x 55,7 mm (WxHxD)	

How to order

	KSI5102011.300 - X5 KSI5102011.301 - X8	KSI5112011.300 - X5 KSI5112011.301 - X8

[1] X8 version only.
[2] X5 version only.

velum
curtain motion detector



velum is a curtain-type motion sensor that can be installed both indoors and outdoors to protect French windows, glass doors or other large entrances to the home. It projects a screening barrier that completely covers the area you want to protect. The sensor uses dual technology, combining microwave and passive infrared, with a maximum range of 12 m. The package includes a Pet-immunity lens, which, if used, requires the sensor to be installed at a height of 1.10 m. The detection angle is 7.5°

velum wls
curtain motion detector



velum wls has the same functions as the wired version, but communicates with the *lares 4.0* control panel on the radio band at 868.5 MHz.

Technical features

	velum	*velum wls*
Power supply:	12-14 Vdc	1 battery pack 3,6 V - 2,7 Ah
Power consumption:	30 mA	Battery life up to 2 years
Vertical coverage:	Wide: 12 m, IR 90°, MW 80°	
Horizontal coverage:	Wide: 12 m, IR 7.5°, MW 32°	
Detectable zones:	1 curtain, 7.5°	
Protection rating:	IP54	
Dimensions:	38 x 129 x 40 mm (WxHxD)	

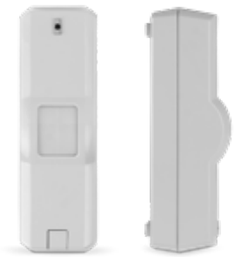
How to order

	KSI5302010.303	KSI5402010.303

Accessories

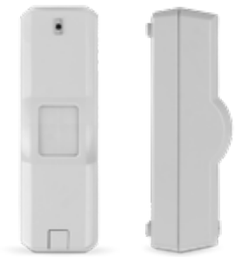
	KSI5900003.003 - Rain cover	
	-	KSI7203627.000 - 3.6 V-2700 mAh lithium battery pack

velum-C
indoor motion detector



velum-C is a curtain-type motion sensor that can be installed either indoors or outdoors in the centre of the upper frame of doors and windows, glass walls or other building access points. It projects a screening barrier that completely covers the area to be protected.
The *velum-C* sensor uses dual technology: microwave and infrared, with a maximum range of 6 metres.

velum-C wls
indoor motion detector



velum-C wls has the same functions as the wired version, but communicates with the *lares 4.0* control panel on the radio band at 868.5 MHz.

Technical features

	velum-C	*velum-C wls*
Power supply:	12-14 Vdc	1 battery pack 3,6 V - 2,7 Ah
Power consumption:	30 mA	Battery life up to 2 years
Vertical coverage:	Wide: 6 m, IR 90°, MW 80°	
Detectable zones:	1 curtain, 7.5°	
Installation height:	2 - 6 m ceiling	
Protection rating:	IP54	
Weight:	90 g	
Dimensions:	38 x 129 x 40 mm (WxHxD)	

How to order

	KSI5302011.303	KSI5402011.303

Accessories

	-	KSI7203627.000 - 3.6 V-2700 mAh lithium battery pack

poli
magnetic contact

The name *poli* is the plural of *polus*, a word derived from Latin meaning "pole".

poli is a wireless magnetic contact with 2 auxiliary inputs. Its main feature is that it manages three zones: one magnetic contact and two wired inputs on board.
The 2 programmable inputs of *poli* can be used to connect external wired magnetic contacts or sensors (such as roller shutter or glass break sensors), effectively making it a small wireless expansion module (up to 3 zones).

Why choose *poli*

Like all Ksenia products, *poli* is equipped to counter the most insidious attempts at tampering, thanks to its anti-opening and anti-tear protections.

It adapts to any interior style thanks to its minimalist design and is available in three colours: white, brown and grey.

Advantages for the installer

poli integrates 868 MHz wireless technology.

It incorporates DPMS (dynamic power management system) technology, which reduces interference and extends battery life.

It can automatically select the best radio path in multi-receiver systems.



EN50131 - Grade 2

T031

Technical features

Radio frequency: 868 MHz

Power supply: 1 CR123A lithium battery

Battery life: up to 4 years

Inputs: 2 configurable

Contact dimensions: 90 x 30 x 30 mm (WxHxD)

Magnet dimensions: 34 x 15 x 14 mm (WxHxD)

How to order

KSI5001000.301 - white

KSI5001000.303 - grey

KSI5001000.304 - brown

Accessories

KSI7203015.000 - CR123A lithium battery (200 pieces per pack)

nanus poli
micro magnetic contact

The name *poli* is the plural of *polus*, a word derived from Latin meaning "pole".

nanus poli is a small wireless magnetic contact.
nanus poli is a wireless sensor with an extremely sophisticated design. Thanks to its compact size, it can be installed on any window frame without altering its appearance.

Why choose *nanus poli*

Because it guarantees a reliable and secure signal, avoiding interference.

Because it is robust and durable.

It adapts to every need and is available in three different colours: white, brown and grey.

Advantages for the installer

nanus poli integrates 868 MHz wireless technology.

It incorporates DPMS (Dynamic Power Management System) technology, which reduces interference and extends battery life.

It can automatically select the best radio path in multi-receiver systems.



Technical features

Radio frequency: 868 MHz

Power supply: 1 CR2032 lithium battery

Battery life: up to 2 years

Contact dimensions: 53 x 30 x 10 mm (WxHxD)

Magnet dimensions: 12 x 36 x 09 mm (WxHxD)

How to order

KSI5002000.301 - white

KSI5002000.303 - grey

KSI5002000.304 - brown

Accessories

KSI7203002.000 - CR2032 button battery (200 pieces per pack)

micro poli
multifunction magnetic contact

The name *poli* is the plural of *polus*, a word derived from Latin meaning "pole".

micro poli is a multifunction wireless sensor with a simple, minimalist design.
micro poli performs the functions of two devices in one: it is a magnetic anti-masking contact for detecting the opening of doors and windows and an inertial sensor for detecting vibrations of increasing intensity, up to the breaking of glass or windows.
Thanks to the presence of an accelerometer based on MEMS technology, it is able to generate an alarm in the event of vibrations exceeding the programmed sensitivity threshold.

Why choose *micro poli*

It can accurately detect the window opening angle, allowing you to leave it slightly open without false alarms; ideal for bottom-hung windows, tilt-and-turn windows and overhead doors.

Thanks to the MEMS-based accelerometer, you can set the maximum opening limit for bottom-hung windows, beyond which the alarm is triggered.

Design: the *micro poli* sensor is available in three different colours – white, brown and black – to suit any environment.



EN50131 - Grade 2 T031 SSF101 Larmklass R

Technical features

- Radio frequency: 868 MHz
- Power supply: 1 CR2477 lithium battery
- Battery life: up to 4 years
- Tamper-proof: anti-tear and anti-opening
- Protection rating: IP4X
- Contact dimensions: 90 x 30 x 30 mm (WxHxD)
- Magnet dimensions: 34 x 15 x 14 mm (WxHxD)

How to order

- KSI5008000.301 - white
- KSI5008000.302 - black
- KSI5008000.304 - brown

Accessories

- KSI7203010.000 - CR2477 button battery (200 pieces per pack)
- KSI5900004.002 - black spacers kit
- KSI5900007.001 - white spacer kit
- KSI5900007.004 - brown spacer kit



Advantages for the installer

You can choose up to 5 sensitivity levels (from very high to very low) and set how many vibrations must be detected within a certain number of seconds to trigger the alarm.

The circuit inside the sensor is attached to the front plastic cover, allowing the battery to be changed extremely quickly and easily without having to detach and reattach the sensor.

The IP54 protection rating allows it to be installed even in the presence of humidity and condensation.
Installation is also made easier by the possibility of selecting the thicknesses to be used.

Wired detectors for the protection of fixtures

wired magnetic contacts

Ksenia Security's magnetic contacts, available in both flush-mounted and surface-mounted versions, use patented Magnasphere® technology and guarantee a high level of security, comparable to that of triple magnetic balance contacts, as well as reliability and consistent performance over time.

Flush-mounted magnetic contacts



KSI5CLR-TW.0TW



KSI5CLR-MG.00W



KSI5CLR-AL.00W



KSI5CLR-BL.00W

The flush-mounted magnetic contacts have built-in double electrical balancing.

They are characterised by:
•Magnetic anti-masking: contact opening cannot be compromised by magnetic interference from outside the protected perimeter.

• Installation versatility: thanks to a complete range of accessories, they can be mounted on wooden, aluminium, PVC or armoured steel frames. A single contact compatible with all types of windows and doors, ensuring maximum speed and ease of installation.

