



Committed to security.

# HOME AUTOMATION & SECURITY SYSTEM

Committed to security.



“A simple gesture, as usual as the publication of a catalogue, in this case, represents and symbolizes a key moment in the history of GPS Standard. I have the privilege to present you the **catalogue of the DATA family**.

In these pages you will find **the result of many months of design activity**. The best technology produced by our research and development laboratories.

**The MAZE system will revolutionize** not only the world of civil and industrial security, but also that of home automation in our daily lives.

Our **restless pursuit of perfection** has led us to stretch slightly the times for MAZE design, but now that everything is set, I can tell you that all good things are worth the wait.”

*Pietro Capula  
President of GPS Standard Srl*

## INDEX

MAZE	4
GRAZE	14
GRAZE RADIO	20
ACCESSORIES AND VERSIONS	26
OPTIMUS	30



**maze**  
HIGH QUALITY LIFE

**MAZE** is a highly advanced **security system** and a really **Home and Building Automation system**.

**MAZE** means labyrinth.

**History and mythology say that the** maze has always been an extremely effective **system of protection** and a puzzle of monumental size for anyone trying to cross it.

**MAZE** prevent anyone from entering into buildings **protected** by the System.

# MAZE

 HOME AUTOMATION and SECURITY SYSTEM

A true **multifunction modular system**, perfectly integrated with the modern habits of everyday life.

The best definition is: "**home automation & security hub**", an engine with a big heart, the hybrid design that provides both for wireless and wired inputs.

The reliability and performance of this new multifunction jewel support the daily activities of small and large rooms.

The product line MAZE is a new way of life and protection for the house, and is the result of restless research aimed at delivering innovative products to the market, from the point of view of performance and quality.

**MAZE is an advanced Home Automation and Security System, entirely designed by GPS Standard.**

**Unique and innovative technical features** for the security of your home or your office, such as video control of events and live viewing of protected environments, combined with a variety of next-generation services for a **360° home automation experience**.

MAZE redefines the world of your homes as you've never seen it: the Smartphone applications allow you to manage your system freely, wherever you are.

**Easy to install**, thanks to the plug and play devices and the user-friendly menu, designed to program even the advanced settings quickly and easily.



Box Maze.



The **menu has been totally designed** with the aim of basic programming and advanced settings in **quick, easy and intuitive way**.

Thanks to the serial module integrated in the sensors and to **self-learning** feature, the system can be installed and configured quickly.

The new video sensors monitor the environments **day and night and store the images associated to alarms in VGA** quality up to 5 fps (serial connection on bus 485 is possible).

Applications for iPhone and Android allow **local and remote control** of the system via **Smartphone**.

Images can be viewed **live or recorded**.

Thanks to on-line help, the programming **manual is always available on the keypad**.

Main **integrated functions**: users, privileged users, inputs, outputs, types of balancing.

MAZE can centralize all perimeter sensors thanks to the integrated realys card, thus allowing **unified management of GPS Standard products**.

**Keypads with captivating look and touch technology** allow managing and configuring the system.

The basic connectivity includes the LAN, commuted telephone line, 485 line and the serial bus for long distances.

