

Silenya Advanced

Security
by your side

The hybrid system
that guarantees the best
solution for your security

SAFETY INFORMATION



Silentron

Sitentron



Silentron designs and manufactures integrated automation and security systems since 1978.

The first company to offer “wireless” solutions in Italy, now supplies a wide range of highly innovative wireless and hybrid wireless/hardwired systems which exploit the advantages offered by both of these technologies based on installation requirements.

Silenya Advanced, Silentron’s latest line of alarm devices with up to 99 alarm zones for residential, commercial and industrial applications, allows you to locally and remotely control up to 32 home automation functions. Controls are managed through two-way speakerphone transmission as well as alarm and operation acknowledgment digital transmission. These new devices also allow you to verify events through snapshots through special detectors with built-in camera.

These new control panels can be networked and can therefore be setup and controlled remotely by PC, tablet and Smartphone. Our control panels provide a safe and durable investment over time because they are expandable with future technical advancements and upgradeable over the Web.



Silentron

Silenya Advanced. The hybrid system that guarantees the best solution for your security



Controllable remotely



With this simple and intuitive App, you can manage the alarm system and other automations for gates, garages, blinds, awnings, rolling shutters and lighting connected to Silenya Advanced system control units via smartphone, with confirmation of command execution. **Silenya ADV app available in the iOS and Android stores.**

**Telemangement anywhere
you are from the link:**

<http://cloud.silentron.niceappdomain.com/cloud>

Always connected

**Bidirectional dual-frequency
system certified EN 50131.**



Thanks to the new **GSM 4G module** today the management via app is guaranteed also in absence of internet connection.



Can be integrated with the Silentron systems already installed

Sil-Bus, wired alarm system via BUS (Can-Bus).

NEW

Thanks to the **Sil-Bus interface** now you can integrate sensors, sirens and transponder of the Sil-Bus line to your Advanced system. Through the Bus concentrator (4081) it is also possible to add third-parties' wired devices and sensors.



Silenya HT, radio alarm system.

Through the **Sil-Bus interface**, and **adding the RF BUS concentrator (4085)**, now you can integrate into your already installed Silenya HT system the functionalities of the Advanced line just by replacing the control unit.

Silenya Advanced. Two versions, many applications

By professional, we mean being able to offer solutions that are targeted to our users' different needs.

Quick to install and easy to manage

The control unit's graphic user interface guides you through setup and maintenance operations in compliance with current regulations.

Either locally (LAN/Wi-Fi) or remotely (web), even without an internet connection thanks to the 4G GSM module, all operations are simple, quick and accurate as they are carried out directly from the control unit and transmitted to the system components automatically via radio.

IMQ certified quality

The market is ever more demanding guarantees and protection, and precisely to emphasise the quality and safety of our work, Silentron products in the Advanced system have all undergone stringent testing at the Istituto Italiano del Marchio di Qualità (IMQ), an authoritative independent body certifying safety and reliability.

The Advanced system is EN 50131 Grade 2 certified, confirming that the products comply with recent European regulations; a declaration of transparency and attention towards consumers.

Look for IMQ certified products in the catalogue.



Good morning...



... we will be right with you

Each of the detectors that make up the system can be enabled to sound an alarm or a voice message when someone enters or walks through the premises.



... You've Got Mail

In the event of an alarm, or on request, the Nice PhotoPir detector, with a built-in camera, lets you receive real time images on your smartphone in seconds.



... I have disabled the alarm and have opened the rolling shutters

The weekly schedulers allow you to automate different everyday actions and to create personalised scenes. You can manage the alarm system and your automations in real time through the App.



... its sunny today

Activate the sprinklers with a simple telephone control, maybe temporarily disabling outdoor protection devices to avoid false alarms.



... also in the workplace

The powerful Silenya Advanced control panels are also suitable for commercial and industrial applications, providing flexibility, comfort and security.



... You are welcome, we are neighbours and we are protected

Customizing environments and areas allows you to manage all your requirements, such as, for example, a semi-detached house with a common entryway. Multiuser areas are no longer an issue with Silentron by your side.