How to order

KSI5CLR-TW.0TN - brown flush-mounted magnetic sensor	■
KSI5CLR-TW.0TW - white flush-mounted magnetic sensor	□
KSI5CLR-MG.00N - brown magnet	■
KSI5CLR-MG.00W - white magnet	□
KSI5CLR-AL.00N - brown magnet and adapter for window frames (aluminium/PVC)	■
KSI5CLR-AL.00W - white magnet and adapter for window frames (aluminium/PVC)	□
KSI5CLR-BL.00N - brown magnet and adapter for security doors	■
KSI5CLR-BL.00W - white magnet and adapter for armoured doors	□

Surface-mounted magnetic contacts



KSI5CLS-TW.2CW



KSI5CLH111.000

Visible magnetic contacts are particularly versatile and suitable for both residential and commercial applications.

They stand out for:
•Magnetic anti-masking: contact opening cannot be inhibited by magnetic interference from outside the protected perimeter.

•Complete resin coating: guarantees high resistance to atmospheric agents and makes them suitable for both indoor and outdoor use (IP67 protection rating).

•Certified reliability: compliant with regulations with Grade 3 safety certification.

How to order

KSI5CLS-TW.2CN - brown exposed magnetic contact	■
KSI5CLS-TW.2CW - white visible magnetic contact	□
KSI5CLH111.000 - stainless steel visible magnetic contact	■

Inertial sensor

Ksenia Security's *inertial sensors* can be connected directly to the inputs of the *auxi* modules and installed freely, either horizontally or vertically, without any loss of performance.
Thanks to the complete resin coating of the circuits and the robust fibreglass-reinforced nylon casing, they are also particularly suitable for outdoor applications.

Their main features are:
• resin-coated internal circuits
• reliability and consistent performance over time
• total freedom of positioning



How to order

KSI5CLV-02.00W - white inertial sensor



nebula
smoke detector

With its sophisticated, minimalist design, *nebula* is an optical smoke detector that signals the presence of smoke and activates the alarm. *nebula* is an optical smoke sensor available in two versions, one with a mesh finish and the other with tempered glass on the surface, and in two operating modes: wired and stand-alone.

Why choose *nebula*

Its elegant, minimalist design and the choice of two different styles allow the detector to be adapted to any type of environment.

All versions feature a red LED to signal an alarm.

The high-quality materials used to manufacture the sensor ensure durability and resistance.



nebula
wired smoke detector



With its sophisticated, minimalist design, *nebula* is a wired optical smoke detector that signals the presence of smoke and activates the alarm. EN54-4 certified.

nebula wls
stand-alone smoke detector



nebula wls is a stand-alone optical smoke detector that incorporates a siren to signal the alarm.
By installing the dedicated Ksenia bidirectional wireless interface inside it, it can communicate the alarm and its status with a *lares 4.0* series control panel.

Technical features

	nebula	*nebula* wls
Power supply:	9 - 33 Vdc	9 V lithium battery
Power consumption:	20 µA stand-by / 25 mA max	up to 10 years, up to 4 years when used with KSI5003000.300 radio interface
Dimensions:	ø 112x37 mm (vetro) e ø 95x21 mm (mesh)	

How to order

	KSF5100001.001 - glass design	■	KSF5300001.001 - glass design	■
	KSF5100001.003 - grey mesh design	■	KSF5300001.003 - grey mesh design	■
	KSF5100001.011 - white mesh design	□	KSF5300001.011 - white mesh design	□

Accessories

	-	KSI5003000.300 - Bidirectional WLS interface

SIRENS



Power, reliability and visibility: Ksenia Security's range of sirens guarantees a rapid and recognisable response in the event of an emergency. With a powerful and distinctive sound, the sirens complete the security system by making any intrusion immediately apparent.

radius
indoor siren and emergency light

***radius* is a Latin word meaning "ray" or "beam of light".**

radius is Ksenia's indoor siren that also acts as an emergency light, thanks to a 3 W LED flasher. It has an exclusive design and is extremely compact and slim (only 37 mm at its thickest point).
Thanks to cutting-edge technology, it delivers excellent performance with maximum energy savings. Its particularly high-pitched sound is designed to disturb intruders and prompt them to leave the premises immediately.

Why choose *radius*

The design is elegant and customisable: it blends perfectly into any environment thanks to its refined style and four interchangeable covers in red, grey, white and black.

In the event of a power failure, the emergency lamp mode kicks in: thanks to a backup battery, *radius* can illuminate the area in which it is installed, ensuring peace of mind and visibility.

The programming responds to different usage requirements: it can be easily configured so that it does not emit any sound in specific alarm activation modes (for example during night-time arming, to avoid disturbance).



EN50131 - Grade 3

T031

SSF1014 Larmklass 3

Technical features

Power consumption: 15 mA stand-by, 250 mA max
Lithium buffer battery: 7,4 Vdc - 900 mAh
Buzzer: >100 dBA -1 m
Dimensions: 102 x 142 x 37 mm (WxHxD)

How to order

KSI6101000.310

Accessories

KSI7207008.000 - 7.4 Vdc lithium-ion battery pack - 850 mAh



vox
outdoor sirens

***vox* is a Latin word meaning "voice", "word", "sound".**

vox is the family of Ksenia outdoor sirens on BUS available in two models: *vox-C* and *vox-M*, equipped with numerous advanced features.

vox sirens are designed to ensure maximum protection against any tampering attempts: they detect the opening of the cover, removal from the wall thanks to the anti-sabotage tamper, cutting of the BUS and even obstruction of the horn with foam thanks to the anti-foam tamper. They are also equipped with an anti-drilling tamper.
The *vox-M* version stands out for an additional feature: it allows the playback of customisable voice messages.

Why choose *vox*

The minimalist design makes the *vox* siren suitable for any type of structure.

The *vox-M* siren is equipped with three anti-tamper devices: anti-opening, antiremoval and anti-foam.

With *vox-M*, you can configure voice messages according to your needs and requirements.

Advantages for the installer

Installation is extremely simple:
it connects to the *lares 4.0* BUS and is fully programmable remotely.

The internal electrical circuits are resincoated and the casing, made of robust material robust material, effectively resists atmospheric agents.

vox-M is designed for use with the antidrilling kit.



vox-M
outdoor siren



EN50131 - Grade 3 T031

A specific feature of the outdoor *vox-M* is the ability to reproduce voice messages in addition to mono-tone or two-tone sounds. The number and duration of the messages can be configured by the installer based on the description entered in the configuration using *Loquendo* voice synthesis technology. This makes it possible to reproduce multiple voice messages, where the first is associated with the alarm and the second is freely configurable according to requirements. *vox-M* is equipped with two side RGB LEDs, configurable for colour and associated events, and a third LED for lighting, as a courtesy light, which is also programmable.

vox-C
outdoor siren



vox-C is an extremely robust outdoor siren, designed to emit a powerful acoustic signal in the event of an alarm. Thanks to simplified electronics, it offers reliable performance and numerous security features such as highpower sound reproduction and protection against tampering attempts. It has 3 LEDs: the two on the sides are used to indicate the status of the system, while the central one flashes when the siren is activated.

Technical features

	vox-M	*vox-C*
Power consumption:	350 mA max	250 mA max
Voice messages:	Yes, customisable	No
LED:	2 RGB, 1 for illumination	3 orange
Tamper:	Anti-foam, anti-opening and anti-removal	Anti-opening and anti-removal
Protection rating:	IP44	
Peso:	1,8 Kg	
Dimensions:	310 x 226 x 92 mm (WxHxD)	

How to order

	KSI6301011.301 - white ☐	KSI6301010.301 - white ☐

Accessories

	KSI6901011.300 - Anti-perforation membrane	-

imago
outdoor sirens

The name *imago* derives from Latin and means "image" or "portrait".

imago is an outdoor siren available in two versions, BUS and wireless, with an extremely sophisticated design.
With a thickness of only 6 cm and an elegant, highly customisable design, it blends discreetly into any architectural context, adding style even to the most demanding outdoor environments. It is equipped with two configurable LEDs, generally used to indicate the status of the system, and a 3 W power LED to visually indicate, for example, an alarm.





Technical features

	imago BUS	*imago* wls
Power supply:	13,8 Vdc	7.5 V 8 Ah alkaline battery pack
Power consumption:	10 mA at rest / 120 mA max	Battery life: 3 years
Protection rating:	IP43	
Dimensions:	195 x 330 x 60 mm (WxHxD)	

How to order

	KSI6301000.31X* - BUS white cover ☐	KSI6401000.31X - WLS white cover ☐
	*Available background colours: orange (.317), red (.318) e blue (.319).	
	KSI6301000.33X** - BUS metallic grey cover ■	KSI6401000.33X - WLS metallic grey cover ■
	**Available background colours: orange (.337), red (.338) e blue (.339).	

