



NEXTec

MADE IN ITALY



BURGLAR  
SYSTEMS  
CATALOGUE

2015



# NEXTtec

NEXTtec projects and manufactures efficient security systems combining high performance level to a simple and practical used, in order to ensure easy installation and intuitive programmes for specialists and a simplified management for all users.

## EXPERIENCE IN THE SERVICE OF SECURITY

NEXTtec: a company composed of a tight-knit staff with significant and specific technical skills acquired in the security industry, uses 30 years of experience gained by continuous care in search of increasingly innovative solutions, responding quickly to the industry development and trade requests.

## A NAME TO WARRANT THE MADE IN ITALY

NEXTtec projects and manufactures entirely in Italy efficient security systems, developing in complete independence all steps of the process: hardware, software and firmware of electronic cards are indeed subjected to a strict quality control, ensuring excellent performance through the adoption of sophisticated equipment and monitoring tools.

## CAREFUL WITH NEEDS CUSTOMERS

NEXTtec ensures continuity in customer relations, offering customized solutions, thanks to the extreme versatility of its product that can be adapted to any type of installation maintaining nevertheless high efficiency over the time.

Following this purpose, NEXTtec is able to satisfy any specific customer's requirements.

## THE ASSISTANCE THAT YOU'RE LOOKING FOR

NEXTtec guarantee continuous assistance, right from the first phase of testing, thanks to the intervention of an expert always available, ables to manage promptly to every problems. Assistance, also spreads in planning of refresher courses, in order to ensure consistently high performance levels, matching up to any type of security installation. Also it ensures an accurate after-sales service at any time, giving support and advices, constantly on the various needs of customers.

The NEXTtec mission is to provide not just customized and quality products, but a simple, fast and intuitive work method for technician, essential to operate in safety and tranquillity.





# NEXTtec Burglar Systems



Hybrid Wire/wireless systems



Perimetral Guards



Control Devices



Perimetral Barriers



Indoor Detectors



Sirens



Outdoor Detectors



Telephone Dialers



[www.nexttec.it](http://www.nexttec.it)

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## SUPERLINK SYSTEM

A real innovation of communication, created to ensure immediate interaction and global security all in one product.

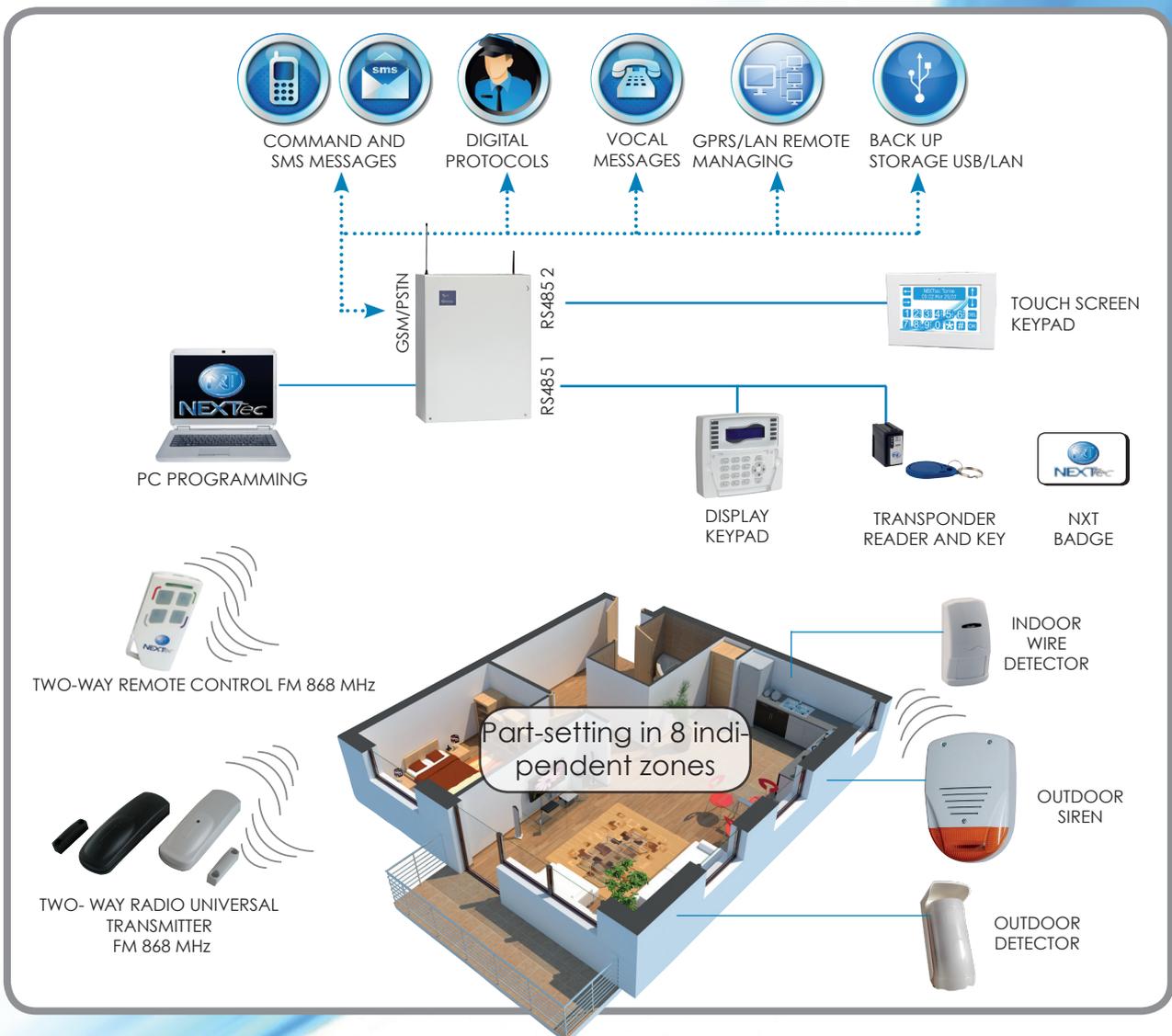
**SUPERLINK: Interactive Wire/wireless burglar system, PSTN/GSM-GPRS and LAN, adaptable to different applications, born to guarantee a simple and quick programming for installer, and a secure and immediate system management for user.**

Not only easy installation, but also complete system flexibility, thanks to 8 inputs expandable up to **120 (56 wired inputs + 64 wireless or 120 wired + 8 technical inputs)** in order to obtain an ideal system for medium and big installations, both of modest and complicated nature, which require a complete and advanced system, ables to guarantee high efficiency and reliability.

The system heart contains these features composed by:

- **Wire/wireless Two-Way Radio control panel**, FM 868 MHz, 2 RS485 serial bus and supervision of all wired/wireless peripherals. Multiuser function included, to manage up to 8 independent installations; more up to 8 activation programs, workable individually or different combinations.
- **GSM and PSTN telephone dialer integrated**, remote managing, to guarantee steady and secure connection. Backing up each other, moreover the user chooses which one will be the priority vector.
- **Wireless receiver** to manage wireless devices, detectors and control devices such as keypads and remote controls.
- **Wireless transmitter integrated** to activate, deactivate control panel functions linked to managing and consulting system state necessary to sirens, keypads and remote controls activation.
- **TCP/IP interface** which connects the control panel with the LAN network or ADSL modem, in order to control and program the system remotely, through the control software equipped with an intuitive control panel, which makes it easy for the installer and user.

The control panel manages up to **70 programmable outputs**: alarm, remote control, fault, block system state and domotic applications managing.





## LISTEN BEFORE TALK FUNCTION

Innovative anticollision function with wireless interferences

New technology projected to make the two-way wireless alarm system more secure and reliable. This feature allows to control panel and to wireless peripherals, to capture radio signals and transmitting the alarm immediately as soon as the field is free by radio interferences. For more immunity from radio interferences and to ensure the signal reception to the control panel, the radio transmission between the central and peripheral are transmitted on two different channels simultaneously.

Thanks to the reception notice sending by the central to the peripheral, the LBT function ensures that the control panel receives the accurate signaling of the alarm in progress since the first sent, also to minimize the energy consumption. The transmission operation is repeated until 3 times to ensure greater security to the communication system.

## ANTI-JAMMING FUNCTION

Designed to make harmless radio noise devices that blinding the GSM signal.

The Antijammer software preserves the correct alarm system working.

## RANGE EXTENTION REPEATER FOR SECURITY SYSTEM NRP22/BIDI

New module to extend peripherals radio range

It is possible redoubling peripherals radio range, through installation up to 8 radio repeaters inside the buildings.