... feel safe when you are at home

Silenya Advanced allows you to manage your safety even when you are at home, starting outdoors where it triggers a voice deterrent, to continue with the sound of sirens and allowing you to ask for help by telephone.



... Everything under control at home

A fire, a flood, a simple power failure and many other issues can be promptly reported thereby avoiding further trouble.



This is (also) my house

Special "Pet Immune" detectors allow you to protect rooms where small pets can go (almost) freely, without compromising safety.



1+2

Fl...
Dépenda...
Doors and win...
Garden
Garage

Fl...
Floor

Garden





12:34

100% 


Alarm
ON 

Alarm
OFF 

Alarm
Partial

Ground
Floor

Door
and windows



Silenya Advanced.

A comprehensive range of intruder devices with simple and reliable home automation

Having manufactured and sold over 300,000 alarm systems, we know the value of anti-intrusion security systems. Silenya Advanced was conceived to manage sensors and wireless relays that report critical conditions and allow you to handle home automation operations. All these functions operate both locally and remotely.

Wireless/Hardwired Alarm Panels **Pag. 12**



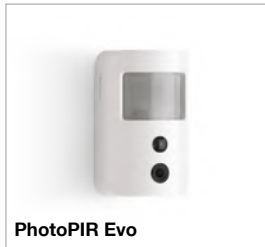
Burglar deterrents and alarm devices **Pag. 16**



Operating and controlling devices **Pag. 18**



Volumetric motion sensors Pag. 20



Outdoor detectors Pag. 24



Other alarm detectors Pag. 26



Devices reporting hazard alarms Pag. 28



Wireless controls for all electrical devices - Accessories Pag. 29



Wireless/ Hardwired Alarm Panels

Silenya Touch with built-in touch keyboard and Silenya Soft which is setup and managed over WiFi from PC, tablet and Smartphone. Top performance combined with simple setup and operation. Web based and effectively protected, these systems allow you to do everything that you would do on-site also remotely... and there is really a lot that you can do!

Two-way communication between DualBand wireless GFSK devices

Device supervision and radio band interference control

Two-way telephone remote transmission over WiFi

Optional PSTN, GSM 4G modules, with SIA digital and Contact-Id protocols

Web programming as an access point or client

Operations via remote controls, code switches and proximity key (32 users)

IOS and Android app to easily interface with Smartphones and tablets

Wide range of indoor and outdoor intrusion detectors

Range of hazard alarm sensors (water, smoke, etc.)

Sound/voice alarm devices, smoke-based products and similar deterrents

cod. 7000



Silenya Touch WLS

Part no. 7000

Alarm control panel with touchscreen R/F/Wi-Fi. Built-in 7" VGA 800x480 px Full colour Touchscreen display. It operates at 230V CA - 6V CC, needs a 6V 1.2 Ah backup battery and has no cable inputs/outputs.

Silenya Touch

Part no. 7001

Built-in 7" VGA 800x480 px Full colour Touchscreen display. With circuit board for 8 hardwired inputs + 2 settable relay outputs. Compartment for one or two 2.7 Ah 12 V sealed lead acid rechargeable batteries.

EN 50131-3, EN 50131-6, EN 50131-5-3, EN 50136-2
Grade 2, Class II, IP 40

cod. 7003



cod. 7002



Silenya Soft WLS

Part no. 7003

Alarm control panel "blackbox" R/F/Wi-Fi, without display - operations via PC and/or Wi-Fi tablet and/or Smartphone. It operates at 230v CA - 6V CC, needs a 6V 1.2 Ah backup battery and has no cable inputs/outputs.

Silenya Soft

Part no. 7002

"Black box" without display – operations via PC and/or Wi-Fi tablet and/or Smartphone. With circuit board for 8 hardwired inputs + 2 settable relay outputs. Compartment for one or two 2.7 Ah 12 V rechargeable batteries.

GSM 4G Module

Part no. 7012

GSM 4G module with antenna for Silenya Advanced control panels. This unit supports all of the control panel's telephone operations over a mobile network, such as caller ID, two-way voice communication, SMS, MMS, digital broadcasts with SIA protocol, e-mail transmission. The control unit can be controlled remotely, even without an internet connection.