Accessories

	KSI7206012.000 - 6 Vdc -1.2 Ah battery for *imago BUS*	KSI7207580.000 - 7.5 Vdc -8000 mAh battery for *imago wls*



Why choose *imago*

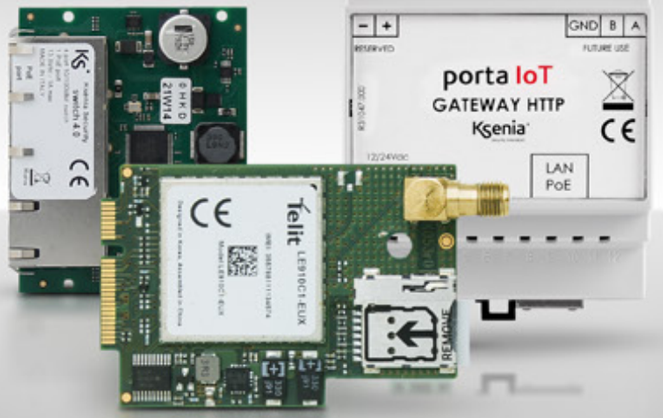
The design is customisable, with a choice of three colours for the transparent base (orange, red and blue) and four colours for the front (white, metallic grey, navy blue and olive green).

The siren is highly resistant as it is made of polycarbonate, a material that offers high impact resistance, making it less rigid and therefore more durable over time.

The design is sophisticated thanks to the compass opening.

COMMUNICATORS





Communicators are at the heart of the security system's connectivity, ensuring fast and reliable transmission of information. Thanks to advanced technologies, they greatly enhance the communication capabilities of the *lares 4.0* platform.

gemino IoT

4G-LTE/IP communicator



The name *gemino* derives from the Latin verb *geminare*, which means "to double", "to duplicate", "to increase".

gemino IoT is an additional device which, thanks to its on board 4G/LTE module, greatly enhances the communication capabilities of *lares 4.0*.
It communicates with the control panel via a LAN connection and can therefore be installed in a remote location from the control panel itself, in order to find the best 4G signal coverage. It has a built-in antenna, but for special requirements, it can be deactivated by installing a remote antenna.
It can operate at both 12 V and PoE; with the 12 V power supply taken directly from the control panel, the module remains operational even in the event of a power failure.
It can function as a backup to the existing LAN connection or as a router for data network management. It allows you to send calls, text messages, emails and alerts to security companies.

Technical features
Power consumption: PoE classe 3 (12,95 W)
Maximum data speed: 10 Mbit/s download, 5 Mbit/s upload
Box dimensions: 102 x 140 x 30 mm (WxHxD)

How to order
KSI4104000.310

Accessories
KSI4800005.300 - Multi-band antenna with 10 m cable

add-on 4G/LTE

additional module



EN50136 - Grade 3

T031

The *4G/LTE add-on* is an additional module that is installed directly on the motherboard of the *lares 4.0* control panel and enhances its communication capabilities using the 4G/LTE network. The module provides a data channel capable of providing a complete backup of the communication network in the event of a failure or temporary lack of coverage, from the 4G/LTE network to the IP network and vice versa, ensuring total communication security and data. The add-on module has several features, including: it can send calls, text messages, emails and alerts to security companies; it can be configured and managed entirely remotely.

Technical features
Power consumption: 50 mA standby, 2,2 A max
Technology VoLTE: Yes
Dimensions: 62 x 36 x 14 mm (WxHxD)

How to order
KSI4104001.300

Accessories
KSI4800009.300 - Multi-band antenna for plastic box
KSI4800006.300 - Multi-band antenna with 30 cm cable for metal box
KSI4800008.300 - Multi-band antenna with 5 m cable
KSI4800005.300 - Multi-band antenna with 10 m cable

PSTN add-on

additional module



EN50136 - Grade 2

PSTN add-on is an additional module that allows you to expand the communication capabilities of the *lares 4.0* control panel. It allows voice calls and Contact ID messages to be sent whenever one of the events programmed in the control panel occurs. Installation is quick: it plugs into the control panel's motherboard and connects to the telephone line via a standard connector.
It can function both as a backup for the 4G/LTE module and as the main line. It is not compatible with the plastic box.

Technical features
Power supply: 12 V e 3,3 Vdc
Power consumption: 10 mA at 12 V, 30 mA at 3,3 Vdc
Connettore: Rj-11 (2)
Dimensions: 38 x 80 x 16 mm (WxHxD)

How to order
KSI4200001.300

switch 4.0

network switch



switch 4.0 is a network switch designed and manufactured to connect *lares 4.0* control panels with Ksenia Security IP modules. It has 4 network ports, 3 of which are standard and one is PoE (Power over Ethernet).
It is powered at 12 V directly from the control panel power supply: this guarantees a backup of the control panel's buffer battery in the event of a power failure.

Technical features
4-port switch: 10/100 Mbit, including 1 PoE port 13 W max
Dimensions: 60 x 75 x 16 mm (WxHxD)

How to order
KSI4400000.300

porta 4.0

KNX gateway

The name *porta* derives from Latin and means “access” or “passage”.

porta 4.0 allows you to integrate KNX, the standard communication protocol for home and building automation (domotics and building automation), and *lares 4.0* control panel. When this integration takes place and a KNX datagram is received by *porta 4.0*, the following actions can be performed on the *lares 4.0* control panel: enable/disable partitions, activate scenarios, include/exclude zones, enable/disable outputs.
Furthermore, the *lares 4.0* control panel can send datagrams to the KNX system if there is a change in partitions, zones or outputs.

Advantages for the installer

Its management is fully integrated within the *lares 4.0* control panel and can be configured directly from the control panel’s web server, without the need for any dedicated software.

The firmware can be updated at any time, either locally or remotely, even from mobile devices.

It is powered directly by PoE or via an external power supply (12/24 Vdc).



Technical features

Power supply: 12/24 Vdc or PoE
Power consumption: 250 mA max
Dimensions: 69 x 86 x 58 mm (WxHxD) - 4 DIN modules

How to order

KSI4300001.300

porta IoT

bidirectional HTTP gateway

The name *porta* derives from Latin and means “access” or “passage”.

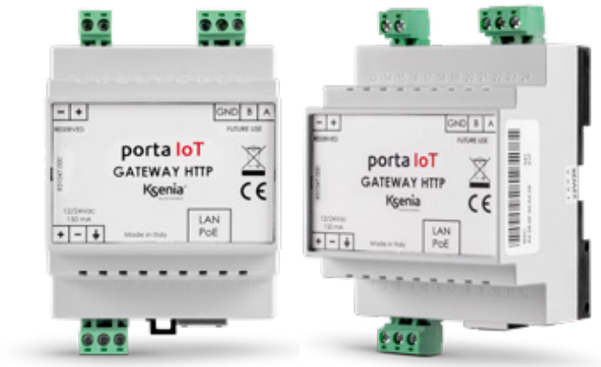
porta IoT is a licensed gateway device that communicates via the http/https protocol, one of the protocols that allows thousands of different IoT devices to communicate with each other. *porta IoT* interfaces easily and immediately with *lares 4.0* control panels, eliminating the need for SDK integrations. This is possible because *porta IoT* exposes the http/https APIs that allow, among other things, to: bypass/unbypass, alarm, reset zones; activate/deactivate monostable/bistable outputs; run a scenario and arming/disarming partitions. The device contains the HTTP Gateway licence, which enables two-way communication, enabling the control panel to issue commands to third-party devices for executing actions or scenarios, such as: sending commands to smart Wi-Fi devices to activate their outputs; sending commands to motorised cameras to frame specific areas or activate particular functions.

Advantages for the installer

Allows you to integrate any third-party IP device capable of exchanging HTTP strings, configuring it from the *lares 4.0* web interface without dedicated software.

You can select the level of security for communication by activating the https protocol or by adding an encryption key.

It connects to the control panel via Ethernet and can be powered either via PoE or via an external power supply (12/24 Vdc).



Technical features

Power supply: 12/24 Vdc or PoE
Power consumption: 250 mA max
Dimensions: 69 x 86 x 58 mm (WxHxD) - 4 DIN modules

How to order

KSI4300002.300

Video surveillance and video analysis

A video surveillance system monitors and records sensitive areas using cameras connected to a closed circuit to ensure the security of private and public environments, integrating with security systems and offering even more protection and benefits for the user. With the Ksenia system, any type of camera can be integrated **without purchasing additional licences or hardware**.

Each type of *lares 4.0* control panel has a maximum number of cameras that can be managed, ranging from 4 to 30, which can be expanded up to 63, thus creating an integration that has two main advantages:

- the ability to use the same app that the user uses with their intrusion detection and home automation system to view live camera footage;
- the ability to associate cameras with sensors: in the event of an alarm or other sensitive events, the control panel will store 3 frames in the event log.

Another important feature of the *lares 4.0* control panel is the ability to configure IP zones, i.e. virtual zones that allow the control panel to receive signals from any device connected to the network. Thanks to this function, for example, it is possible to use cameras as if they were intrusion sensors.