## MAXIMUM RELIABILITY IN REMOTE MANAGEMENT AND REMOTE COMMUNICATION

GSM / GPRS to remotely manage command and control system through:

-Proprietary software, E-link, for local system programming and remote control directly from PC

- Android and iOS Application: Remote Control management of main functions by SMS for Smart Phone and tablets

- The GSM Telephone dialer sends alarm by SMS, vocal messages, digital communication protocols to the vigilance (Contact ID)
- Automatic management of following functions:
- Activation/Deactivation System
- System State checking ( Active/deactive)
- Zone part set
- Including/Excluding Inputs, Outputs, or zones
- Activation/Deactivation technologic functions and domotic customized applications (electric system, heating system, irrigation system, management, etc...)
- localization alarm sensor : SMS Receiving that signaling the area where the alarm occurred
- Interrogation remaining telephone credit card
- Telephone numbers changing
- Consulting historic file (500 events)

## The simplicity of SMS management

- Activation/Deactivation System
- System State checking ( Active/deactive)
- Zone part setting
- Including/Excluding Inputs, Outputs, or zones



- Activation/Deactivation technologic functions and domotic customized applications (electric system, heating system, irrigation system, management, etc...)
- Localization alarm sensor : SMS Receiving that signaling the area where the alarm occurred
- Interrogation remaining telephone credit card
- Telephone numbers changing
- Consulting historic file (500 events)

## **Control Devices**

**Interaction and evolution in one touch. New touch screen Keypad NTS430/TS. Touch screen Keypad with menu with icons and graphical maps to make even more intuitive and immediate planning and consultation of security system.**

- Through a touch it is possible manage
  - technical menu, to access to programming data and system configuration
  - user's menu for total or partial activation system status checking, speed domotic function managing, historic files consultation, system managing
- SD Card housing, for graphic maps view



### **LCD Keyboard - NTS400SL**

**Programming and activating wired keyboard**

**Aesthetic and technological innovation for the new command keyboard, with an intuitive menu highlighted by a brilliant and bright blue display that allows more visibility and definition of the function, made even easier to facilitate and speed up phases of programming and management of the system, both for the installer and for the user.**

- All programs / areas are displayed individually in order to facilitate the identification of active functions.
- Equipped with multi-user function to handle up to 8 independent systems.



### **LCD Keyboard - NTS500**

**Programming and activating wired keyboard with transponder and vocal reply**

- Same characteristics of LCD keyboard with integrated transponder sensor and vocal reply to know on user's request the open inputs and system status

### **Transponder reader - NLP500**

**Proximity reader for transponder keys and badges for activation / deactivation**

- Built-in sensor with Magic© slot, with integrated transponder
- Part set in 8 areas
- Activation signaling areas and memory
- Equipped with multi-user function to handle up to 8 independent system



### **NRC22BIDI 868 MHz remote control for activation/deactivation**

Two-way radio remote control, with status system request, equipped with 4 individually programmable channels (activation/deactivation, panic, robbery, medical aid)



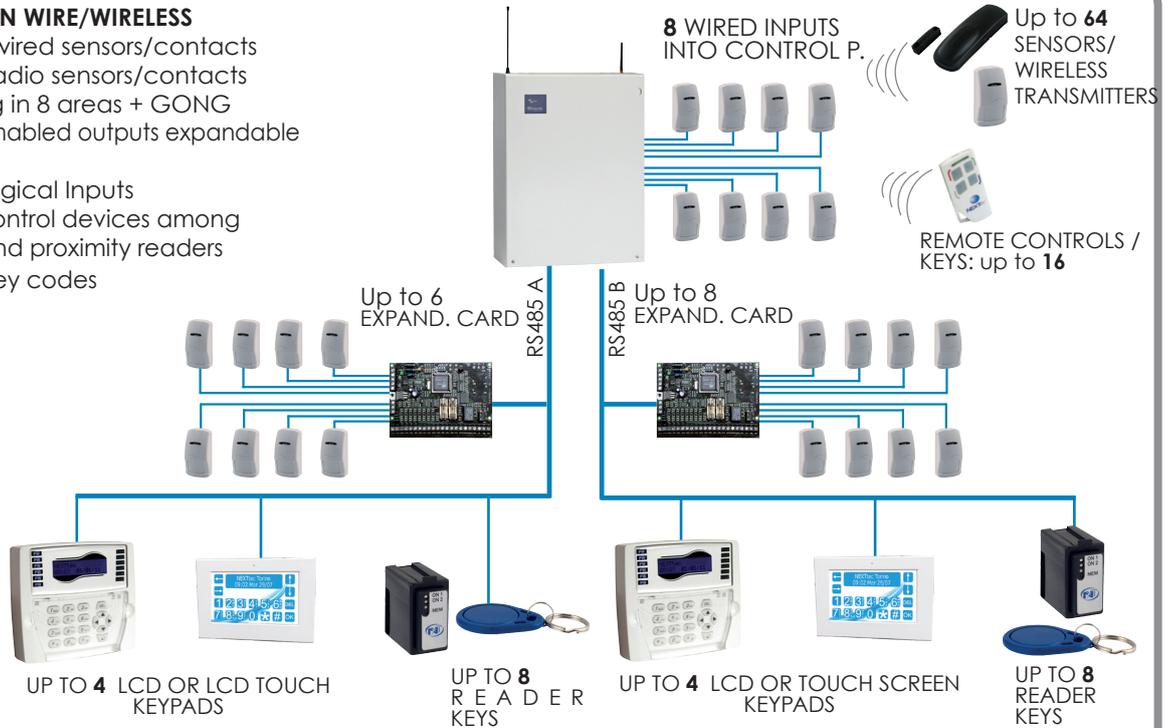


## System expandability

Different solutions available to extend the using versatility of system

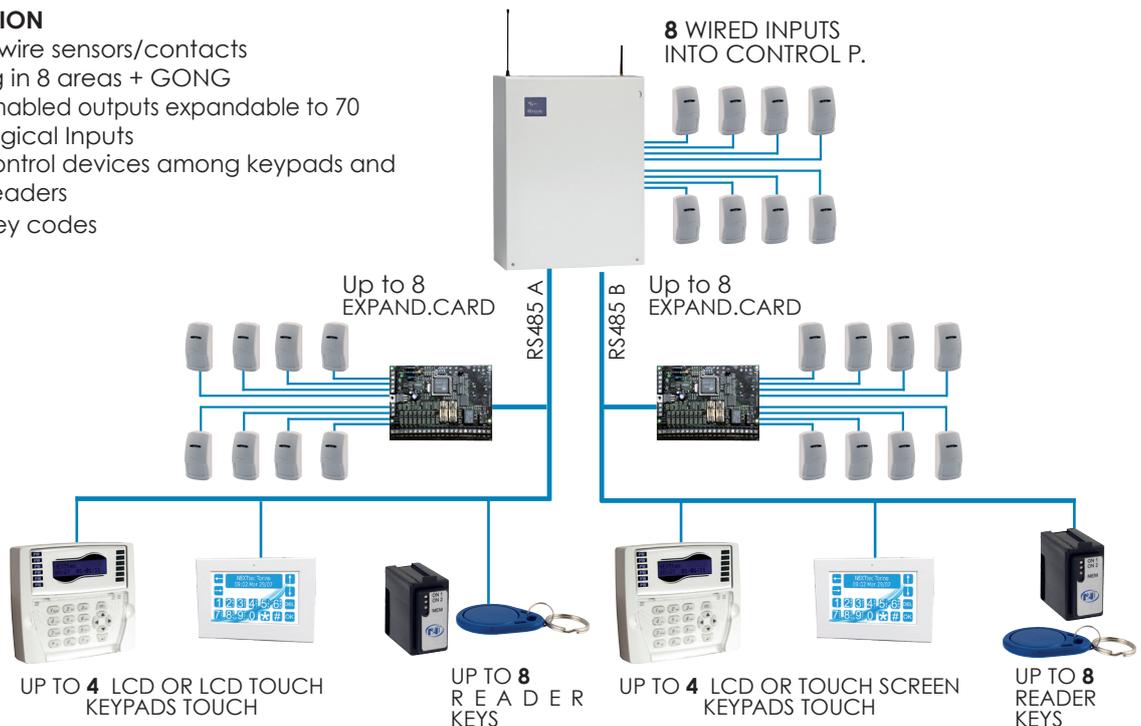
### MIX SOLUTION WIRE/WIRELESS

- Up to 56 wired sensors/contacts
- Up to 64 radio sensors/contacts
- Part setting in 8 areas + GONG
- 8 Programmable outputs expandable to 70
- 8 Technological Inputs
- Up to 24 control devices among keypads and proximity readers
- Up to 64 key codes



### WIRED SOLUTION

- Up to 120 wire sensors/contacts
- Part setting in 8 areas + GONG
- 8 Programmable outputs expandable to 70
- 8 Technological Inputs
- Up to 24 control devices among keypads and proximity readers
- Up to 64 key codes



# Control Panel And Expandable cards features

## SUPERLINK

**An hybrid wireless/wire multi-function control panel with GSM and PSTN integrated, FM 868 MHz frequency, 2 serial buses RS 485, controlled by transponder devices and remote-management through GPRS and LAN.**