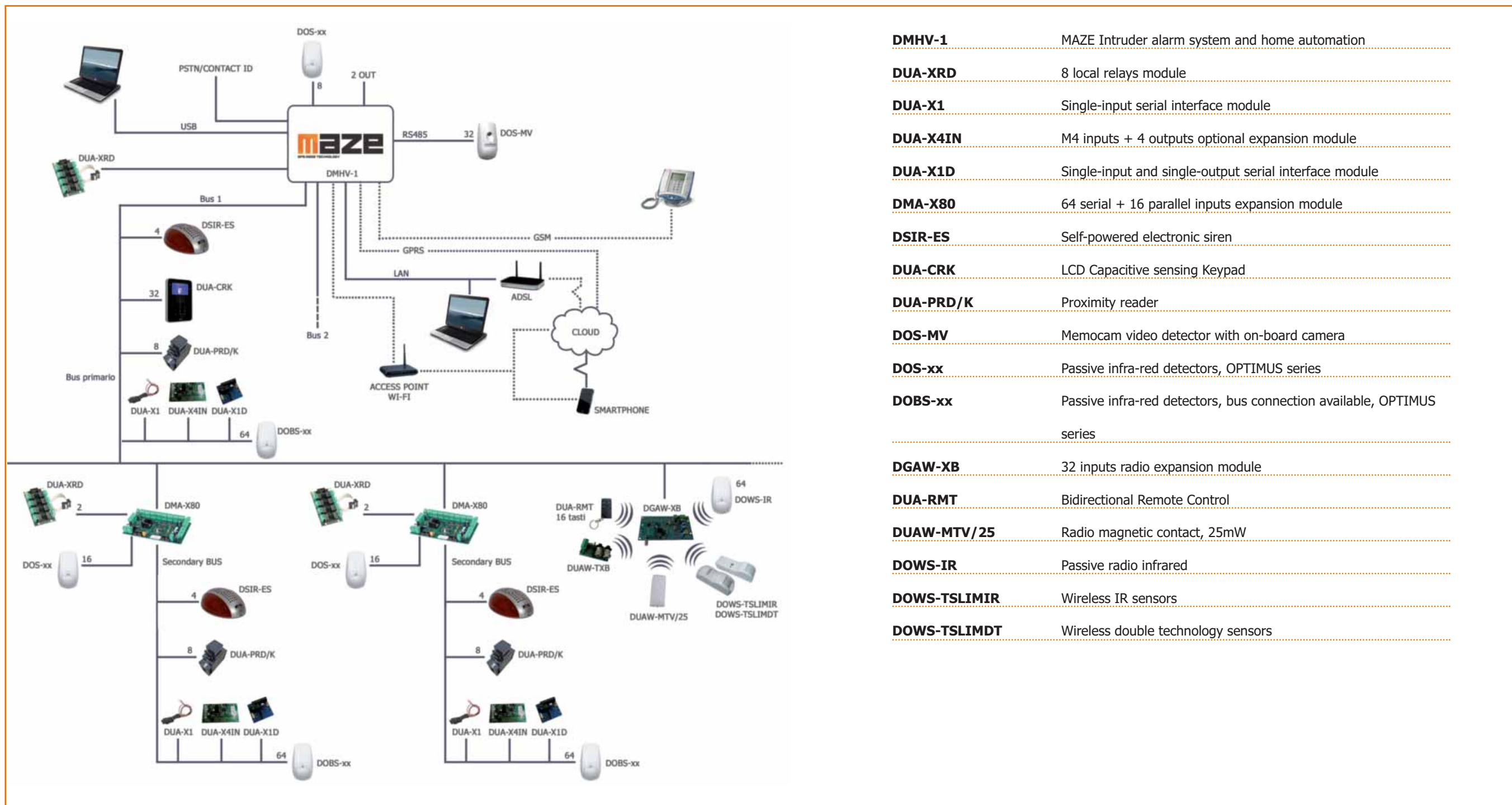
**Wireless connection is possible on WiFi, GSM/GPRS.**

Each Maze Technology Plus is designed to provide the installer with a **system easy to install** and with **unique features** in the security market.

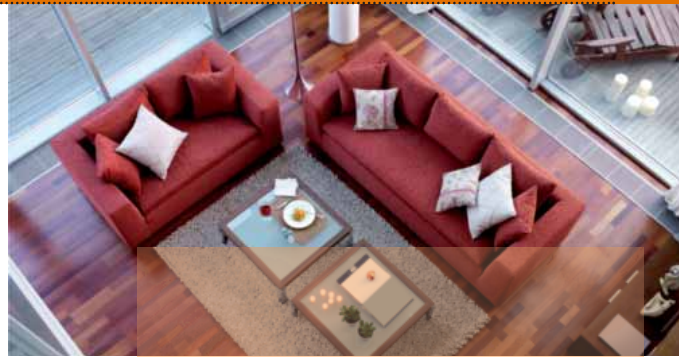
MAZE system.



MAZE architecture.