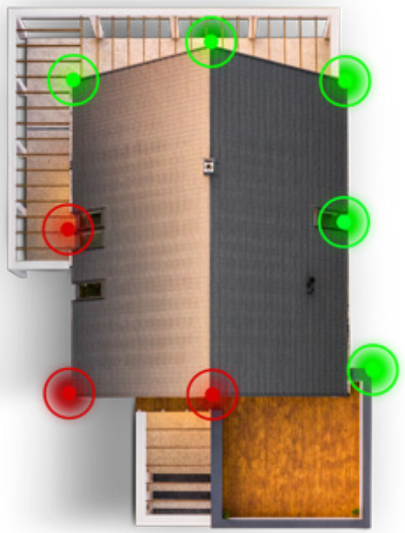
Any violation of the video analysis rules triggers an alarm in one or more IP zones within the Ksenia control panel, creating a perfect combination of intrusion detection and intelligent CCTV systems, all without the need for special wiring or additional hardware.

The *porta IoT*

Video analysis is enhanced with additional opportunities thanks to the *porta IoT*, the gateway HTTP that allows simple and immediate interfacing with Ksenia control panels. Installed on the same network as the control panel and cameras, it manages communications from integrated CCTV devices, offering advanced features such as:

- **supervision of the status of the cameras** to ensure that they are connected to the network and therefore able to communicate any alarms;
- **receiving commands** not only to activate alarms, but also to perform other actions (e.g. activating/deactivating outputs, managing partitions, executing scenarios).

Furthermore, with the gateway HTTP, **communication is bidirectional** and **the control panel can therefore send signals to third-party devices** (for example: sending commands to motorized cameras to frame specific areas, activating or deactivating video analysis or privacy zones on cameras, and turning smart bulbs or third-party home automation modules on or off).



EXPANSION MODULES



Expansion modules allow you to adapt and enhance the *lares 4.0* platform, adding new features and increasing inputs and outputs. Ksenia Security offers a wide range of expansion modules, designed to meet every need.

The name *auxi* derives from Latin and is the perfect tense form of the verb *augere*, which means "to grow", "to increase", "to enhance".

Ksenia Security expansion modules are designed to expand the capabilities of any installation, taking security systems and home automation solutions to the next level by integrating advanced features that enhance their performance.

Advantages for the installer

Simple acquisition directly from the control panel via the serial number.

Most Ksenia BUS expansion modules have the same dimensions (70x35 mm) and share the mounting slots on the box.

The Ksenia range includes 11 BUS models and 4 wireless to suit every need.

Thanks to their compact size, they can be easily installed on DIN rail.



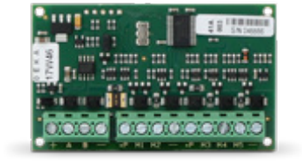


Accessories

	KSI7300000.001 - Plastic protective container for insertion: *auxi*, *auxi-H*, *auxi-10*, *auxi-L*, *auxi relè*, *auxi-A* and *divide* in box or on DIN rail.	KSI7302000.010 - Only the "slim" version of the plastic boxes: can alternatively contain 2 moduli *auxi*, *auxi-H*, *auxi-10*, *auxi-L*, *auxi relè*, *auxi-A* and *divide*. Complete with anti-opening and anti-tear tamper.

auxi

I/O expansion module



EN50131 - Grade 3 T031 SSF1014 Larmklass 3

This is the first expansion module developed by Ksenia and it has features that make it extremely flexible.

It features 5 terminals that can be freely configured as either inputs or open collector outputs, each supporting up to 500 mA. In addition, one of the five terminals can be programmed as an analogue input and another as an analogue output. The module directly supports roller shutter sensors and inertial sensors, without the need for external analysis boards.

Technical features
Power consumption: 20 mA
Analogue output: 1, 0-10 V, 20 mA max
Open collector outputs: 5, 13,5 V, 500 mA max
Analogic inputs: 1, 0-10 V
Alarm outputs: up to 5
Dimensions: 75 x 45 x 11 mm (WxHxD)

How to order
KSI2300000.300

auxi-1

I/O expansion module



Why ***-1***: because it allows single input/output expansion.

Its main feature is its small size, which allows it to be easily housed even in the sensor body or in very small junction boxes. When configured as an input, it can be connected to any third-party sensor.
auxi-1 directly supports roller shutter sensors and inertial sensors, without the need for external analysis boards.

Technical features
Power consumption: 15 mA
Open collector output: 1, 13,5 V, 500 mA max
Alarm output: 1
Dimensions: 35 x 20 x 11 mm (WxHxD)

How to order
KSI2300008.300

auxi-10

input expansion module



EN50131 - Grade 3 T031 SSF1014 Larmklass 3

Why ***-10***: because it allows expansion up to a maximum of 10 additional inputs.

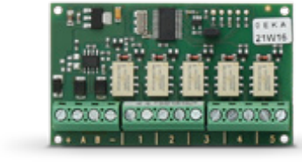
Thanks to its size, it allows you to increase the number of available inputs, reducing the number of peripherals to be connected to the BUS. All 10 inputs are freely configurable and compatible with any type of balancing or sensor technology.
auxi-10 directly supports roller shutter sensors and inertial sensors, without the need for external analysis cards.

Technical features
Power consumption: 15 mA
Alarm outputs: 10
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order
KSI2300003.300

auxi relè

relay expansion module



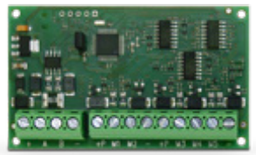
Why ***relè***: because it allows the expansion of up to 5 (1 A) relay outputs.

Each output can be configured as NC, NA, bistable or monostable with programmable activation.

Technical features
Power consumption: 100 mA max
Relay outputs: 5, 250 V - 1 A (30 W max)
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order
KSI2300001.300

auxi-A
I/O expansion module



EN50131 - Grade 3

T031

Why ***-A***: its strength lies in the presence of 4 out of 5 terminals that can be used as analogue inputs or outputs.

Specifically, analogue inputs connected to a compatible sensor can manage voltage ranges to which events and notifications are associated; analogue outputs can be used as intensity regulators (dimmers), allowing brightness to be increased or decreased. The user can manage these functions via the *lares 4.0* app or the *conexa* keypad. Finally, the module directly supports roller shutter sensors and inertial sensors, without the need for external analysis boards.

Technical features
Power consumption: 25 mA
Analogue outputs: 4, 0-10 V, 20 mA max
Open collector outputs: 5, 13,5 V, 500 mA max
Alarm inputs: up to 5
Analogic inputs: 4, 0 - 10 V
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order
KSI2300007.300

auxi-L
relay expansion module



Why ***-L***: because it is a light management module.

Thanks to the presence of five 8 A relay outputs with a common terminal, wiring is greatly simplified and it is the ideal module for managing lights and loads.

Technical features
Power consumption: 120 mA
Relay output: 5, 250V, 8 A max
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order
KSI2300004.300

auxi-H
home automation expansion module

Why ***-H:*** because it is the ideal module for home automation management.

auxi-H is a versatile expansion module. Thanks to a jumper on the board, you can select one of two operating modes:
1. *auxi-HT*: mode designed for complete management of windows with motorised roller blinds. The two 8 A relay outputs operate in an interlocked manner, allowing direct control of the roller blind motor. Through the scenarios configured on *lares 4.0,* it is possible to open and close the roller blinds completely or manage a partial opening.
2. *auxi-HL*: mode designed for lighting control. In this configuration, the two relay outputs can be freely managed both by *lares 4.0* scenarios and by buttons connected to local inputs.

In both modes:
- It is also possible to control the outputs via the *lares 4.0* app and voice assistants, creating customised scenarios on Alexa or Google Home independently.
- The module has 2 freely configurable inputs and 1 input dedicated to the alarm, for connection to roller shutter sensors.
- The module has 2 inputs for local buttons (NO) that also work during the control panel start-up phase when the configuration has not yet been carried out.



Technical features
Power consumption: 70 mA
Relay outputs: 2, 250 V 8 A max
Dedicated input for roller shutter sensor: 1
Inputs for local buttons: 2
Alarm outputs: 2
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order
KSI2300005.300

auxi-HT wls

wls module for roller blinds

RELEASE 2026



Why ***-HT***: because it is the ideal module for managing roller shutters.

auxi-HT wls is a versatile expansion module that communicates with the *lares 4.0* control panel wirelessly and is powered by 220 V. The two relay outputs operate in an interlocked manner, allowing direct control of the roller shutter motor. Through the scenarios configured on *lares 4.0*, you can open and close roller blinds completely or manage partial opening. You can also control the outputs via the *lares 4.0* app and voice assistants, creating customised scenarios on *Alexa* or *Google Home* independently. The module has 2 inputs for local buttons (NA) that also work during the control panel start-up phase when the configuration has not yet been carried out.