PSTN Module

Part no. 7011

Module to connect to a landline telephone network. This unit supports all of the control panel's landline telephone operations such as two-way voice communication and Contact-Id protocol digital transmission.

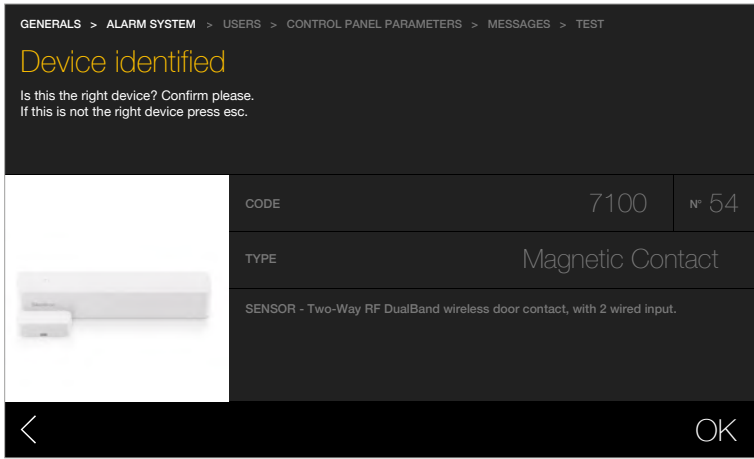
The module must be used as an alternative to the Sil-Bus interface (code 7253).

Silenya Advanced Installer

Setup up is quick and easy thanks to the system setup wizard displaying all of the data on the same screen.

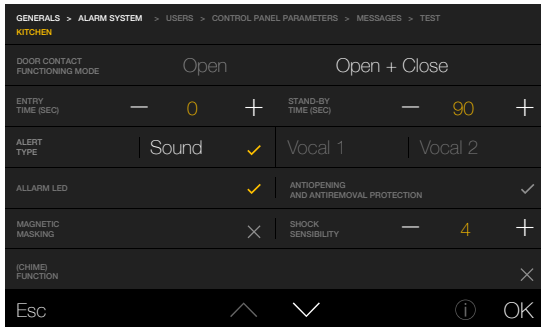
Step-by-step guided setup

Step-by-step instructions will guide you to setup each device

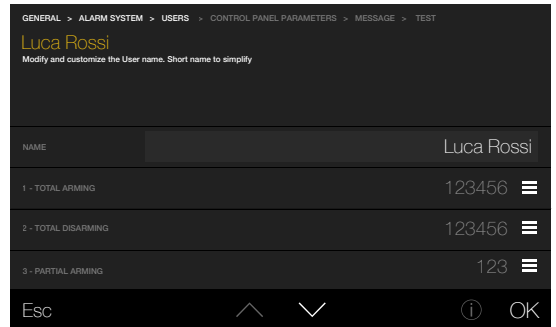


Setup wizard and emergency alert

Simple and easy setup: many parameters are already set on average values to be changed only when required



Customized operations of each user (up to 32)



Also users with less expertise are able to access all of the system's functions using the Silenya Advance user interface. Large buttons allow all age groups to comfortably read and use the system.

GSM, Wi-Fi status and connected users reporting

Power supply and battery status in the event of power failure

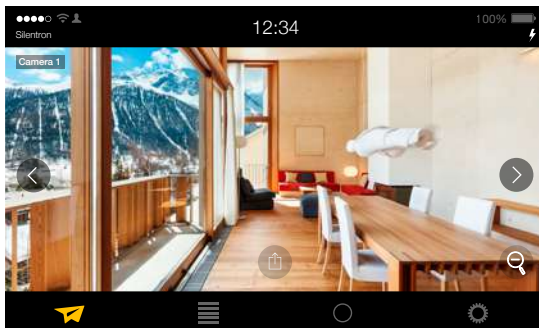
Direct access and management of alarmed areas

Manage IP camera and PhotoPIR

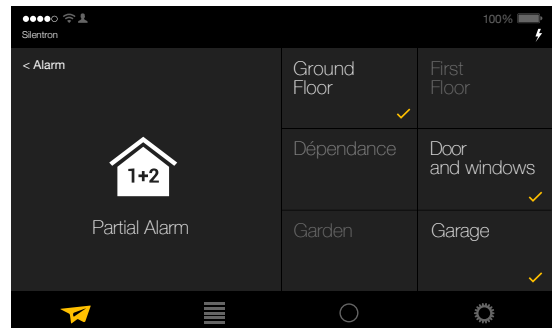
Customizable buttons for direct access to the controls of the alarm system and to home automation functions.