- 8 wired/wireless inputs expandable up to 120 + 8 programmable technical inputs NC or double balanced, delayed and excluded through the SMS
- Two-way radio remote control with 4 channels for notifying of the system status (On/Off)
- 8 programs/areas of partition + "Gong"
- 1 24h input, expandable to 15, 1 emergency key input
- 8 expandable outputs up to 70 programmable as: alarm, remote control, fault, block and system status
- Up to 64 wireless detectors/contacts
- Up to 14 expansions NES 500
- Up to 16 remote controls, 64 key codes, numeric codes and proximity keys with possibility of nomination
- Up to 24 control devices shared in 2 serial BUS: up to 8 multi-use LCD keypads and Touch Screen, which can be combined at your choice, up to 16 transponder readers and keypads combinable at your choice.
- Equipped with an input filter, able to manage quick contacts for shutters
- Equipped with multi-user function to handle up to 8 independent system
- File Historic 500 events consulting by SMS
- Transmits vocal messages, sends and receives SMS text messages and manages communication protocols "Contact ID", SIA
- Self protection function to signaling GSM noise devices: Anti-jamming
- Anticollision function with wireless interferences: LBT
- Each alarm input can send 1 SMS, which identifies the

detector's location

- GSM/GPRS for remote control telemanagement of system through the:
- Proprietary software e-Link for local or remote programming by PC
- Android and iOS application for smart phone and tablet
- GSM/GPRS for remote control telemanagement of the system through the:
- TCP/IP interface for the connection of the control panel to the LAN network
- Remote controlled through the SMS and from the centralized remote control system
- Arming/Disarming of system through the:
- SMS
- LCD New backlit keypad with a blue display
- Transponder control devices: proximity readers and LCD keypad with a proximity sensor equipped with vocal reply
- Remote control with 4 channels to interrogate system state (Activated/Deactivated) and different programmable features among panic, robbery, medical aid buttons
- Touch screen keypad
- Managing the applications for domotic system (lighting system, heating)
- Programmed periodical reporting of the requested remaining credit and term of validity
- Pre-recorded vocal transmission: 21 messages x 120 sec
- Telephone numbers: from 16 to 24 characters
- Test telephone number
- Credit Provider and credit phone number
- Supply voltage: 13,8 Vdc
- Minimum voltage of functioning: 10,5 Vdc
- Absorption during the teleph. transmission at 13.8Vdc:400 mA
- Modular power supply 2A
- Battery housing: 12 Vdc 18 Ah
- Dimensions: 325x405x85 mm
- Sheet metal casing L60



EXPANDABLE INPUT



PART SETTING



COMMANDS SMS APPLICATION ANDROID AND IOS



DIGITAL PROTOCOLS



VOCAL MESSAGES



TELEMANAGEMENT GPRS / LAN



BACK UP USB / SD CARD



LOCAL/REMOTE PROGRAMMING



LBT FUNCTION



ANTI-JAMMING FUNCTION

## NES500

**SERIAL EXPANDABLE CARD 8 INPUTS 5 OUTPUTS**

- Connected by 485 serial
- 8 inputs balanced and excluded. It manages the speed inputs for blinds. Technical inputs to control additional power supply
- 5 outputs

## NES500 BIDI

**SERIAL EXPANDABLE CARD 8 INPUTS 5 OUTPUTS WITH RADIO RECEIVER**

Same features of NES500, but equipped of two-way radio receiver

- It manages up to 32 radio inputs
- 5 outputs

## NRP22BIDI

**RANGE EXTENTION REPEATER FOR SECURITY SYSTEM**

- Self powering 200 Vdc
- It is possible redoubling peripherals radio range, through installation up to 8 radio repeater inside the buildings.
- It can repeaters all 64 radio contacts/sensors and remote controls





## Control Devices Features



### NTS400/SL

#### NTS400

##### Programming and activation LCD keyboard

- Equipped with multi-user function to handle up to 8 independent systems
- Connected on RS485 Bus
- Blue backlit display 2 x 16 mm
- Security Flap for keys
- ABS case available in silver, white and anthracite
- Dimensions: 130 x 113 x 30 mm (L x H x D)



### NTS500/SL

##### Programming and activation LCD keyboard activation with transponder sensor, and vocal response

- Same characteristics of NTS400 with integrated sensor transponder and vocal command response on user's request to know the user the status of the inputs and open.



### NTS430/TS

##### Programming/activation Wire touch screen pad

Technical menu, to access to programming data and system configuration.

User's menu for total or partial activation system status checking, speed domotic function managing, historic files consultation, system managing

- Display 4.3inch 480x272 16.7 thousand of colors, backlight
- SD Card housing, for graphic maps view
- Multi-user function to handle up to 8 independent systems
- Connected on RS485 Bus. USB port.
- Activation/Deactivation and System Status Checking:

- System, Input/output

- Connected on RS485 Bus. USB port.

Domotic application management automation applications as lighting, heating, cooling, irrigation system

- Colors: withe, anthracite, silver
- Dimensions: 135 x90x20 mm (LxHxP)



### NLP500/SL

##### Proximity reader for transponder keys for activation / deactivation

- Direct connection of 4-wire serial bus
- Housing Magic©
- Part set in 3 area
- Equipped with multi-user function to handle up to 8 independent systems
- Signaling: activation and memory areas
- color: white and anthracite



## Control Devices Features

### **NXT**

Activation/Deactivation badge

### **NCP10**

Transponder key code

- Not copiable One code

### **NRC22-BIDI**

Two-way remote control 4 channel, FM 868 MHz

- Two-way remote control with 4 channels individually programmable (activation / deactivation, panic, robbery and medical aid)
- System Status Request
- frequency 433.92 MHz
- Part setting areas
- Programming panic function ON / OFF
- 12Vcc Alkaline Batteries included
- Dimensions: 65x35x12 mm (Lx H x D)



## Transmitters technical features

### **NCR22/BIDI**

Wireless Universal transmitter FM 433.92 MHz for contacts

- Range 100m in open field
- 2 programmable inputs for external contact or roller
- 1 reed contact integrated
- Signal Status
- Anticollision communication protocol LBT
- Double transmission code
- 1 Wired input and controlled pulse counter
- Function Door Open / Closed
- Managing external contact
- code self-learning Transmission to 64 Bit
- Management: life status and low battery
- Power Supply 3.6V LITHIUM battery not included
- Low battery signal
- Auto-Protect: anti-opening and anti-magnetic field
- Colors: white and brown
- Dimensions: 127x37x23 mm (Lx H x D)



### **NCR22/BIDI/I**

Two-way rWireless Universal transmitter FM 868 MHz for contacts

- Same NCR22BIDI features with inertial sensor with sensibility regulation trimmer





# SUPERLINK SYSTEM



Superlink system expands its used versatility extending range and making available different versions with 433.92 MHz work frequency to satisfy different applications needs:

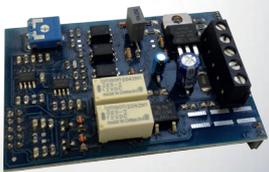
CONTROL PANEL MODEL	WIRED SYSTEM	HIBRID WIRE +WI-RELESS SYSTEM	SUPPORT GSM MODULE	SUPPORT PSTN MODULE	ANDROID AND IOS APP	SUPPORT TWO WAY REMOTE CONTROL	SUPPORT EXPANDABLE CARD NES500RX	LAN AND SD CARD INTEGRATED
SUPERLINK_433 L60	•		•	•	•		•	
SUPERLINK_433 L60 RX/TX	•	•	•	•	•	•	•	
SUPERLINK_433LS L60 RX/TX	•	•	•	•	•	•	•	•

## System elements:

### NCD500P

#### Telephone dialer PSTN Digital card with Modem integrated

- Telephone dialer PSTN card with modem equipped, permits communication with Superlink control panel through DTMF tones and vocal messages.
- The control panel linked to a modem through a simple connector transmit Contact ID digital protocol and vocal messages.
- Transmits up to 29 vocal messages (240" recording) to user to signal system state in progress: alarm, fault, low battery, anomaly etc...
- Up to 16 programmable telephone numbers between user and surveillance



### NCD500G

#### Telephone dialer GSM card with vocal sintesys and SMS

- NCD500G cards permits to Superlink control panel to optimize remote system remote management in order to give more performance thanks to:
- SMS sent to identify each alarm inputs and all events created from control panel
- receiving SMS to include, exclude, question inputs
- receiving SMS to activated/deactivated zones
- ID messages Transmission on GSM vocal channel
- vocal messages on GSM
- Caller Identify
- Residual credit card check
- Consulting historic files through SMS
- uploading and downloading of all programming data through GPRS channel in simple and speed way. Permits the anti-jamming function management



## NRC433/BIDI

### Two-way wireless remote control FM 433.92 MHz

- 4 channels programmable individually which associate up to 8 different functions:
- System Activation/deactivation
- Signal Status
- Output computing (panic/domotic)
- Input simulation (robbery/medical aid)
- Function Door Open / Closed
- Managing external contact
- codeTransmission
- Zones part-setting
- Anti-panic function programming ON/OFF
- Power Supply 12V battery included
- Dimensions: 65x35x12 mm



## NRC500/TX

### Wireless remote control FM 433.92 MHz, 4 channels

- 4 channels programmable individually which associate up to 8 different functions: System Activation/deactivation, Signal Status, (panic/domotic), (robbery/medical aid)

## NCR18TX

### Wireless Universal transmitter FM 433.92 MHz for contacts

- Range 100m in open field
- 1 programmable input for external contact or roller
- 1 reed contact integrated
- Signal Status
- Double transmission code
- Function Door Open / Closed
- Managing external contact
- code self-learning Transmission to 66 Bit
- Management: life status and low battery
- Power Supply 3.6V LITHIUM battery not included
- Low battery signal
- Auto-Protect: anti-opening and anti-magnetic field
- Colors: white and brown
- Dimensions: 127x37x23 mm (Lx H x D)