- DMHV-1** ..... MAZE Intruder alarm system and home automation
- DUA-XRD** ..... 8 local relays module
- DUA-X1** ..... Single-input serial interface module
- DUA-X4IN** ..... M4 inputs + 4 outputs optional expansion module
- DUA-X1D** ..... Single-input and single-output serial interface module
- DMA-X80** ..... 64 serial + 16 parallel inputs expansion module
- DSIR-ES** ..... Self-powered electronic siren
- DUA-CRK** ..... LCD Capacitive sensing Keypad
- DUA-PRD/K** ..... Proximity reader
- DOS-MV** ..... Memocam video detector with on-board camera
- DOS-xx** ..... Passive infra-red detectors, OPTIMUS series
- DOBS-xx** ..... Passive infra-red detectors, bus connection available, OPTIMUS series
- DGAW-XB** ..... 32 inputs radio expansion module
- DUA-RMT** ..... Bidirectional Remote Control
- DUAW-MTV/25** ..... Radio magnetic contact, 25mW
- DOWS-IR** ..... Passive radio infrared
- DOWS-TSLIMIR** ..... Wireless IR sensors
- DOWS-TSLIMDT** ..... Wireless double technology sensors



## MAZE.

### •MAZE Intruder alarm system and home automation

•**Inputs:** 72/1272, 8+64\* on the motherboard and 1200 with cable and radio expansion 16+64 inputs

•**Video and PIR Sensor:** 32 video sensors; PIR with video camera, 1 Mbit speed, on RS422 bus

•**Outputs:** 2/1272, 2 on the motherboard and 1272 with expansion

•**Areas:** 255 areas (sets of sensors): Forced/partial arming, deafness, input/output delay, time slot, output sets: status / alarm / warning / ready / delay / input, telephone no., voice mail, SMS, dual code, sending messages through telephone data line / sms / e-mail

•**Users:** 1000 users: installer / supervisor / user, combination of users / areas, user enabled time slot, code / key deadline, list of keypads / key-readers

•**Time slots:** 256 time slots: area arming / disarming, time restrictions for groups of users, time restrictions for keypads / key-readers

•**Proximity readers:** connections to central serial Bus or I/O board, max 128 (8 to central and 8 to each expansion board)

•**Communication included:** -TCP/IP; -USB Device for PC connection; -GSM/GPRS (voice and data, DTMF, SMS) for connection to Cloud GPS Standard

•**Communication optional:** -modem pstn, voice, DTMF (DUA-PC)

### •Programming and operating software

•**Remote control** from PC, Smartphone Android, iPhone and iPad

•**LCD Capacitive sensing keypad (included):** 128x64 dots graphic display (8 lines of 21 digits), integrated temperature sensor, max 32 connections to central serial Bus, consisting of: 23 keys, 6 information LED, speaker, microphone, tamper, wall mount and transponder

•**Watchmen:** 16

•**Scenarios:** 100

•**TAG:** n° 1 DUA-TAG included

•**Box** in plastic (DUA-PB)

*\*using bus GPS Standard sensors*

## Characteristics.

User friendly interface.

Remote control.

Easy system configuration.

Self-learning feature.

Expandability.

Reliability.

Italian design.

Flexibility.

“Versatility” in integration with other systems and protocols.

Integration with GPS  
Camera PIR.

Connectivity.

Video-check of events.

## Plus.

### User friendly interface.

**MAZE** presents new operating keypads, with an **attractive design**, making it an aesthetically pleasing product, but also easy to install, program and use.

The interface, in fact, has been entirely designed to ensure **simplicity and modernity** to any users, even non-experts.

Thanks to self-learning feature of connected devices, **the configuration is automatic and fast.**

The keypad is **touch sense**, with chip display on graphic glass, available in wired mode.

### Remote control.

Allows you to control the system from remote via software on PC, Smartphone applications, or iPhone and iPad.

Alarm notifications can also be sent via SMS/MMS/IP/E-MAIL. Connectivity is provided by the channels ADSL (via LAN) and PSTN, GSM / GPRS (voice, data, SMS).

### Wizard on board.

The Wizard function allows a step-by-step configuration, starting from the simplest operations up to the management of advanced functions.

The Wizard, combined with the "info" command which clearly and thoroughly explains all the system items, make the system programming procedure extremely simple.