Main screen Check device status Weekly scheduler Create custom scenarios

Display IP Camera frames



Simple and immediate screen management



Burglar deterrents and alarm devices

No alarm system is effective without deterrents: Silenya Advanced guarantees top safety and protection for your home, preventing intrusions even before they occur.

Outdoor sirens and even more so indoor sirens provide an effective deterrent. Lights turning on and modern deterring devices being triggered such as those generating fog or temporarily incapacitating agents (legally usable) enhance this effect, often preventing a theft from occurring. Silenya Advanced system allows you to control and to properly manage any alarm device thanks to its wide range of products.



It is statistically proven that voice warnings, siren's sound and any other deterring device that you can implement, counteracts the "surprise" element on which an intruder relies, thereby considerably limiting their actions and getting them to flee.

Sirenya Evolution / Sirenya Wire



Part no. 7200

Outdoor two-way wireless Dual Band siren with audible alarm, voice warning and strobe light. Siren is powered by six D 16 Ah 1.5 V alkaline batteries supplying a battery life of approximately 3 years (based on how many times alarms are activated).

Part no. 7210

Outdoor hardwired siren with voice warning and strobe light. The siren is powered by the control panel at 14 VDC. Compartment for an internal standard 12 V PB 12 V 2.7 Ah.

Sirenya Mini



Part no. 7220

Indoor two-way wireless Dual Band siren with audible alarm and voice warning. The siren is powered by three C 5 Ah 1.5 V alkaline batteries supplying a battery life of approximately 3 years (based on how many times alarms are activated). Over 100 dB sound level, without strobe and featuring the same characteristics of the previous models.

- Over 110 db sound level when alarmed.
- Voice warnings at over 70 db
- 3 voice warning messages: pre-alarm, voice 1 and 2
- Adjustable voice messages volume
- Flashing LED for alarm and operations reporting: arm/disarm, pre-alarm, alarm event
- Tamper Protection: opening, removal, violent impact
- Local and remote audible warning to replace batteries: short beeps after arming/disarming operations



EN 50131-4
Grade 2
Class III
IP 32



EN 50131-4
Grade 2
Class II
IP 51
Box ABS
0,4 Kg
Water resistant PCB
Temp. -10°/+40° C RH 95%

Operating and controlling devices

All users can properly and easily manage the system: Silenya Advanced's different operating modes allow each user to choose their favourite solution.



PCK 3



Part no. 7041

3+3 key two-way remote control. Total/ Partial arming and disarming of the Silenya Advanced control panels is easy and intuitive with the three colour keys that embody Silentron's "Made in Italy" design. A LED hidden under the transparent key reports the operations being performed. Push the LED to change the operating mode of the 3 keys and to control specific relay boards used to turn on lights, open gates or other required functions.

TAG



Part no. 4025PACK (5 Pc/Pack)

Electromagnetic key. A small object with a million code combinations that allows you to manage the control panels by simply bringing it near the preset spot of the control panel or LCD keypad. Easy to setup and erase should it get lost, this is the least expensive and fastest "key" to use to manage your alarm system.

LCD keypad



Part no. 7025

The design jewel in Silentron's crown, this removable and portable device allows you to partially/fully arm and disarm Silentron Advanced control panels using a 5-digit numeric code. The display will confirm operation. It also displays up to 32 different not encrypted controls that allow you to manage the relay boards used to enable and disable any device or electrical home automation. Just press a button to enable warning sirens and telephone calls for emergency assistance or to display any system faults as well as the events that took place!