## NCR18/TX/I

### Wireless Universal transmitter FM 433.92 MHz for contacts

Same NCR18TX features with inertial sensor with sensibility regulation trimmer

## NIM28T/TX

### Indoor Wireless Double technology Volumetric detector, curtain effect for doors and windows

- Working Frequency 433.92MHz FM
- Range about 100m in open field
- Maximum 3 m
- Opening angle: 3 °
- Walk test mode operation
- Code 66 Bit
- Low battery signaling and status in life
- Anti - Tampering devices
- Power 7,2 V Lithium battery not included
- Dimension: 130 x 40 x 22 mm



## NIR180TX

### Wireless Indoor Passive Infrared Detector

- Working Frequency 433.92 MHz FM
- Range 100 m in free field
- Maximum 12 m
- Open 90 °
- Sensitive Areas 18 on 4 floors
- Power supply: n.1 7.2Vcc Lithium batteries not included
- Dimensions: 65 x 108 x 42 mm





## LINK8 SYSTEM

Hybrid wire/wireless system: multifunctional versatility, remote control and simple used all in a new, elegant, unique product

**A new design with elegant and sinous lines but made of a strong and handy structure contains all reliability of our wire systems and all versatility of our wireless systems, in order to guarantee in one product, global security and total remote system management.**

The system is composed by wireless/wire control panel FM 433.92 MHz frequency and PSTN or GSM telephone communicator which transmitting vocal messages, sending and receiving SMS and managing digital communication protocols

“Contact ID”. Moreover, GSM permits remote control management of main functions through SMS such as consulting to guarantee maximum communication and interaction wherever user is.

The control panel transmits vocal messages, and sends digital communication protocols to the surveillance institutions and SMS texts messages as well.

**Maximum system flexibility**

The system is the ideal solution for medium and big applications

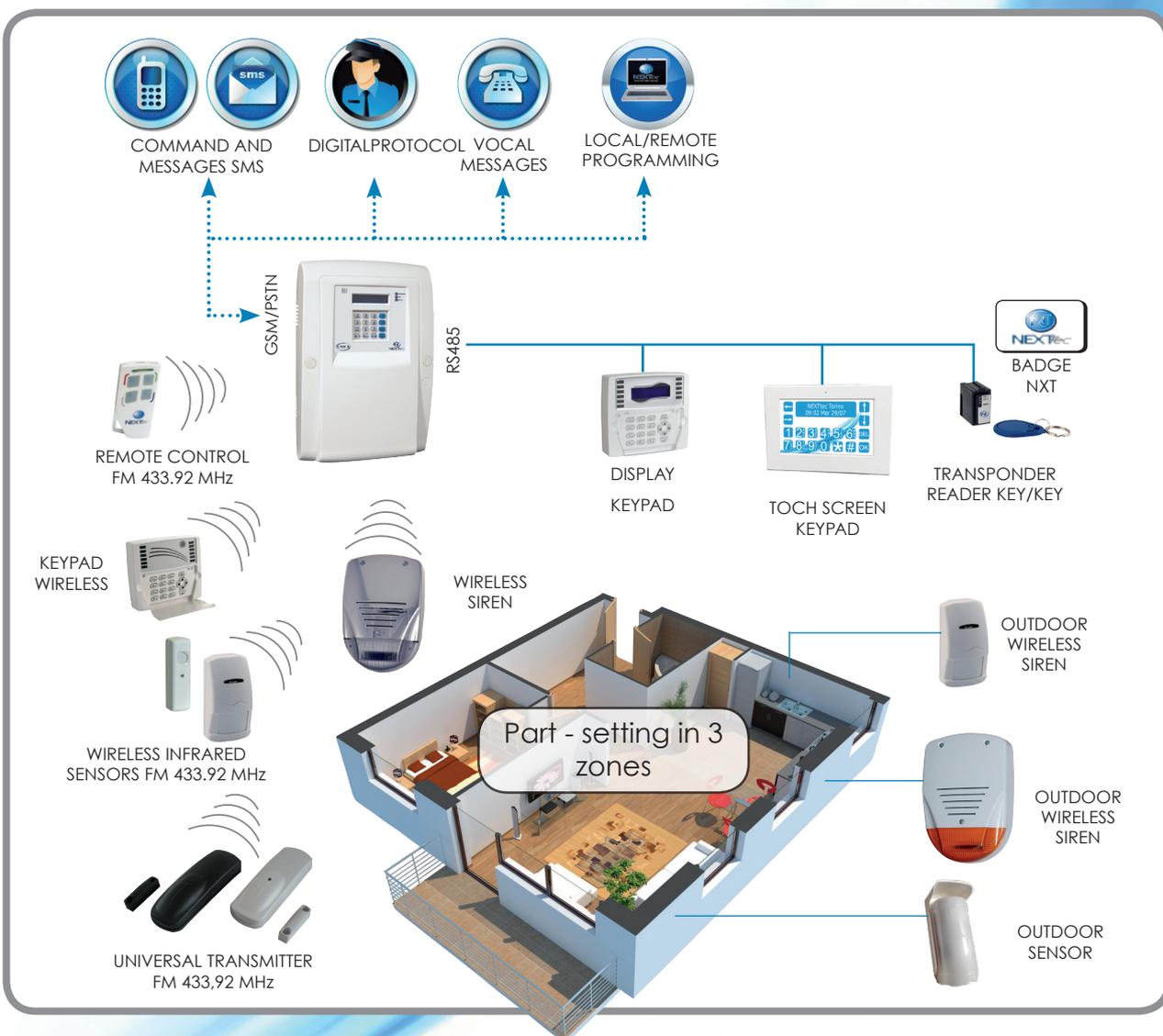
Multi-user function to manage up to **3 independent alarm systems**

**8 wired inputs expandable to 32** for the wire version (inputs NC or double balanced)

The Hybrid version wireless/wired manages **8 wire inputs up to 48 wireless sensors/contacts** 433.92 MHz FM.

All sensors can be excluded by SMS. Each alarm input sends one SMS that identifies the sensor location.

Local and remotely programming and through proprietary e- Link software for PC.





## ANTI-JAMMING FUNCTION

Designed to make harmless radio noise devices that blinding the GSM signal. The Antijammer software preserve the correct alarm system working.

## Maximum reliability in remote management and remote communication

- GSM / GPRS to remote manage command and control system through:
  - -Proprietary software, E-link, for local and remotely programming directly from PC
- - Android AND iOS Application: Remote Control management of main functions by SMS for Smart Phone and tablet
- The GSM Telephone dialer sends alarm through SMS, vocal messages, digital communication protocols to the surveillance institutions (Contact ID)
- Automatic management of following functions:
  - Activation/Deactivation System
  - System State checking ( Active/deactive)
  - Zone part set
    - Including/Excluding Inputs, Outputs, or zones
    - Activation/Deactivation technologic functions and domotic customized application (electric system, heating system, irrigation system, management, etc...)
    - localization alarm sensor : SMS Receiving that signaling the area where the alarm occurred
    - Interrogation remaining telephone credit card
    - Telephone numbers changing
    - Consulting historic file (500 events)



## The simplicity of management by SMS

- Activation / Deactivation System
- Check system status (On / Off)
- Part setting zones
- Include / Exclude Inputs, Outputs and Zones
- Activation / deactivation technology functions and customizable applications for home automation (Electrical system management, heating, irrigation system, etc ...).
- Localization alarm Sensor: Receive SMS indicating the area where the alarm occurred
- Query remaining credit Sim Cards
- Change in phone numbers
- Consultation history file (500 events)





**Interaction and evolution in one touch. New touch screen Keypad NTS430/TS. Touch screen Keypad with menu with icons and graphical maps to make even more intuitive and immediate planning and consultation of security system.**

- Through a touch it is possible manage
  - technical menu, to access to programming data and system configuration
  - user menu for total or partial activation system status checking, speed domotic function managing, historic files consultation, system managing
- SD Card housing, for graphic maps view



**LCD Keyboard - NTS400**

**Programming and activating wire keyboard**

- Aesthetic and technological innovation for the new command keyboard, with an intuitive menu highlighted by a brilliant and bright blue display that allows maximum visibility and definition to the functions, made even easier to facilitate and speed up phases of programming and management of system, both for the installer and for the user. All programs / areas are displayed individually in order to facilitate the identification of active functions.
- Equipped with multi-user function to handle up to 3 independent systems



**LCD Keyboard - NTS500**

**Programming and activating wired keyboard with transponder and vocal response**

- Same characteristics of LCD keyboard with integrated transponder sensor and vocal response to knowing on user's request the open inputs and system status

**Wireless LED keyboard NTS18**

**Two-way Radio keypad activation/deactivation 433.92 MHz**

- LED indicators for system status request, failure and memory signaling
- Provides vocal messages on user's request to knowing the system status and the open inputs.
- Equipped with a transponder sensor to activating and deactivating the system.
- Led to facilitate the recognition of functions, areas and active programs
- Functions: ON / OFF, Partial, Panic Function
- Activation / deactivation total or partial of parts
- Works in conjunction with the transmitter NRT16TX/AM



**Transponder reader - NLP500**

**Proximity reader for transponder keys and badges for activation / deactivation**

- Built-in sensor with Magic© slot, with integrated transponder
- Part set in 3 areas
- Activation signaling areas and memory
- Equipped with multi-user function to handle up to 3 independent system



**NRC18TXFM**

**433.92 MHz remote control for activation/deactivation**

Remote control equipped with 4 individually programmable channels (activation/deactivation, panic, robbery, medical aid)