Technical features

Radio frequency: 868 MHz
Outputs: 2 relays
Inputs: 2 local
Dimensions: 35 x 42 x 20 mm (WxHxD)

How to order

KSI2300009.300

auxi-HL wls

wls relay module

RELEASE 2026



Why ***-HL***: because it is the ideal module for lighting management.

auxi-HL wls is a versatile expansion module that communicates with the *lares 4.0* control panel wirelessly and is powered by 220 V.
The two relay outputs can be freely managed both by the *lares 4.0* scenarios and by the buttons connected to the local inputs (NA), which also work when the control panel is starting up and the configuration has not yet been carried out.
The outputs can also be controlled via the *lares 4.0* app and voice assistants, creating customised scenarios on *Alexa* or *Google Home* independently.

Technical features

Radio frequency: 868 MHz
Outputs: 2 relays
Inputs: 2 local
Dimensions: 35 x 42 x 20 mm (WxHxD)

How to order

KSI2300010.300

matrix

universal transmitter



matrix is a universal wireless transmitter that connects third-party motion detectors to the platform *lares 4.0*, with which it communicates on the 868 MHz radio band. Thanks to *matrix*, it is possible to make any type of low-power wired sensor wireless, in particular OPTEX sensors (from the BXS, VXS, WXI, WXS and QXI series in radio version). In the specific case of OPTEX detectors, communication with *matrix* takes place via serial connection: simply connect the serial port of the *matrix* to that of the OPTEX detector using the cable provided. Thanks to this connection, it is not necessary to wire the terminal block. Furthermore, OPTEX sensors can be quickly and easily configured directly from the Ksenia *SecureWeb* interface or from *Ksenia Pro* app, without the need to adjust the dip switches on the sensor.
matrix can be powered by 1 to 3 standard lithium batteries (type CR123A). Thanks to its intelligent standby mode, when the sensor partition is deactivated, detection is suspended, resulting in significant battery savings.

Technical features

Operating frequency: 868 MHz
Power supply: CR123A lithium batteries (1 to 3)
Inputs: 1 alarm (NC - NA), 1 tamper (NC)
Serial interface compatible with OPTEX sensors
3-axis accelerometer for tampering
Range in free air: up to 300 m
Dimensions: 43 x 100 x 17 mm (WxHxD)

How to order

KSI5003001.300

matrix BUS

input expansion module



matrix BUS is an input expansion module.
It has an integrated input compatible with any type of 12 V sensor. *matrix BUS* is compatible with low-power OPTEX sensors. In this case, the OPTEX sensor can be configured directly from the Ksenia *SecureWeb* interface or from *Ksenia Pro* app, quickly and easily. It does not require a battery because it is powered via the KS-BUS.
Its dimensions are extremely compact and it has a small buzzer inside to help the installer identify the position of a sensor within a room.

Technical features

Power consumption: 50 mA
Input: 1 programmable
Serial interface compatible with OPTEX sensors
Audible buzzer
Dimensions: 14 x 71,5 x 8 mm (WxHxD)

How to order

KSI2300006.300

divide
isolator / BUS repeater



EN50131 - Grade 3 T031

divide is a KS-BUS isolation module.
Its function is to separate a portion of the BUS connected to the control panel, thus allowing part of the system to be isolated. In this way, any faults or sabotage of peripherals connected to the BUS will not compromise the operation of the rest of the system. In addition, the resulting signal regeneration allows the section to be extended by a further 500 m. Given the nature of the device, no programming is required: the control panel and/or devices on the BUS continue to 'detect' each other transparently.

Technical features

Power consumption: 20 mA
Terminals for the KS-BUS: 2
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order

KSI2500000.300

BUS HUB
connection module



BUS Hub is an extremely compact module designed to simplify and speed up wiring and subsequent maintenance operations. It connects to the BUS from the control panel and has 6 removable terminal blocks to which 6 separate BUS branches can be connected.
There are 4 terminals for connecting positive power supplies and 4 for connecting negative power supplies.
The module is powered directly from the control panel and is equipped with 6 pre-terminated cables to speed up wiring.

Technical features

Terminal blocks: 6 removable
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order

KSI2500001.300

opis
supervised power supply station



EN50131 - Grade 3 T031

opis is a supervised power supply station that allows the system BUS to be sectioned and regenerated on 2 additional BUS branches.
Power for these new branches is supplied directly by *opis*, which is protected by a 1.5A self-resetting thermal fuse.
The device is fully supervised by the control panel, which can monitor the status of the BUS branches, the power supply voltage and the battery charge level in real time.

Technical features

Battery management: from 18 Ah
Power consumption: 50 mA stand-by
Maximum current available for external devices: 1450 mA Grade 2 - 550 mA Grade 3
Dimensions: 75 x 45 x 16 mm (WxHxD)

How to order

KSI2400000.300

Accessories

KSI7403130.010 - white metal box 325x400x90 mm.
KSI7404130.010 -white metal box 325x440x90 mm.

duo BUS
BUS transceiver/repeater



EN50131 - Grade 3 T031

duo BUS is a BUS repeater that allows you to expand any *lares 4.0* control panels by providing up to 64 wireless devices, for a total of 128 wireless zones and 20 remote controls. Up to 2 transceivers can be connected to the BUS, both to expand signal coverage and to act as backups for each other. *duo BUS* can also function as a signal repeater, simply by configuring it as a repeater and powering it locally.

Technical features

Radio frequency: 868 MHz
Power consumption: 50 mA
I/O terminals: 2
Range in free air: up to 400 m
Dimensions: 100 x 140 x 28 mm (WxHxD)

How to order

KSI2600000.310

domus
multifunction module

The name *domus* comes from Latin and means "house".

domus is a multifunction home automation module that allows you to have four different sensors in a single device in every room: temperature, relative humidity, motion and light intensity sensors.
The temperature and humidity sensors are able to optimise the air conditioning and dehumidification system in order to achieve the desired comfort level. You can create and customise settings according to your needs using the *lares 4.0* app.
The motion sensor is used for home automation purposes: in combination with the *auxi-L* module, it allows you to turn lights on and off depending on the brightness inside, whenever someone enters a room.
The light intensity sensor can measure the lux in a room.

Why choose *domus*

It is easy for the end user to manage via the *lares 4.0* app.

The chronothermostat function includes several integrated features, including: manual or programmed temperature adjustment, 'eco' mode and display of the historical temperature and humidity of the environment.

When a difference is detected between the desired humidity value and the recorded value events are generated to which automatic actions can be associated.

Advantages for the installer

domus connects to *lares 4.0* control panels via the KS-BUS 4-wire serial bus and it is programmed directly from the control panel.

During programming, the motion sensor can be associated with the light intensity sensor by simply enabling the option via a flag.

The small size of *domus* occupies only one module of the 503 box and easily adapts to any civil series.



Technical features

Power consumption: 10 mA max

Installation height: 1,2 - 1,5 m

Dimensions: 19 x 46 x 44 mm (WxHxD)

How to order

KSI2700000.300

Accessories

KSI2900000.001 - Optional frame for 60 mm roud box

energia
consumption control module

The name *energia* derives from Latin and means "energy".

energia is the BUS peripheral that allows you to control energy consumption and manage electrical loads.
Each module has 2 separate lines, L1 and L2, on which it measures both voltage and current, each of which can support up to 6kW.
Consumption management is implemented based on data collected by the *energia* module.
This data is stored, processed and displayed using graphs that show consumption trends over time. It is possible to measure the power consumption (consumption), that produced (in the case of a photovoltaic system) and both (energy balance).
Energy also allows you to set two thresholds: one for warning and one for disconnecting loads if the programmed threshold is exceeded, based on the user's priorities. It collects data on a daily, weekly, monthly and annual basis, which can be viewed in graphs form on *lares 4.0* app, allowing users to analyse it, identify waste and improve efficiency in every environment.

Why choose *energia*

It responds to requests for improved energy efficiency.

It allows you to monitor consumption trends over time through easy-to-use bar graphs.

Allows you to programme the disconnection of loads after 2 thresholds have been exceeded.

Advantages for the installer

The module connects quickly to the control panel via the KS-BUS.

The module configuration is simple and intuitive.

It connects to the *lares 4.0* control panel via the 4-wire KS-BUS serial bus and is programmed directly.



Technical features

Power supply 100-240 Vac - Maximum consumption 0,5 W

Power consumption: 100 mA max @12 V

Maximum power: 2x6 KW (if 220 Vac) - 2x3 KW (if 110 Vac)

Number of output relays: 4, 250 V, 1 A (30 W max)

Dimensions: 53 x 90 x 62 mm (WxHxD)
3 DIN modules

How to order

KSI2700001.300

intro
module for access control

The name *intro* comes from Latin and means “to enter”, “to cross”.

intro is a BUS peripheral device for access control that represents the physical core of the access control system designed by Ksenia. The *intro* module was created to facilitate the installer’s work, optimising both the installation and configuration phases. *intro* was designed to protect any door equipped with an electronic lock and connect up to 2 Ksenia readers or keypads, choosing from *volo, volo-in* and *ergo-X*.
The module has been developed both to simplify access management in accommodation facilities and bed & breakfasts, and to ensure maximum protection of restricted areas of a building such as server rooms, laboratories, archives or other areas, preventing unauthorised persons from entering. Each *intro* module allows you to wire and manage one access point.
The configuration is fully managed and monitored by the *lares 4.0* control panel, including devices connected directly to the *intro*. The administrator can easily define access rules from the *lares 4.0* app or web server, setting time authorisations according to their needs and establishing who can access certain areas and at what times. Authorised personnel access via *Mini Tags* or PIN codes. For areas requiring greater protection, double or single authentication is also available.
The *intro* can be housed on a 6-module DIN rail or inside the plastic box together with a tamper, a power supply and 1 or 2 backup batteries. A stand-alone mode is also provided in case of loss of connection with the control panel.