DATA



# GRAZE

**Smart-looking Intruder control panel.**  
A **real combination of excellence and technological innovation**, this system embodies the quality that is an integral part of every GPS Standard device.



# GRAZE

Smart-looking Intruder control panel.

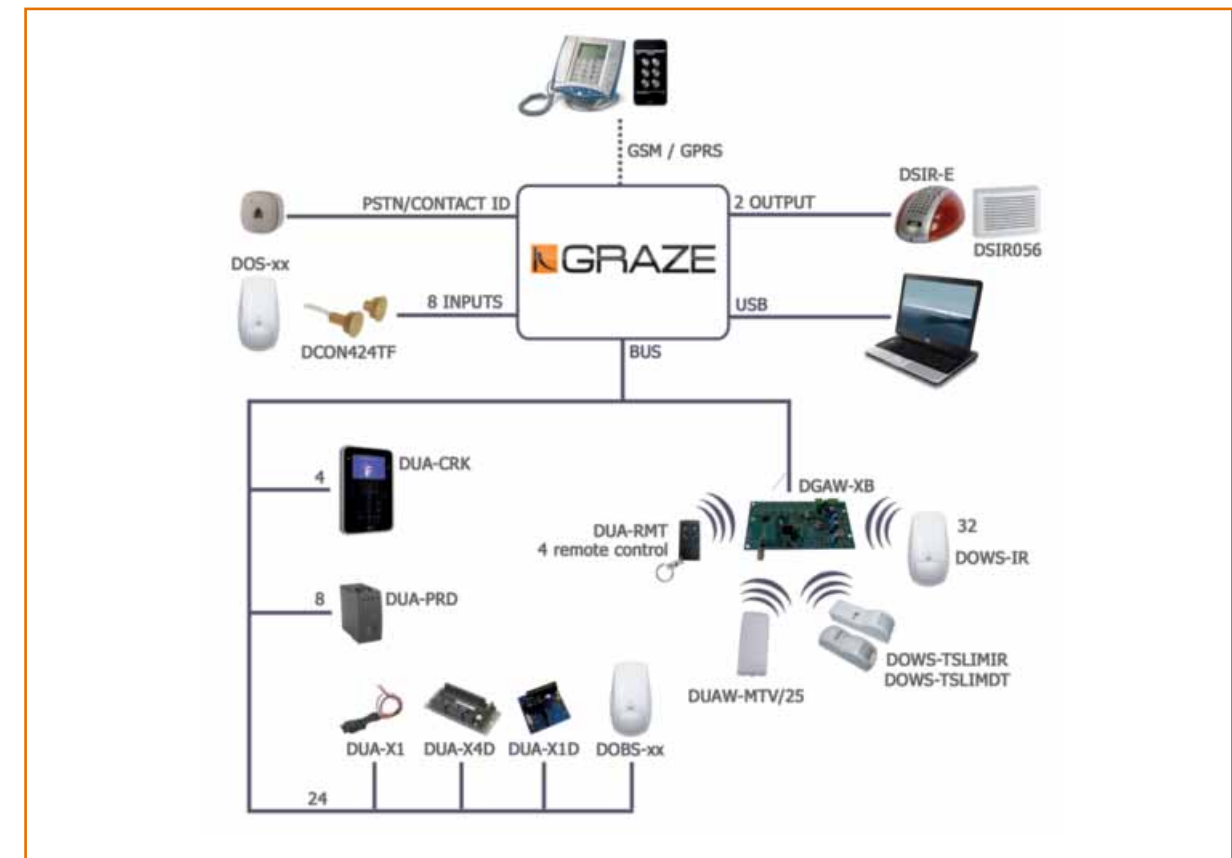
Its fluid design blends perfectly into any environment; GRAZE is easy to use and has been conceived and designed taking into account the highest security standards.

The GRAZE line is to all extents a **concentration of power and ease of use**. It has excellent usability, thanks to its **sophisticated electronics** and **intuitive interface**.



LCD Capacitive sensing Keypad.