# SYSTEM LINK 8

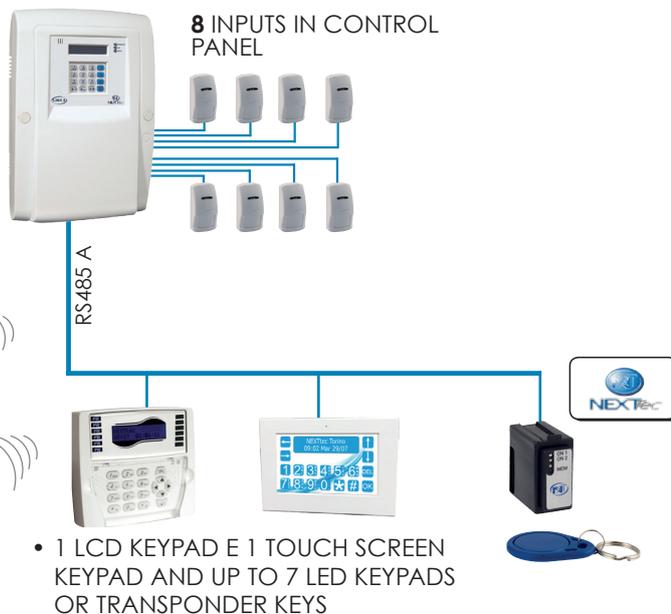
## System expandability

Different solutions available to extend the using versatility of system

### SOLUTION WIRE/WIRELESS (P80 CASE)

- Up to 56 wired sensors/contacts
- Up to 48 radio sensors/contacts
- Part setting in 3 areas + GONG
- 8 wire inputs
- 8 Programmable Outputs

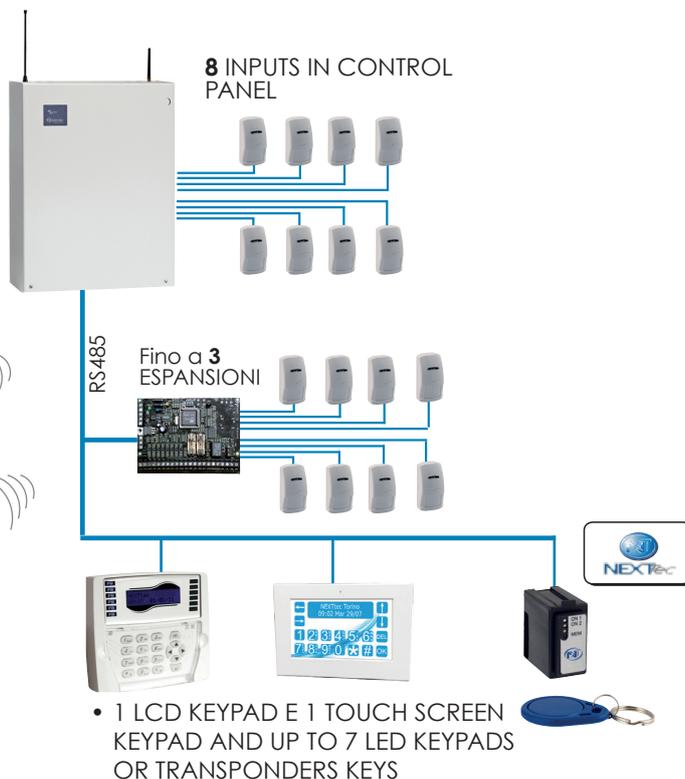
- Up to **48**
- RADIO
- SENSORS/
- CONTACTS
- Up to 16
- REMOTE CONTROL /
- UP to 32 KEY CODES



### SOLUTION WIRE/WIRELESS (L60 CASE)

- Up to 72 wire sensors/contacts
- Up to 48 radio sensors/contacts
- Part setting in 3 areas + GONG
- 8 wire inputs
- 8 Programmable Outputs

- Up to 48
- RADIO
- SENSORS/
- CONTACTS
- Up to 16
- REMOTE CONTROL /
- UP to 32 KEY CODES



## LINK 8 G P80 RX

Hybrid multifunction wireless/wire control panel with integrated GSM 433,92 MHz, managed with transponder control devices and remote managing through GPRS

- **8 wired inputs** expandable to **32** (inputs NC or double balanced, delayed and excluded) with expandable card NES500 (8 input) for wired version
- Multi-user function to handle up to **3 independent systems**
- Manages up to **48 wireless contacts/sensors** (wireless/wire version)
- Excluding inputs through SMS
- **Part set in 3 areas + Gong**
- 1 24h input expandable up to 4
- 1 Emergency key input
- **8 Programmable outputs**, as alarm, remote control, fault, block
- **32 key codes/number codes o transponder** key swith designation
- **16 remote controls (4 channels)**
- Automatic SMS Generation and Sent for every kind of alarm and signal
- Each input sends a sms that signals the alarm sensor localization.
- Vocal Messages Transmission, sending and

- receiving SMS digital communication protocol (Contact ID) managing
- Remote managing by GPRS
- Local and remote programming through proprietary software e-Link and ANDROID and iOS Application for smartphone and tablet
- Auto-protection function against GSM wireless noises: antijamming
- File Historic 500 events
- Activation/deactivation system through SMS, transponder control devices, remote control
- Vocal synthesis Transmission: 15messages x 120 sec
- Applications Management for home automation (example lighting and heating control)
- 16 telephone numbers + 1 test, 1 manager 1 credit
- Periodic Programmable transmission of SMS for presence in life and residual credit
- Power supply : 13.8 Vdc
- Minimum operating: 10.5 Vdc
- Power cycle phone to 13.8 Vdc 400 mA
- Modular Power Supply: 1
- Battery compartment: 12 VDC 7 Ah
- Dimensions: 230 x 330 x 70 mm
- Case: ABS P70



EXPANDABLE INPUTS



PART SETTING



COMMAND AND SMS APPLICATION AND IOS ANDROID



DIGITAL PROTOCOLS



VOCAL MESSAGES



TELEMANAGEMENT GPRS



LOCAL/REMOTE PROGRAMMING



ANTI-JAMMING FUNCTION

CONTROL PAN. MODEL	WIRED SYSTEM	HYBRID WIRED WIRELESS SYSTEM	GSM	PSTN	ANDROID and iOS APPS	EXPANDBLE CARD NES500RX	ABS CASE POWER SUPPLY 1A*	METALLIC CASE POWER SUPPLY 2A**
LINK8 P70	•					•	•	
LINK8 P70 RX		•				•	•	
LINK8 P P70	•			•		•	•	
LINK8 P P70 RX		•		•		•	•	
LINK8 G P70	•		•		•	•	•	
LINK8 G P70 RX		•	•		•	•	•	
LINK8 L60	•					•		•
LINK8 L60 RX		•				•		•
LINK8 P L60	•			•		•		•
LINK8 P L60 RX		•		•		•		•
LINK8 G L60	•		•		•	•		•
LINK8 G L60 RX		•	•		•	•		•

\* ABS P80 case is suitable for a 12V 7 Ah power supply

\*\* Metallic case L60 is suitable for a 12V 18 Ah power supply



P80 case  
230x330x70mm



L60 case  
325x405x85mm



## Expandable card technical features



### NES500

#### Serial Expandable card 8 inputs 5 outputs

- Connected by 485 serial
- 8 inputs balanced and excluded.

Manages fast inputs for blinds.

Technical inputs to control additional power supply

- 5 outputs

### NES500 RX

#### Serial Expandable card 8 inputs 5 outputs with radio receiver

- Same characteristics of NES500 but equipped with wireless receiver
- Manages up to 32 wireless inputs

## Control Devices technical features



### NTS400

#### Programming and activation LCD keyboard

- Equipped with multi-user function to handle up to 3 independent systems
- Connected on RS485 Bus
- Blue backlit display 2 x 16 mm
- Security Flap for keys
- ABS case available in silver, white and anthracite
- Dimensions: 130 x 113 x 30 mm (L x H x D)

### NTS500

#### Programming and activation LCD keyboard activation with transponder sensor, and vocal response

- Same characteristics of NTS400 with integrated sensor transponder and vocal command response on user's request to know the user the status of the open inputs



### NTS18

#### Two-way wireless LED keypad for activation/deactivation, frequency 433.92 MHz

- Works in combination with the transmitter NRT16/TX
- LED indicators for system status request, failure and memory signaling
- Functions: ON / OFF, Partial
- Activation / deactivation of all or part of the areas
- Range: 100 m in free field
- Power supply: 2 lithium batteries 3.6 Vcc not included
- Low battery signalling
- Dimensions: 130 x 113 x 30mm (L x H x D)



# Control Devices technical features

## NTS430/TS

### Programming/activation Wire touch screen pad

Technical menu, to access to programming data and system configuration.

User's menu for total or partial activation system status checking, speed domotic function managing, historic files consultation, system managing

- Display 4.3inch 480x272 16.7 thousand of colors, backlight
- SD Card housing, for graphic maps view
- Multi-user function to handle up to 8 independent system
- Connected on RS485 Bus. USB port.
- Activation/Deactivation and System Status Checking:  
System, Input/output
- Connected on RS485 Bus. USB port.