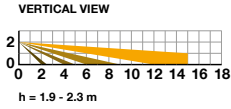
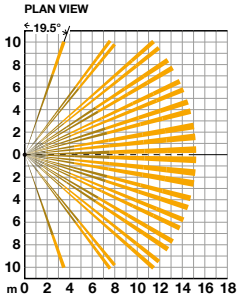
Volumetric motion sensors

Silenya Advanced offers an enviable and comprehensive range of motion detectors that allow to “custom” protect any type of area in order to develop alarm systems that suit any requirement.

- Two-way DualBand GFSK transmission
- Indoor and sheltered outdoor installation (class 3)
- Opening and removal tamper protection
- Local and remote control panel setup
- Easy battery replacement (CR123)
- Long battery life (more than 4 years)
- Standard and anti-masking (AA) versions
- Optional corner mount bracket (Part no. PD1137)
- Articulated arm (code 5969)



PIR / PIR AA



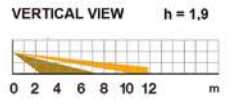
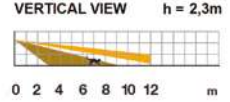
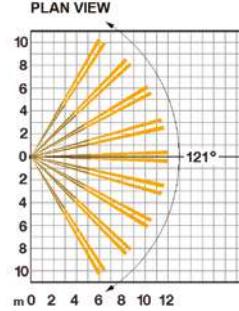
Part no. 7130
Volumetric protection

Part no. 7131
Volumetric protection
with anti-masking function



EN 50131-2-2, EN 50131-5-3
Grade 2
Class III
IP 42

PIR Plane / PIR Plane AA

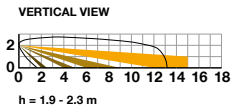
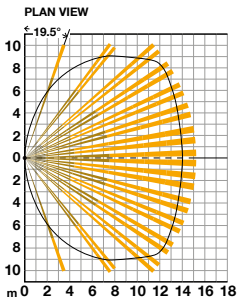


cod. 7120
Plane protection PET Immune

cod. 7121
Plane protection PET Immune
with anti-masking

> Dual technology (PIR + MW) detectors

DT / DT AA



Part no. 7140
Volumetric protection

Part no. 7141
Volumetric protection
with anti-masking function

> Motion detector with camera

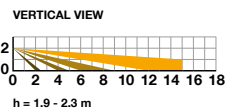
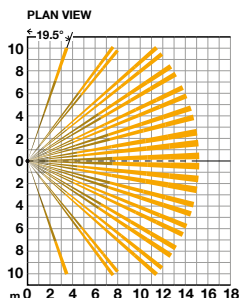
PhotoPIR Evo / PhotoPIR Evo Plane

PhotoPIR is a range of intrusion detectors with built-in camera that, when enabled, sends the alarm signal to the control panel while capturing and immediately transmitting to the unit snapshots of the surrounding environment over the local WiFi network that is managed by the Silenya Advanced control panel. The camera takes 640x480 pixels color pictures, focusing at about 5.6 m from its location, both in the event of an alarm and on-demand over the phone. Although with some quality loss, thanks to the illuminator flash you can identify an unusual shape in the environment even when it is totally dark. The snapshots that are transmitted to the control panel are stored and then sent remotely according to preset mode or displayed on the control panel's screen.

Control panels support PhotoPir as well as IP cameras that are always enabled.



- Two-way DualBand GFSK alarm transmission
- Indoor and sheltered outdoor installation (class 3)
- WiFi snapshot transmission
- Supports optional consumer WiFi repeater for greater coverage
- Opening and removal tamper protection
- Local and remote control panel setup
- Easy battery replacement (2xCR123)
- About 1 year battery life (closely linked with amount of camera use)
- Lenses vary based on different versions (see below)
- Optional corner mount bracket (Part no. PD1137)
- Articulated arm (code 5969)