### GRAZE Architecture.





## GRAZE.

- GRAZE Intruder alarm system, 32 inputs**

- Inputs:** 8 parallel + 24 serial \*

- Outputs:** 2 on the motherboard and 32 on bus

- Areas:** 12 areas (sets of sensors): forced/partial arming, deafness, input/output delay, time slot, sending messages through telephone data line / sms

- Users:** 32 users: installer/supervisor/user, combination of users/ areas, key

- Time slots:** 8 time slots: area arming / disarming, time restrictions

- LCD Capacitive Sensing keypad** (included): 128x64 dots graphic display (8 lines of 21 digits), integrated temperature sensor, max 4 connections to central serial Bus

- Proximity reader:** keypad in-built, can be connected to central serial Bus, max 8

- Communication modules included:**

- USB Device for PC connection

- GSM/GPRS (voice and data, DTMF, SMS) for IP connection

- Communication modules optional:**

- modem pstn

- Programming and operating software**

- Sensor self-learning on serial bus**

- Box** in plastic (DUA-PB)

*\*using GPS Standard sensors bus*

## Characteristics.

Easy system configuration.

Self-learning solution.

Intuitive user interface.

Design.

## Plus.

- User friendly interface.**

**GRAZE** presents new operating keypad, with an **attractive design**, making it an aesthetically pleasing product, but also easy to install, program and use.

The interface, in fact, has been entirely designed to ensure **simplicity and modernity** to any users, even non-experts.

The self-learning feature of connected devices and automatic configuration make **installation very quick**.

The keypad is available with **touch sense technology**, chip display on glass graphic, available in wired mode.

- Remote control and display.**

Allows you to control the system from remote via software on PC, Smartphone applications, or iPhone and iPad. Alarm notifications can also be sent via SMS / IP.

Connectivity is provided by the channels PSTN, GSM / GPRS (voice, data, SMS).

- Wizard on board.**

The Wizard function allows a step-by-step configuration, starting from the simplest operations up to the management of advanced functions.

The Wizard, combined with the "info" command which clearly and thoroughly explains all the system items, make the system programming procedure extremely simple.

DATA



# **GRAZE** R A D I O

**"ALL IN ONE" Full Wireless System.**

GRAZE RADIO is a real **combination of excellence and technological innovation**, as it embodies the quality that is an integral part of every GPS Standard device.



# GRAZE RADIO "ALL IN ONE" Full Wireless System.

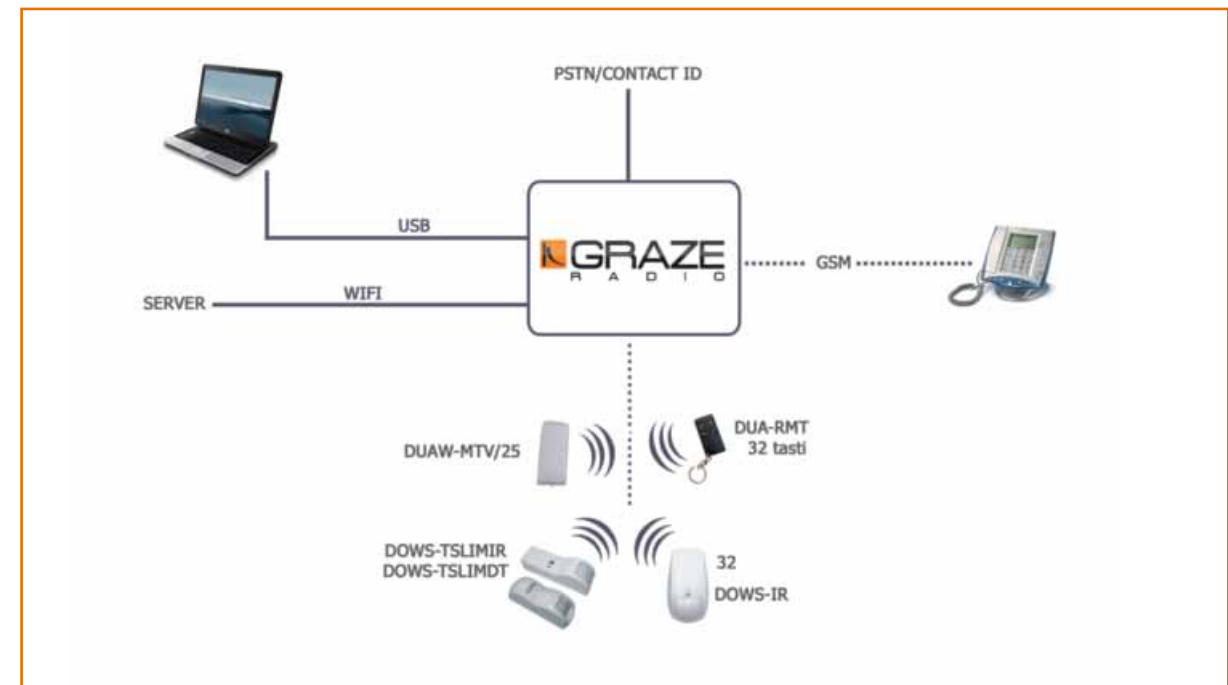
GRAZE RADIO is an "All in One Full Wireless" system, and its fluid design perfectly matches every environment. Easy to use, it has been conceived and designed taking into account the highest security standards. It is a **wireless device, affordable for everyone.**