Domotic application management automation applications as lighting, heating, cooling, irrigation system

- Alloggiamento per SD Card accessibile dall'esterno per la visualizzazione di mappe grafiche
- Colors: white, anthracite, silver
- Dimensions: 135 x90x20 mm (LxHxP)



## NLP500

### Transponder reader for proximity keys for activation/deactivation

- Direct connection of 4-wire serial bus
- Housing Magic©
- Part set in 3 area
- Equipped with multi-user function to handle up to 3 independent system
- Signaling: activation and memory areas
- color: white and anthracite



## NXT

### Activation/Deactivation badge



## NCP10

### Transponder key code

Not copiable One code

## NRC500TX

### Wireless remote control FM 433.92 MHz

- 4 channels programmable individually which associate up to 8 different functions:
- System Activation/deactivation
- Signal Status
- Outputs computing (panic/domotic)
- Inputs simulation (robbery/medical aid)
- Function Door Open/Closed
- Managing external contact
- codeTransmission
- Zones part-setting
- Anti-panic function programming ON/OFF
- Power Supply 12V battery included
- Dimensions: 65x35x12 mm





## Transmitters technical features



### **NCR18TX**

#### **Wireless Universal transmitter FM 433.92 MHz for contacts**

- Range 100m in open field
- 1 programmable input for external contact or roller
- 1 reed contact integrated
- Signal Status
- Double transmission code
- Function Door Open / Closed
- Managing external contact
- code self-learning Transmission to 66 Bit
- Management: life status and low battery
- Power Supply 3.6V LITHIUM battery not included
- Low battery signal
- Auto-Protect: anti-opening and anti-magnetic field
- Colors: white and brown
- Dimensions: 127x37x23 mm (Lx H x D)

### **NCR18/TX/I**

#### **Wireless Universal transmitter FM 433.92 MHz for contacts**

Same NCR18TX features with inertial sensor with sensibility regulation trimmer

## Detectors technical features

**NEW**



### **NIM28T/TX**

#### **Indoor Wireless Double technology Volumetric detector, curtain effect for doors and windows**

- Working Frequency 433.92MHz FM
- Range about 100m in open field
- Maximum 3 m
- Opening angle: 3 °
- Walk test mode operation
- Code 66 Bit
- Low battery signaling and status in life
- Anti - Tampering devices
- Power 7,2 V Lithium battery not included
- Dimension: 130 x 40 x 22 mm

### **NIR180TX**

#### **Wireless Indoor Passive Infrared Detector**

- Working Frequency 433.92 MHz FM
- Range 100 m in free field
- Maximum 12 m
- Open 90 °
- Sensitive Areas 18 on 4 floors
- Power supply: 7,2Vcc Lithium batteries not included
- Dimensions: 65 x 108 x 42 mm





# LINK 4 SYSTEM



**LINK 4, the slim and fast version of LINK 8 System, composed by the new Control panel GSM or PSTN and GSM and PSTN integrated, multifunctional, hybrid wire/ wireless, FM 433.92 MHz, compact and slim, not only in form but also in the installation practical and immediate. Designed to facilitate the installer's work, thanks to an intuitive and easy programming, it's the ideal solution for small and medium size application.**



The control panel has integrated a practical keypad for program management.

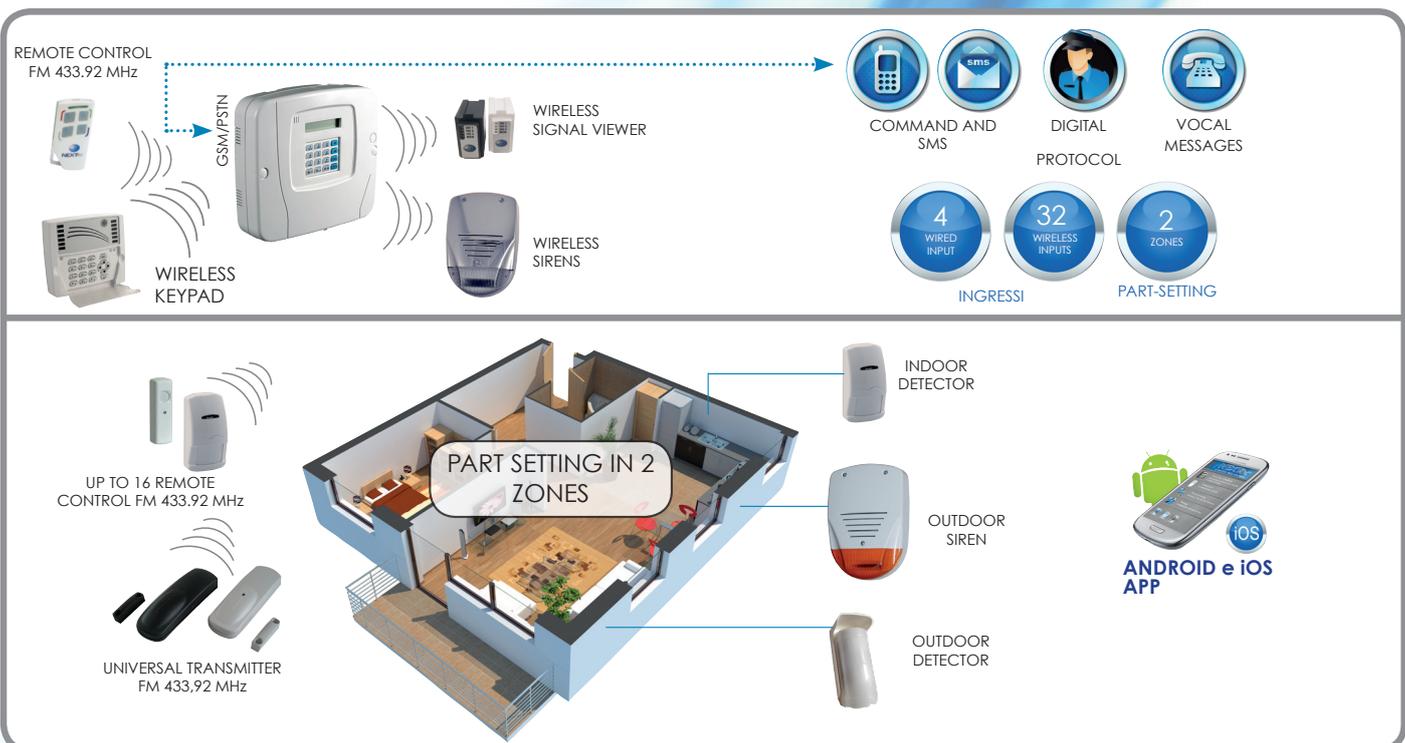
- Activation/Deactivation system through practical SMS or through Android and iOS Application for smart phone and tablet, remote control 4 channel, and two-way wireless keypad. Remote management through sms sending and receiving, to simplify used for installer and user.

Each alarm input is able to send one SMS that identifies the sensor localization clearing The control panel is equipped of a speaker and status viewer (optional) for system activation/deactivation signaling and indicating in order to guarantee more safety on system status

- **Up to 16 remote controls NRC18TX 4 Channels** NRC500TX equipped of 4 buttons, which associate up to 8 independent functions to manage activating and deactivating compute output (panic/domotic) simulate inputs (robbery/medical aid)

## LINK4 G P30 RX and LINK4 GP P30 RX FEATURES

- 4 wired inputs, Up to 32 inputs / wireless contacts, Part setting in 2 zones
- 4 programmable outputs, of wich 1 rele output as alarm, remote controls, fault and block
- Up to 16 remote controls NRC18TX 4 Channels
- Up to 8 key codes from the on board keypad
- Historic file : up to 500 events
- Automatic generation and sending text messages to each type of alarm and signaling
- Vocal synthesis Transmission: 15 messages x 120 sec
- 8 telephone numbers + 1 test, 1 manager 1 credit
- SMS Programmable periodic transmission for life presence and residual credit
- Power supply : 13.8 Vcc
- Minimum operating voltage : 10.5 Vcc
- Power cycle phone to 13.8 Vcc: 400 Ma, Modular Power Supply : 1
- Battery compartment : 12 Vdc 2 Ah
- ABS case reduced : dimension 195X215X63 mm