Part no. 7150
Motion detector
with camera



EN 50131-2-2, EN 50131-5-3
Grade 2
Class III
IP 42

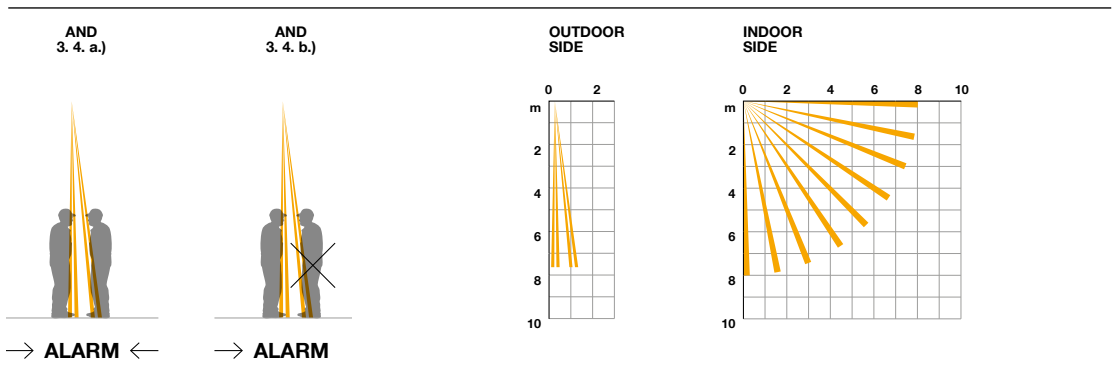
> PIR dual infrared beam detector

PIR Control AA

This extremely thin device is especially suitable to protect doors and windows access compartments even when positioned outside, between the fixtures and shutter or rolling shutter.

The two internal sensors create two double sensitive beams, which function in AND, drastically reducing the likelihood of false alarms. The unit's anti-masking and vandal-resistant protection makes the device better protected against sabotage attempts.

Thanks to the snap mount bracket, the installation of the device and battery replacement are simple and quick.



Part no. 7137 Dual curtain access protection

Outdoor detectors

New range of outdoor double and triple technology detectors suitable to guarantee a high-level of security also for outside installations.

Bidirectional GFSK DualBand transmission

Anti-removal and anti-opening tamper

Local and remote parametrical setting of the control unit

Easy battery substitution (CR 123)

Long battery life (2 years for 7155 and 3 years for the others)

PET immunity

Anti-masking

Standard, curtain, long range version

Articulated arm (code 5969)

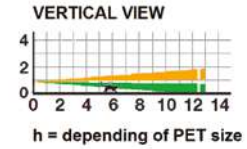
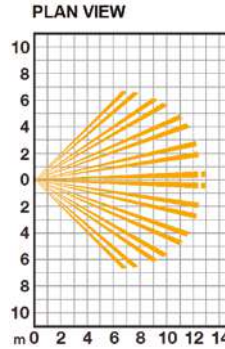
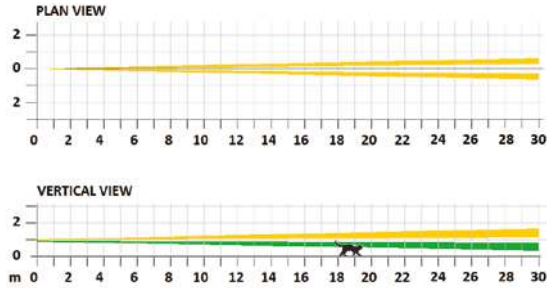


cod. 7155



cod. 7147, 7145, 7129

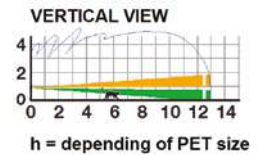
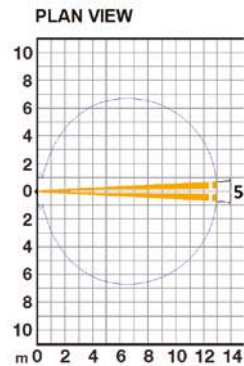
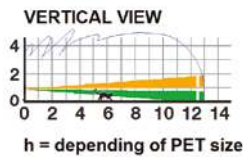
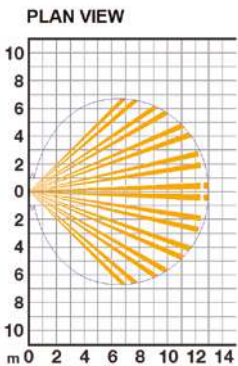
DualTech



Part no. 7129
Long range detector

Part no. 7155
External sensor with double infrared technology, antimasking with integrated camera, DualBand and bi-directional radio sensor. The cover angle of the sensor is 90° and it has a 12 m range. The two PIR detectors work in the AND logic with an horizontal beam and a down-oriented beam to guarantee an optimal efficiency and a high immunity from false alarms. The camera has a flash to allow the regular functioning also in the absence of light and the cover angle of the lens is 100°.