The GRAZE RADIO line is to all extents a **concentration of power and ease of use.** It has excellent usability, thanks to its **sophisticated electronics** and **intuitive graphic interface.**



Graze Radio System.

### GRAZE RADIO Architecture.





## GRAZE RADIO.

### •GRAZE RADIO Full Wireless alarm system

- Inputs:** 32 inputs radio 868Mhz
- Outputs:** 1 on the motherboard
- Areas:** 12
- Users:** 64
- Time slots:** 8
- Integrated keypad:** 128x64 dots graphic display (8 lines of 21 digits), integrated temperature sensor
- Integrated proximity reader**
- Communication modules included:**
  - USB Device for PC connection
  - GSM/GPRS (voice and data, DTMF, SMS)
  - WiFi TCP/IP
- Cloud GPS Standard connection with free apps downloadable from the Apple Store / Google Play
- Programming and operating software
- n°1 DUA-TAG included

## Characteristics.

Easy system configuration.

Self-learning solution.

Compact: everything is in the keypad.

Integration with Smartphone

Intuitive user interface.

Design.

## Plus.

### User friendly interface.

**GRAZE RADIO** presents new operating keypad, with an **attractive design**, making it an aesthetically pleasing product, but also easy to install, program and use.

The interface, in fact, has been entirely designed to ensure **simplicity and modernity** to any users, even non-experts.

The self-learning feature of connected devices and automatic configuration make **installation very quick**.

The keypad is available with **touch sense technology, chip display on glass graphic**, available in wired mode.

### Remote control and display.

Allows you to control the system from remote via software on PC, Smartphone applications, or iPhone and iPad. Alarm notifications can also be sent via SMS / MMS / IP.

Connectivity is provided by the channels ADSL (Wi-Fi) and PSTN, GSM / GPRS (voice, data, SMS).

### Wizard on board.

The Wizard function allows a step-by-step configuration, starting from the simplest operations up to the management of advanced functions.

The Wizard, combined with the "info" command which clearly and thoroughly explains all the system items, make the system programming procedure extremely simple.

Accessories for MAZE, GRAZE and GRAZE RADIO system



**DMA-X80**  
64 serial + 16 parallel inputs + tamper expansion module



**DUA-X1**  
Single-input serial interface module.



**DUA-X8IN**  
8 inputs + 4 or 8 outputs optional serial interface module.



**DUA-TAG**  
Proximity key.



**DUA-CRK**  
LCD Capacitive sensing Keypad.



**DUA-X1D**  
Single-input and single-output serial interface module.



**DUA-LAR0:** TX/485/422 multi-protocol repeater  
**DUA-LAR3:** 1:3 bus repeater



**DUA-PC**  
PSTN Modem.



**DUA-PRD**  
Proximity reader.



**DUA-X1A**  
1IN/10OUT serial interface module with relay with analogic input 4-20mA



**DUA-XRD**  
8 local relays module.



**DGAW-XB**  
32 inputs radio expansion module



**DUA-PRD/K**  
Proximity reader with Keystone connection.



**DUA-X4IN**  
4 inputs + 4 outputs optional serial interface module.



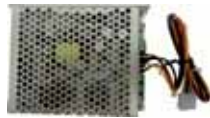
**DUA-XRD/4**  
4 local relays module.