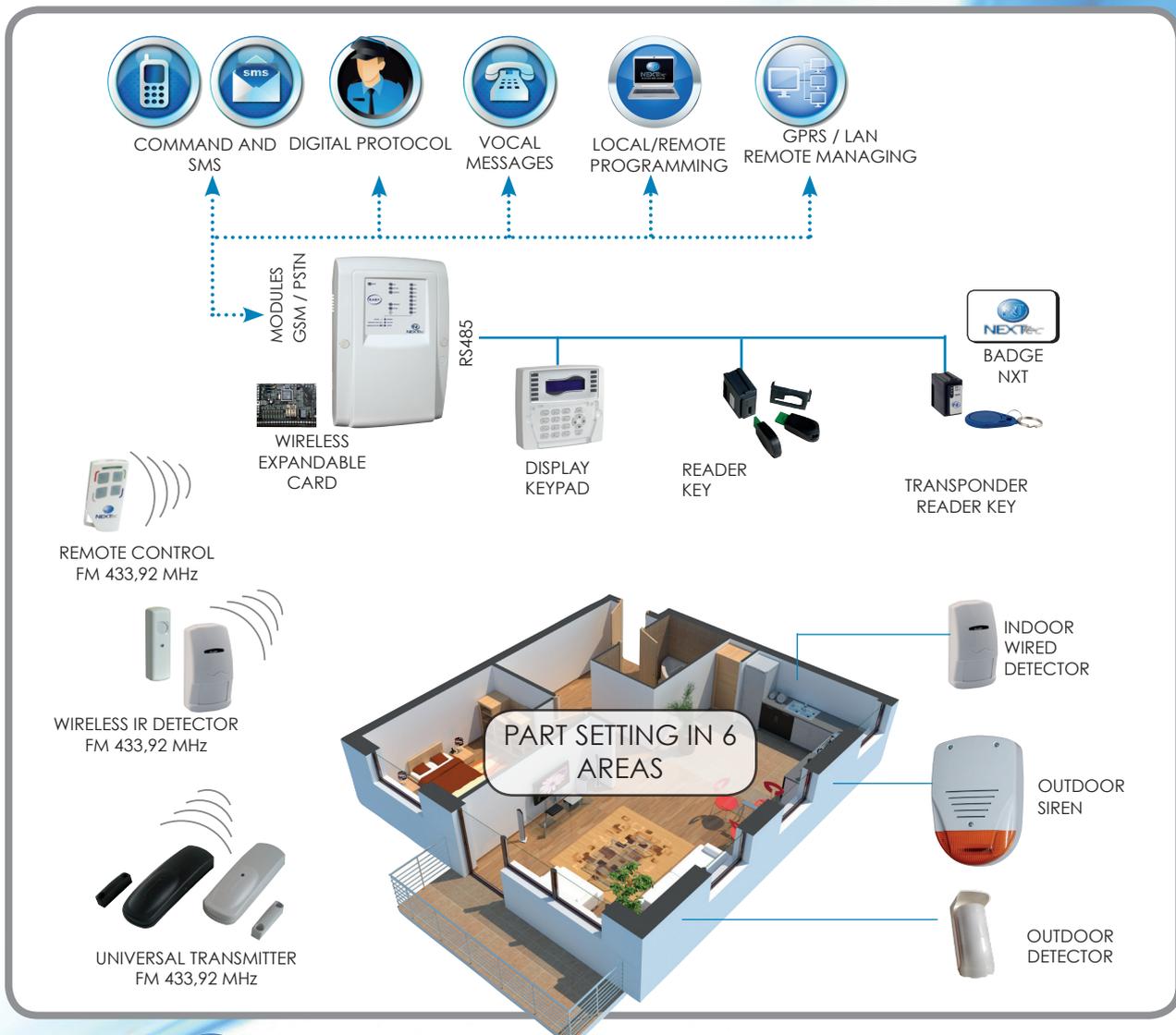
## EASY SYSTEM

The wire system simple and quick to install  
contain in a new form strong and sinuos  
at the same time ables to meet all needs

**Easy system: a simple and intuitive programming in combination with a simple use makes the system sure, of high performance, suitable for any kind of applications. Performance at the top of security and functional versatility, to solve the most varied installation, thanks to the control panel that combines the adaptability of EASY systems, the practical installation of wireless systems, integrating within the appropriate expansion board wire/wireless. It 's the ideal solution for complex applications that require delicate installations, which don't damage the aesthetics of the environment, but at the same time ensuring maximum security.**

**Maximum flexibility of system**

- The control panel is expandable **from 8 up to 88 wired inputs** positive NC and double balanced, **becomes hybrid wired/wireless, using the expandable card NES28RX**, that permits to managing up to **40 wireless inputs** FM 433.92 MHz. The control panel Manages **11 outputs, expandable to 50**, all programmable as: Alarm, Fault, anomaly, Battery Low, network failure, output follows input, Gong and monitor etc ...
- It's possible part setting the system in **6 areas/programs**, more technical and Gong. Manages **64 key codes identifiable**. Programmer daily schedule.
- Through **PSTN modem**, the system is able to transmit vocal messages, digital and "Contact ID" communication protocols. These functions can be managed only integrating the **GSM module** which can also send and receive messages SMS to: Enable/Disable the areas/programs, Include/Exclude inputs and control outputs.
- **Each alarm input sends one SMS that identifies clearly the sensor localization**. The system is remote controllable by digital modem, PSTN and LAN interface NCD20P NCDLAN.
- **Local programming** is done through:  
**PC connected** to the RS485 line with NEXTcom programming software, equipped with a simple and intuitive graphical interface to guide user and to facilitate the used of different functions, in order to make the programming of the whole system quicker due to some few essential passages.
- Backlit keypad NTS21 equipped with a LCD screen, available in an elegant casing with a front window for the keys protection and PC connected on line485
- **Remote programming** is done through: PC connected to a traditional landline via a modem with NEXTCOM programming software. The programming functions management, zone partitioning, arming/disarming is done through the keypad.





## **Reliable Remote management and remote communication**

- GSM / GPRS to manage and control the system remotely through:
  - Proprietary software NextCom for programming system locally and remotely directly from PC
  - Android and iOS Application for phones and tablets for remote management and control system
- The GSM dialer sends alarms in the form of vocal messages, communication Digital protocols for supervision institutions (Contact ID), SMS text messages.
- Remote control by SMS also from the remote control system Control Link
- Automatic management of the following functions:
  - Activation / Deactivation System
  - Check system status (On / Off)
  - Zone part setting
  - Include / Exclude Inputs, Outputs and Zones
  - Activation / deactivation technology functions and customizable applications for home automation (Electrical system management, heating, irrigation system, etc ...).
  - Localization alarm Sensor: Receiving SMS indicating the area where the alarm occurred
  - Query credit Sim Cards remaining
  - Change phone numbers
  - Consultation history file (500 events)



## **The simplicity of SMS management**

- Activation / Deactivation System
- Check system status (On / Off)
- Zones Part setting
- Include / Exclude Inputs, Outputs and Zones
- Activation / deactivation technology functions and customizable applications for home automation (Electrical system management, heating, irrigation system, etc ...).
- Localization alarm Sensor: Receiving SMS indicating the area where the alarm occurred
- Query credit Sim Cards remaining
- Change phone numbers
- Consultation history file (128 events)



## **LCD Keyboard – NTS21**

### **Programming and activating wire keyboard**

- Aesthetic and technological innovation for the new command keyboard, with an intuitive menu highlighted by a brilliant and bright blue display that allows more visibility and definition to functions, made even easier to facilitate and speed up phases of programming and management of the system, both for the installer and for the user. All programs/ areas are displayed individually in order to facilitate the identification of active functions.

### TRANSPONDER Reader - NLP21

Proximity reader for transponder keys for activation/deactivation

- Part set in 3 area
- Signaling: activation and memory areas
- Color: white and anthracite



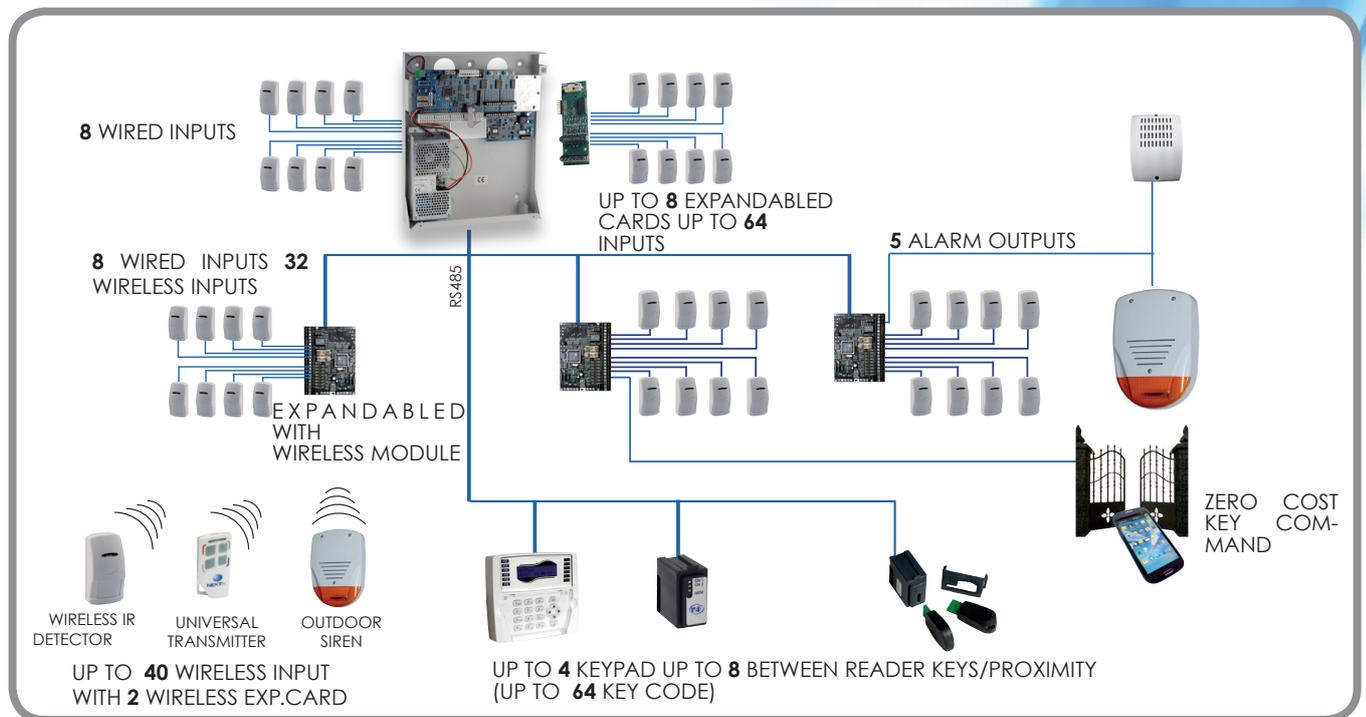
### Key Reader - NLC20

Reader key Ticino Magic© series

- self protection 24h Input
- Connection by RS485 serial
- Available colors: white and anthracite