Why choose *intro*

intro has programming logic that significantly simplifies the user experience for managing the integrated security / access control system.

The access point can be conveniently managed by the administrator-level user. either through the *lares 4.0* app or from a PC via the control panel’s web interface.

The administrator user can manage all authorisations in a comprehensive and programmed manner, defining how many and which users can access how many and which areas.





Technical features

Consumption: 300 mA

6 outputs: 1 output for lock control, 3 programmable outputs, 1 pre-programmed output for Gate status, 1 pre-programmed output for Alert

7 inputs: 5 pre-programmed + 2 programmable inputs programmable 5 V - 20 mA

Dimensions: 35 x 20 x 11 mm (WxHxD)

How to order

KSI2800000.300 - with DIN box

KSI2800001.300 - with plastic box

Accessories

KSI7101260.000 - 13.8 V / 60 W UPS KIT for *intro*, pre-wired on terminal blocks and complete with fuse holder.

KSI7102460.000 - 27.6 V / 60 W UPS KIT for *intro*, pre-wired on terminal blocks and complete with fuse holder.

KSI7212020.000 - 12 Vdc-Ah battery



Advantages for the installer

A LED physically connected to the *intro* module provides the installer with immediate notification of the status of the gate.

The *intro* module has two opto-isolated BUS branches that protect the control panel BUS in the event of tampering with external peripherals.

The DOTL (Door Open Too Long) and FD (Forced Door) alarms do not need to be configured, but only enabled or disabled. It is not necessary to configure events or actions to manage the RTE (Request To Exit) button and the ALERT output.

The presence of additional onboard memory ensures the possibility of future updates and the addition of new features.

INTEGRATIONS

The *lares 4.0* platform integrates easily and securely with third-party applications and systems, thanks to the use of **dedicated APIs**, enabling smooth communication and real-time data exchange.

Thanks to the multiple **integrations** activated, Ksenia Security becomes the heart of a larger system, capable of meeting different needs, improving efficiency and giving the end user the convenience of managing multiple systems within a single platform.





Integrations with virtual assistants

Google Home and Amazon Alexa

The integration between *lares 4.0* control panel and *Google Home* and *Amazon Alexa* voice assistants combines innovation and practicality, transforming home automation into a simple and intuitive everyday ally.

Thanks to *lares 4.0* app, the experience becomes even more complete: users can access numerous functions, manage their home with ease and enjoy a higher level of interaction. Integration is free and allows multiple users to synchronise.

With virtual assistants, you can control scenarios, lights and blinds, selecting the brightness percentage of dimmable outputs and adjusting the desired opening percentage.

In addition, end users can independently create customised scenarios to be activated via voice commands, adapting each environment to their needs.

amazon alexa

Google Home





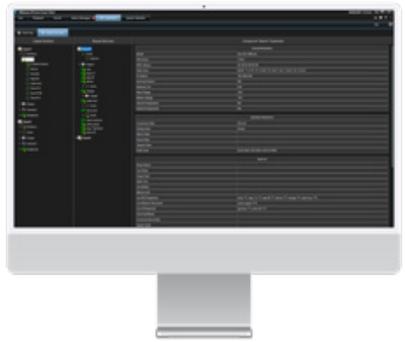
Integrations with VMS

Milestone

Ksenia Security has developed a plugin that allows the integration of one or more *lares 4.0* control panels within the *Milestone XProtect®platform*.

With this integration, it is possible to manage from *Milestone* and view the status of all relevant control panel entities, such as partitions, zones and outputs, on graphical maps.

In addition, the plugin allows full integration of *lares 4.0* events and alarms with *Milestone* events, allowing you to take advantage of *Milestone*'s video recording functions.

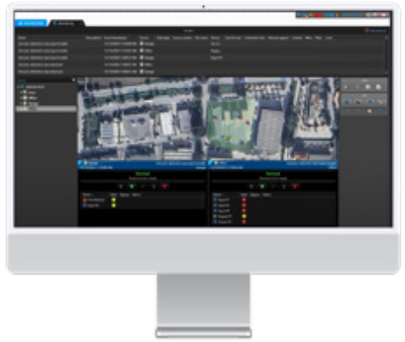


Genetec

RELEASE 2026

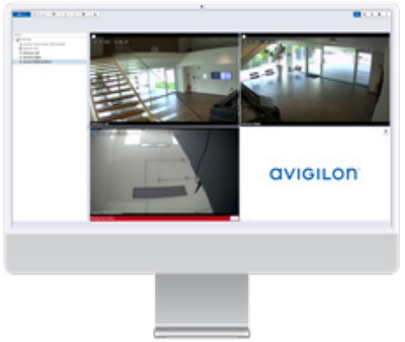
lares 4.0 control panels connect to *Genetec®Security Centre* software via the *Genetec®Intrusion Protocol* (GIP).
This integration simplifies security management and ensures unified control and faster response to events, with an intuitive, centralised interface.

The main features of this integration are:
- Real-time monitoring of alarms, events and control panel status directly from *Genetec*;
- centralised alarm management with the option to arm and disarm breached areas directly from the platform;
- integration with video surveillance;
- real-time synchronisation;
- advanced management of entrances and exits;
- visualisation of breached zones on interactive maps, with real-time updates;
- centralised access control;
- automatic generation of detailed reports on events and activities in the zones.



Avigilon

The *lares 4.0* platform integrates with *Avigilon Control Centre* via ACC Web Endpoint Centre and Ksenia Security's *porta IoT* - Gateway HTTP device.
This integration allows alarm events to be generated to the *Avigilon* system, fully exploiting its video management and recording capabilities, in synergy with those of the *lares 4.0* control panel in managing events, for example, following anomalies detected by sensors or any other event that can be managed through a scenario.
The configuration required by the installer is very simple and all alarm synchronisation is done in just a few clicks. After that, no further intervention is required, either by the installer or the customer.





Integrations with Building Automation systems

Control4

Control4 is one of the world's leading providers of customised automation and control systems, dedicated to creating solutions that can automate – and therefore simplify – the control of lighting, energy, music, video and all kinds of home entertainment.
Ksenia Security has developed three different drivers to exploit the advanced home automation capabilities offered by *Control4*:
- one dedicated to the *lares 4.0* control panel;
- one specifically for managing temperatures, using *domus*;
- one for managing roller shutters, using the *auxi-H* module.

In the case of the *lares 4.0* control panel, full control of the system can be achieved through Ksenia sensors and the *Control4* interface.

With the *domus* built-in module, it is possible to manage temperatures, lighting and humidity, adapting the level of comfort to the use of the environment, with significant energy savings.

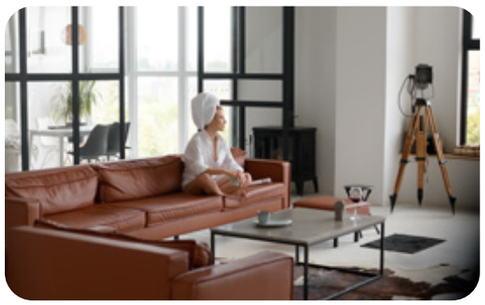
With *auxi-HT*, you can control all your roller blinds, constantly monitoring their open and closed status.



Crestron

Crestron enables the creation of advanced building automation systems, significantly improving efficiency and productivity.
In fact, it designs and develops high-tech solutions to achieve the highest level of customisation in home automation, from luxury systems to scalable turnkey solutions.

Ksenia Security has implemented a specific driver to integrate its *lares 4.0* control panel into the *Crestron* world, with the ability to manage many of its functions: partitions, zones, outputs, activation of home automation scenarios, etc.



RTI

RTI is a platform that allows complete control of any smart home automation environment, from residential to commercial, with a particular focus on customised automation. Its goal is to offer solutions that simplify the management of audio, video and all home entertainment functions.

To facitilate integration with Ksenia Security, a driver has been developed that allows the *lares 4.0* control panel to be connected to the *RTI* platform via the supervisor plugin, thus ensuring an immediate and functional interface between the two systems.



YUBII HOME

With this integration, *Yubii Home* and *Yubii Home Pro* supervisors manage *lares 4.0* entities and, specifically, the following are integrated:
- all zones, both standard and analogue, including their categories;
- all outputs of any category, including those related to dimmable lighting and roller shutters.