TriTech



cod. 7147
Plane protection

cod. 7145
Curtain protection

Other alarm detectors

For a comprehensive and proper protection, the Silenya Advanced system also offers other devices that have been specifically designed to report other malicious events, starting from the access areas of the premises.

Two-way DualBand GFSK transmission

Local and remote parameters setup

Opening and removal tamper protection

Easy battery substitution (CR123 for 7100 and 7170, CR2450 for 7105)

Long battery life (more than 4 years for 7100 and 7170, 2 years for 7105)

Sensor



Part no. 7100

Multifunction magnetic contact with wireless two-way DualBand transmission. Conceived to protect all kinds of fixtures from being opened, this device can be used to transmit alarm signals triggered by other sensors hardwired to inner terminals. The unit is available in white and brown.

- Fixture opening and violent impact alarm
- Magnetic tamper protection
- 2 hardwired programmable NC/NO/counter inputs

GBD



Part no. 7170

Wireless microphone glass break detector with two-way DualBand transmission reporting to the control panels the detection of sounds that are similar in frequency to those of breaking glass. Suitable for 6x6 m areas.

- Glass break alarm
- Fixture opening alarm

Minisensor



Part no. 7105

DualBand and bi-directional radio magnetic sensor with reduced dimensions. It notifies the opening of doors and windows. The magnetic contact can be installed on the right side and on the left side of the detector to fit any installation need. It is available in brown or white.



EN 50131-2-6, EN 50131-5-3

Grade 2

Class II

IP 40

Blind Alarm**Part no. 7171**

DualBand and bi-directional radio blind alarm. Besides guaranteeing a perfect protection for shutters, the detector also protects against burglary. In addition to that, it alerts the final user if the shutter is above it, when the user arms the alarm system. The detector is available in brown or white.

- Built-in sensor for roller shutters
- Bidirectional GFSK DualBand transmission
433,54 - 433,92 MHz; 868,30 - 868,94 MHz
- Available in two different colors: white and brown
- Dimensions 27x13x95h mm
- Long battery life (more than 3 years).

Devices reporting hazard alarms

As part of an alarm system, these devices operate 24 hours a day to promptly report a potential or an actual danger in the area that they control by transmitting the alarm signal to the control panel.

- Two-way DualBand GFSK transmission
- Indoor installation only
- Opening and removal tamper protection
- Local and remote control panel setup
- Long battery life (more than 4 years)

Water sensor



Part no. 7175

Flood detector.
Two-way wireless DualBand flood detector. Suitably installed with the sensor near the floor, it triggers an alarm when water short-circuits the probe.

- Easy battery replacement (CR123)

Smoke sensor



Part no. 7190

Two-way wireless DualBand Fire hazard Detector - EN14604 compliant.
The device reports fire hazard due to the detection of visible and invisible smoke. Caution! Kitchen steam is detected as a fire hazard.

- Easy battery replacement (LR14 9V alkaline battery)
- Local audible alarm
- Test key

Wireless controls for all electrical devices

Wireless switch for local or remote control of any electrical utility, such as lights, motors, control units etc. via Silenya Advanced control units, with immediate confirmation of command execution.

Can also control motors requiring a pause to reverse direction.

230 VAC relay radioswitch

Part no. 7301

RF receiver for two-way wireless DualBand home automation controls.

- 230 VAC power supply.
- Free changeover relay output with up to 1A/230 V capacity.



Accessories

Signal repeater via radio

Part no. 7400

Signal repeater via bidirectional and dual band radio.