**DUAC-AG1**  
GSM antenna.

Accessories for MAZE, GRAZE and GRAZE RADIO system

Versions



**DUA-PS**  
12V-3A stabilized switching power supply.



**DUAW-TXB**  
Multifrequency radio transceiver.



**DMHV-1**  
MAZE 72/1272 inputs.



**DMHV-1/B**  
MAZE 72/1272 inputs.  
Keyboard color: white.



**DGA-PS**  
12W 12V power supply.



**DGAW-XBR**  
Radio repeater module  
32 wireless sensors and remote controls.



**DGH**  
GRAZE 32 inputs.



**DGH/B**  
GRAZE 32 inputs.  
Keyboard color: white.



**DUA-T**  
220-240Vac electronic ballast.



**DUAW-MTV/25**  
Radio magnetic contact,  
25mW



**DGHW**  
GRAZE Full Wireless 32 inputs.



**DUA-PB**  
Plastic box.



**DUA-RMT**  
Bidirectional Remote Control.





## OPTIMUS

The new line of OPTIMUS sensors consists of a **complete range of detectors in different versions**, and it is proposed to meet any needs of indoor protection.

Forty years of experience of GPS Standard, combined with synergies with leading companies in the security market, have given this product line technological innovation and elegance, two fundamental aspects of detectors for indoor use.



# OPTIMUS Top-quality detectors.

The new line of OPTIMUS detectors provides a concentration of experience, engineering and technological innovation.

It offers unparalleled levels of security and unprecedented digital signal processing.

Cutting-edge technology and compact size, giving a contemporary and elegant style to the detectors.

The OPTIMUS detectors are of high quality and easy to install.



OPTIMUS detectors.



Indoor and outdoor detectors



**DOS-IR**  
Passive infrared detector with special optical lens associated with a four-element sensor



**DOS-TLIMFTDT**  
Double technology curtain effect detector  
**DOWS-TLIMFTDT**  
Versione wireless



**DOBS-DT**  
Double technology detector, bus connection



**DOS-IR100**  
Double beam active infrared detector, 100 meters



**DOS-DTK**  
Double technology detector with rigid lens



**DSS-AM**  
Dual technology wall and ceiling detector



**DOS-MV**  
Passive infrared detector, video with on-board camera



**DOWS-IR**  
Passive infrared radio detector



**DOS-DTPM**  
Double technology PIR + microwave detector, with anti-masking



**DOS-DTSPOT360**  
Dual technology ceiling detector



**DOS-DTSM**  
Dual technology waterproof detector



**DOWS-IR25**  
Passive infrared radio detector, 25mW



**DOS-TSLIMIR**  
Infrared curtain effect detector  
**DOWS-TSLIMIR**  
Wireless version



**DOBS-IR**  
Passive infrared detector with special optical lens, bus connection



**DOS-IR50**  
Double beam active infrared detector, 50 meters





Committed to security.

GPS STANDARD SRL

Fraz. Arnad Le Vieux, 45/C • I 1020 Arnad (AO) - Italy • Ph. +39 0125 96 86 11 • Fax +39 0125 96 60 43  
info@gps-standard.com • www.gps-standard.com

COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001:2015 =

COMPANY WITH  
ENVIRONMENTAL SYSTEM  
CERTIFIED BY DNV GL  
= ISO 14001:2015 =

COMPANY WITH  
SAFETY MANAGEMENT SYSTEM  
CERTIFIED BY DNV GL  
= ISO 45001 =



Copyright by GPS Standard Srl

The rights of translation, reproduction or complete or partial amendment, by any means, are reserved in all countries.

GPS Standard reserves the right to modify the technical characteristics and prices without prior notice.  
The information provided in this document is subject to modification and/or errors.  
For detailed information refer to GPS Standard.