All of these can be managed directly or through scenarios created ad hoc in the *Yubii* system.

Information from Ksenia's *domus* modules can also be managed, and humidity and temperature are displayed in real time for each room in the house.

With regard to intrusion detection, all partitions can be managed directly on an ad hoc basis or through the activation modes.



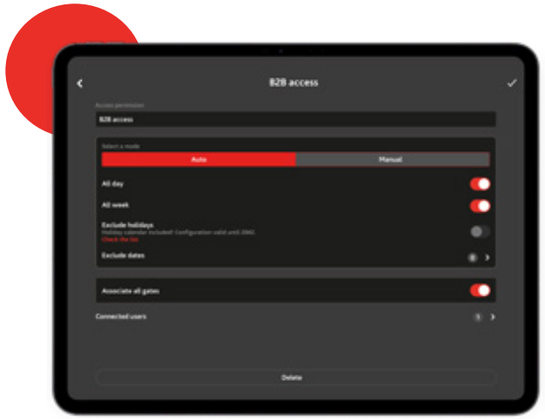
PRACTICAL APPLICATIONS

This section presents concrete examples of applications designed to meet specific needs and solve real problems. The aim is to offer useful ideas and suggestions for future projects.



Accommodation facilities and B&Bs

Every day, numerous people enter and leave accommodation facilities, and it is not always easy to guarantee rapid access while ensuring a high level of security.
Ksenia Security achieves this thanks to a range of products that offer managers **simple and practical solutions** and guests maximum security during their stay.



External access management

lares 4.0
At the heart of every solution, of course, is *lares 4.0*, the platform for quick and easy access management, both locally and remotely. Anyone who manages a property can - thanks to the *lares 4.0* app or by connecting remotely - grant others access to the property at any time of the day or night and create temporary codes, access profiles or timed access permissions; block or delete users as needed.

ergo-X
To allow access to B&Bs or rooms, it is advisable to install the *ergo-X* touchscreen keypad both indoors and outdoors, which can be managed via PIN code or with the Ksenia *Mini Tags*.

intro
The keypad can be connected to the *intro* module, which allows you to identify the guest who is about to enter the B&B. *intro* checks the status of the gate to which it is connected, at the entrance and, if desired, also at the exit. It is designed so that, even in the absence of communication with the *lares 4.0* control panel, it keeps all access permissions in memory and all gate functions active.

Technology and internal security

Inside the building, the focus is on integrating solutions designed to increase comfort, convenience and protection for guests.

domus
With the *domus* modules, you can configure a chronothermostat that allows you to regulate temperature in each room via locally installed outputs, activating or deactivating a boiler, convector heater or air conditioner. You can also take advantage of the energy-saving mode, which is automatically deactivated when you enter a room.

nebula
The protection of guests and staff requires systems capable of signalling dangers before they become critical.
What better smoke sensor to install in a building than our *nebula* optical detector? This product offers two main advantages: dual technology (wired and stand-alone, covering both simple changes of use and renovations) and a design that comes in two versions to best suit any type of environment.





lares 4.0
control panel



intro
access control module



domus
temperature sensor



ergo-X
outdoor keypad



nebula
optical smoke detector

Residential

One of the aspects that most influences the quality of life at home is the ability to create programmed scenarios designed to simplify everyday life. These scenarios can also be integrated with voice assistants and managed with ease: a voice command is all it takes to activate or deactivate them.
Thanks to customised scenarios, multiple actions can be performed simultaneously with a single gesture.
For example: setting the alarm, turning off the lights and lowering all the shutters can become the "Goodnight" scenario, and to activate it, all you need to do is tap the keypad, the *lares 4.0* app, or say a simple phrase to the voice assistant.

It's not just scenarios; even small automations can make life at home more comfortable and enjoyable.
For example, the porch light that turns on by itself when someone arrives in the evening, or the air conditioner that activates automatically when you enter a room. Simple everyday gestures that, over time, become indispensable habits.

Outsde

Sirens
Home security begins outside the walls. The *vox-M* siren detects and signals any attempted intrusion and, in the event of an alarm, also broadcasts a voice message, further discouraging any illegal actions.

Motion detectors
The external perimeter is protected by *velum* curtain motion sensors, installed on French windows to ensure constant access control.

***lares 4.0* app**
With *lares 4.0*, comfort extends to the garden too: thanks to the timer, irrigation and lighting can be easily managed by selecting days and times directly from your smartphone.

Outdoor user interfaces
Finally, entering the house is a simple and immediate gesture: just hold *Mini Tag* close to the external proximity reader, which simultaneously opens the gate and front door and disarms the alarm.

Inside

Motion detectors
The *unum-X* indoor motion detectors, with PET immunity function, prevent false alarms caused by small animals.

User interfaces
The new *conexa* IP touchscreen keypad, in addition to the standard functions, allows the installation of third-party apps for even more flexible management.

Expansion modules
Customised scenarios have been created according to the family's daily needs. The *auxi-H* home automation module controls windows with motorised roller shutters (*auxi-HT* mode) and lights (*auxi-HL* mode), while the *energia* module monitors consumption and energy production from photovoltaic panels, ensuring a constant energy balance. The *domus* module manages air conditioning, dehumidification and underfloor heating, with programmable schedules via the integrated programmer.

Integrations
Ksenia's integration with virtual assistants allows you to activate each scenario with a simple voice command. Everything is accessible via the *lares 4.0* app, which makes managing the home simple and immediate for all members of the family.





lares 4.0
control panel



imago
siren



ergo-X
outdoor keypad



domus
multifunction module



unum-X
motion detector



conexa
indoor keypad



auxi-H
expansion module



energia
consumption control module



Virtual assitants
Integrations

Industrial - commercial

All unprotected structures are alike. Each protected structure is protected in its own way.
This is the belief that underpins Ksenia Security's approach: security cannot be standardised, but must be tailored to the specific needs of each situation.
Customisation is at the heart of our work, especially in major projects. A significant example is our collaboration with a major national water consortium, which has numerous offices throughout Italy.

Intrusion detection

The process began with intrusion security, achieved through the installation of various sizes of *lares 4.0* control panels, internal *radius* sirens and *ergo-S* and *ergo-M* keypads to ensure a solid and effective first level of protection.
The choice fell on robust solutions suitable for industrial environments, capable of withstanding the most demanding conditions and ensuring continuous protection.

Access

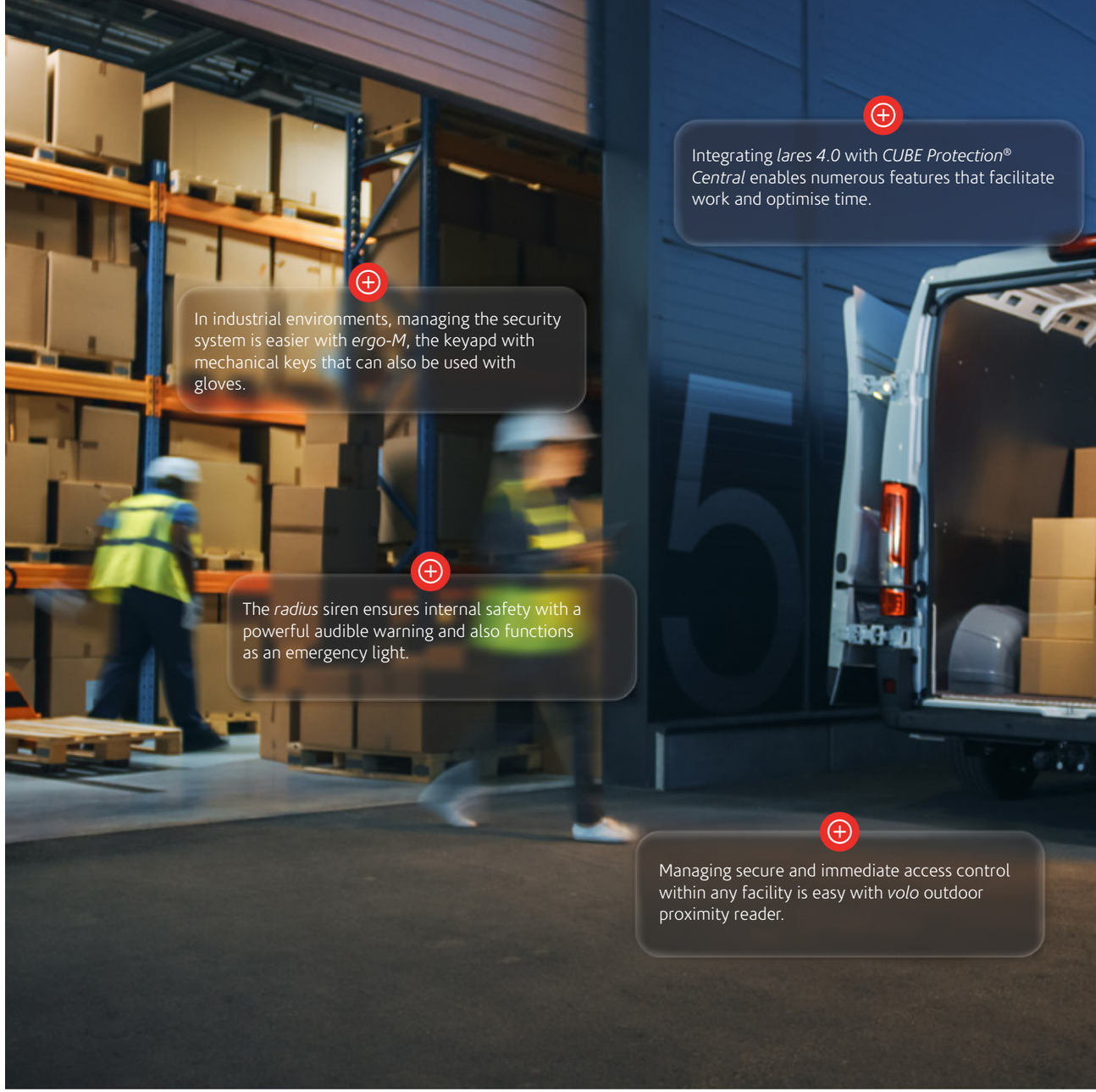
The second phase concerned access management, with a practical and secure solution for key control.
Each authorised operator accesses the premises through a system based on an external safe equipped with an electric lock, protected by an alarm contact and integrated with a proximity reader. Using their token, the operator unlocks the gate, opens the safe, takes the site keys and carries out the necessary operations, then returns the keys at the end of the intervention.