- Power supply 230 Vac, 50-60 Hz.
- CR123A backup battery supplied.
- Autonomy 48h.
- Supervision every 18 min.



EN 50131-3, EN 50131-6, EN 50131-5-3

Grade 2

Class II

IP 51



Interfaccia Sil-Bus

cod. 7253

Plug-in interface for integration in Silenya Touch and Silenya Soft control units (codes 7001 and 7002) in the Sil-Bus wired and Silenya HT wireless range of devices and third party wired sensors.

The interface must be used as an alternative to the PSTN module (code 7011).



Silenya Advanced

The hybrid system, can be integrated with the Silentron systems already installed



Silenya Adv app

Available in the iOS and Android stores. Telemangement anywhere you are from the link:

<http://cloud.silentron.niceappdomain.com/cloud>



NEW



SIL-BUS INTERFACE

NEW

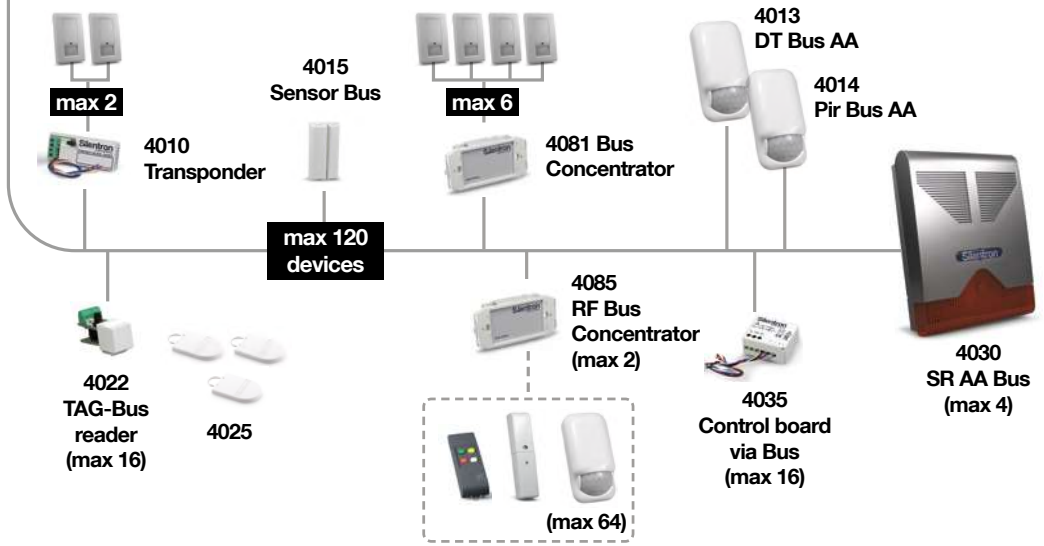


GSM 4G MODULE

Wireless devices



Wired devices



SILENYA HT

Alarm Systems: How and Why

We believe that an alarm should warn and deter, regardless if people are present or not. For this reason Silentron's systems offer different solutions to discourage intrusions, burglaries and aggressions.

Endless possibilities

We offer solutions that protect any kind of environment: outdoor areas (outdoor aggression detection sensor), perimeters (door/window detectors) and indoor areas (volumetric and microphone detectors).

Detectors trigger the transmission of warning phone and/or GSM messages and snapshots that enable you to visually check environments condition while enabling voice messages and the sound of powerful sirens in the protected area.

Silentron's systems are able to remotely control electrical loads through simple phone messages and to monitor possible dangerous events such as the beginning of a fire, flooding, temperature changes, etc.

Project planning

Alarm system must take into account the user's routines and requirements. All of Silentron's systems may be expanded also after their installation.

Commissioning

All of Silentron's systems can be remotely controlled in order to limit maintenance requirements.

In order to avoid false alarms and public nuisance, it is vital that all of the equipment is used in compliance with the manufacturer's instructions and installed by a professional installer.

Ease of use

Silentron has always placed great care in supplying devices that are easy and intuitive to use both locally and remotely, aiming to limit possible mistakes and to avoid unpleasant, and often dangerous, surprises.