Integration with Life3

Subsequently, a tailor-made integration was developed with Life3, capable of responding to some specific customer requirements, such as:
- managing alarm reports on both a graphic map and a web interface in a way that is simple for the operator;
- streamlining the procedure for adding new users.

The *lares 4.0* control panels have been integrated with *CUBE Protection® Central*, a centralisation software with a web client that manages and monitors security systems.

Through this integration, it is now possible, among other things, to:
- monitor all sites from a single portal;
- view the status of sites located on a geographical map
- create and update users in the various control panels (grouped by logical groups) in bulk, managing the unique identifier of the *Mini Tags*, the PIN and the user profile;
- receive and record events in real time;
- analyse event history with a series of filters and the option to export it in various formats;
- manage incidents through a dedicated section where data from the control panels can be stored and documents and reports attached.





lares 4.0
control panel



imago
siren



volo
proximity reader



radius
indoor siren



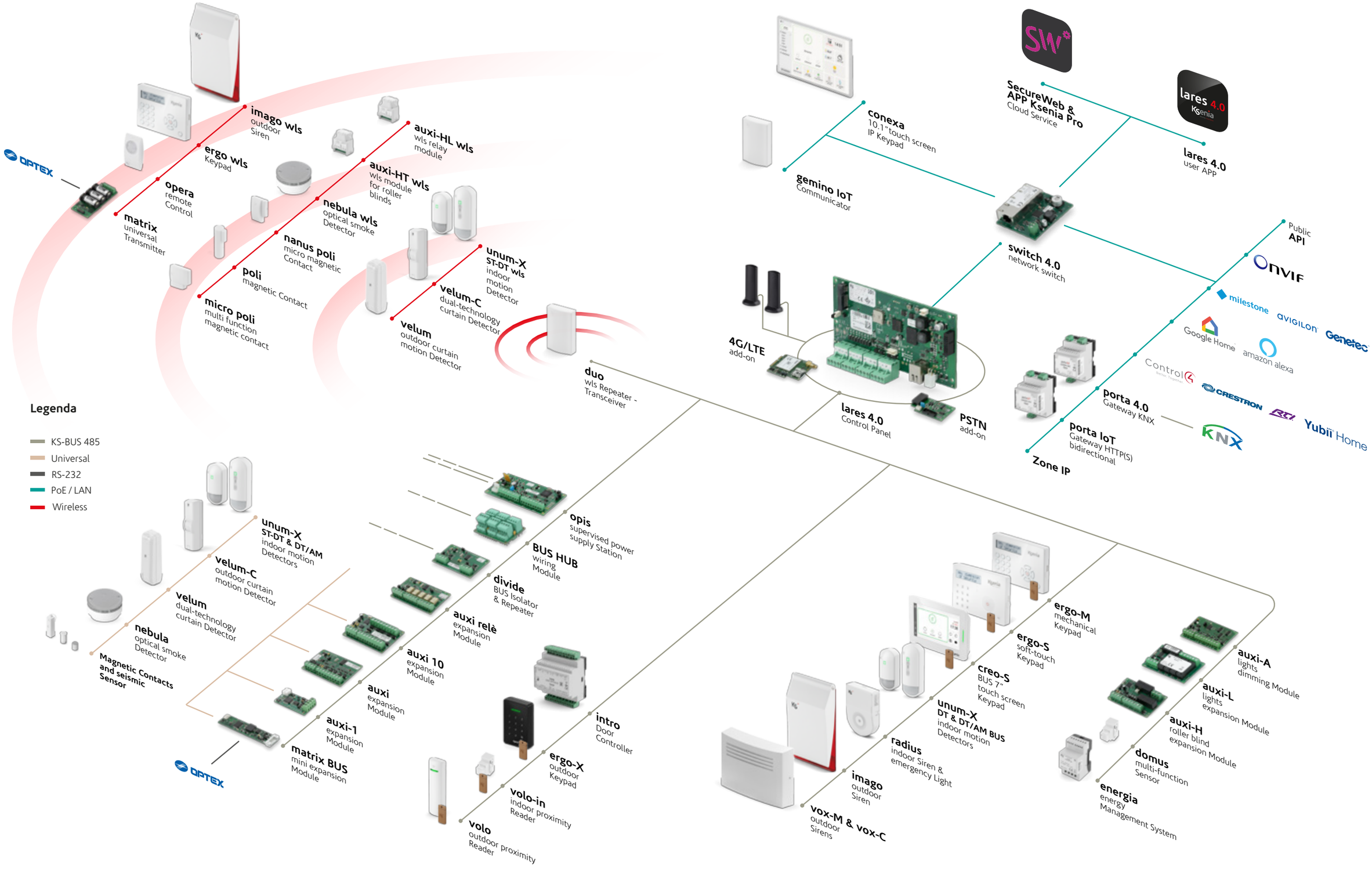
ergo-M
indoor keypad



ergo-S
indoor keypad



CUBE Protection® Central
Integrations


imago wls
outdoor Siren
ergo wls
Keypad
opera
remote Control
matrix
universal Transmitter
auxi-HL wls
wls relay module
auxi-HT wls
wls module for roller blinds
nebula wls
optical smoke Detector
nanus poli
micro magnetic Contact
poli
magnetic Contact
micro poli
multi function magnetic contact
unum-X
ST-DT wls
indoor motion Detector
velum-C
dual-technology curtain Detector
velum
outdoor curtain motion Detector
duo
wls Repeater - Transceiver
conexa
10.1" touch screen IP Keypad
gemino IoT
Communicator
SecureWeb & APP Ksenia Pro
Cloud Service
lares 4.0
user APP
switch 4.0
network switch
4G/LTE
add-on
lares 4.0
Control Panel
PSTN
add-on
Public API
ONVIF
milestone
AVIGILON
Genetec
Google Home
amazon alexa
Control4
CRESTRON
Yubii Home
porta 4.0
Gateway KNX
KNX
porta IoT
Gateway HTTP(S) bidirectional
Zone IP
Legenda
KS-BUS 485
Universal
RS-232
PoE / LAN
Wireless
unum-X
ST-DT & DT/AM
indoor motion Detectors
velum-C
outdoor curtain motion Detector
velum
dual-technology curtain Detector
nebula
optical smoke Detector
Magnetic Contacts and seismic Sensor
auxi-1
expansion Module
matrix BUS
mini expansion Module
auxi
expansion Module
auxi 10
expansion Module
auxi relè
expansion Module
divide
BUS Isolator & Repeater
BUS HUB
wiring Module
opis
supervised power supply Station
intro
Door Controller
ergo-X
outdoor Keypad
volo-in
indoor proximity Reader
volo
outdoor proximity Reader
imago
outdoor Siren
vox-M & vox-C
outdoor Sirens
radius
indoor Siren & emergency Light
unum-X
DT & DT/AM BUS
indoor motion Detectors
creo-S
BUS 7" touch screen Keypad
ergo-S
soft-touch Keypad
ergo-M
mechanical Keypad
auxi-H
roller blind expansion Module
auxi-L
lights expansion Module
auxi-A
lights dimming Module
domus
multi-function Sensor
energia
energy Management System

Dear Emidio,

as we were completing this work, your sudden passing left us with an unfillable void. We want to remember you by dedicating this catalogue to you, with affection and gratitude.

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