## System expandability





## Easy versions

EASY P80



8 INPUTS EXPANDABLE TO 72  
 64 KEY CODE  
 1 A POWER SUPPLY  
 12V 7Ah BATTERY

EASY L40



8 INPUTS EXPANDABLE TO 80  
 64 KEY CODE  
 1 A POWER SUPPLY  
 12V 7Ah BATTERY

EASY L60



8 INPUTS EXPANDABLE TO 88  
 64 KEY CODES  
 2 A POWER SUPPLY  
 12V 18Ah BATTERY

EASY L80



8 INPUTS EXPANDABLE TO 88  
 64 KEY CODES  
 3 A POWER SUPPLY  
 12V 24Ah BATTERY

## Control Panel Technical Features

### EASY L60

**Wire alarm control panel expandable with wireless Card and LAN, GSM or PSTN Module**

8 alarm inputs expandable up to 88 by adding 8 serial expansions NES28 and 2 parallel cards NEC20, which permit to increase the number of outputs up to 50.

The control panel manages continuous system monitoring, detecting functional anomalies, alarms and events signaled by the keypad and stored in the history log, able to store up to 128 events with their date and time.

- 8 programmable parallel alarm outputs, positive or balanced (double balanced) NC, delayed or singly excludable, expandable to 50 outputs
- Part setting in 6 independent zones + technical, Gong and ronda
- Each input is marked by an alphanumeric description, programmable for a quick and clear reading.
- One 24h input, 1 fault input, 1 emergency key input.
- 40 wireless devices 433.92 FM on serial bus (through wireless expandable card equipped wireless module)
- 8 programmable alarm outputs, 24h alarm output, a technical alarm output, 3 signaling outputs: mains, low battery, fault.
- Takes over the peripheral devices connected to the serial line RS485.
- Management of the system through the LCD keypads and electronic keys (up to 4 keypads and 8 key readers) connected to the serial line RS485.
- Vocal Messages Transmission, sending and receiving SMS digital communication protocol (Contact ID) managing

- Auto-protection function against GSM wireless noises: antijamming
- Local and remote programming through proprietary software e-Link and ANDROID and iOS Application for smartphone and tablet
- 16 remote control (4 channels)
- SMS Periodic and programmable transmission to check residual credit and alarm life presence
- Telemangement with PSTN modem and LAN
- Activation/deactivation system through SMS, transponder control devices, remote controls
- Vocal synthesis Transmission: 15 messages x 120 sec
- Applications Management for home automation (example lighting and heating control)
- 16 telephone numbers + 1 test, 1 manager 1 credit
- Periodic Programmable transmission of SMS for presence in life and residual credit
- Cyclic battery self-test
- 64 activation codes, one of which is ronda
- Constant self-diagnostic of peripheral devices
- Historic storage with 128 events with hour and date
- Modular power supply 2A
- Battery housing 12 Vdc 18Ah
- Minimum voltage of functioning: 10,5 Vdc
- Telephone cycle absorption at 12Vdc: 110 mA
- Absorption during the alarm at 12 Vdc: 18 Ah
- Absorption during the telephone cycle at 13.8 Vdc: 400mA
- Metallic L60 casing
- Dimensions: 325x405x85 mm



# Expandabled card technical features

## NEC20

### Expansion card 8 parallel inputs

- Connection to control panel card with a quick connector
- Delayed and excludable positive or balanced (double balanced) NC inputs

## NES28

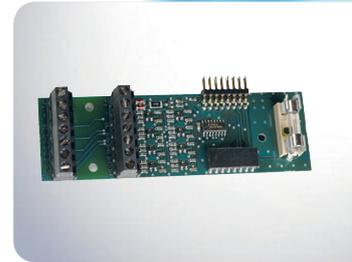
### Serial expansion card

- 8 positive or balanced (double balanced) NC programmable inputs, a 24h inputs
- 3 inputs for an additional power supply control
- 1 relay output
- 5 programmable Open Collector outputs
- Connection to the control panel via serial BUS 485
- Available version in ABS CASE
- Dimensions: 116x86 mm

## NES28RX

### Serial expansion card 32 wireless Inputs + 8 wired

- 32 wireless inputs positive or balanced (double balanced) NC programmable inputs, a 24h input
- Programmable to handle the combination of 32 wireless inputs by dip-switches series of 8 - 16 - 24 - 32. The control panel supports 4 expansions
- 8 wired inputs can be delayed and can be excluded individually
- 5 programmable outputs
- Available in ABS case



# Control Devices technical features

## NTS21

### Wired keypad for programming and arming for Easy control panels

- Connected to the serial BUS RS485
- Backlight screen 2x16mm
- Front window for the keys protection
- ABS casing available in silver, white and anthracite colors
- Dimensions: 130x113x30 mm



## NLP21

### Proximity reader for transponder keys for arming/disarming

- Direct connection with the serial 4-wire BUS
- Magic® housing, white and anthracite
- Part setting in 3 zones
- Reporting on areas activation and memory



## NXT

### Proximity badge

## NCP10

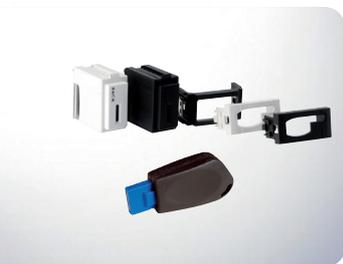
### Coded transponder key

- Unique code





## Control Devices technical features



### **NLC20**

**Reader for the electronic key from the Ticino Magic set**

- 24h self-protection input
- Connection to the serial line RS485
- Magic© housing, white and anthracite
- Part setting in 3 zones
- Reporting on areas activation and memory
- Color available anthracite and white

### **NCP20**

**Additional electronic key**

## Transmitters technical features



### **NCR18TX**

**Wireless Universal transmitter FM 433.92 MHz for contacts**

- Range 100m in open field
- 1 programmable input for external contact or roller
- 1 reed contact integrated
- Signal Status
- Double transmission code
- Function Door Open / Closed
- Managing external contact
- code self-learning Transmission to 66 Bit
- Management: life status and low battery
- Power Supply 3.6V LITHIUM battery not included
- Low battery signal
- Auto-Protect: anti-opening and anti-magnetic field
- Colors: white and brown
- Dimensions: 127x37x23 mm

### **NCR18/TX/I**

**Wireless Universal transmitter FM 433.92 MHz for contacts**

Same NCR18TX features with inertial sensor with sensibility regulation trimmer

# Detectors technical features

## NIM28T/TX

**Indoor Wireless Double technology Volumetric detector, curtain effect for doors and windows**

- Working Frequency 433.92MHz FM
- Range about 100m in open field
- Maximum 3 m
- Opening angle: 3 °
- Walk test mode operation
- Code 66 Bit
- Low battery signaling and status in life
- Anti - Tampering devices
- Power 7,2V Lithium battery not included
- Dimension: 130 x 40 x 22 mm



## NIR180TX

**Wireless Indoor Passive Infrared Detector**

- Working Frequency 433.92 MHz FM
- Range 100 m in free field
- Maximum 12 m
- Open 90 °
- Sensitive Areas 18 on 4 floors
- Power supply: 7,2Vcc Lithium batteries not included
- Dimensions: 65 x 108 x 42 mm

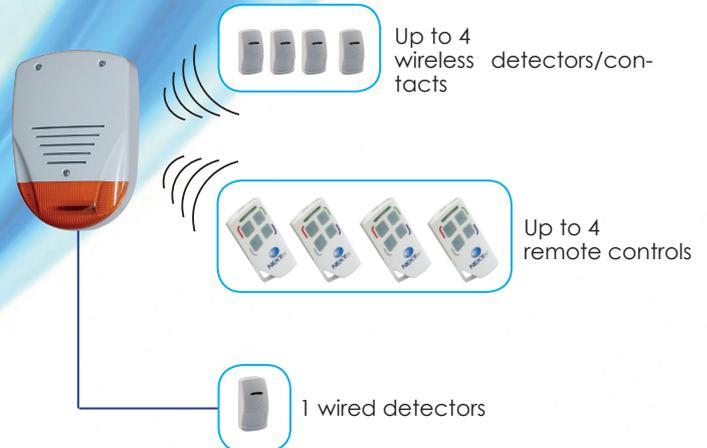


## SYSTEM "SCAFFOLDING/GARAGE" RADIO NCS04RX

### NCS04RX AM

**Wireless Siren with control panel integrated 433.92 MHz**

- Easy installation and simplified programming enclosed in a single product to meet various application requirements (eg, Scaffolding and BOX).
- The wireless siren with integrated control panel provides a facilitated programming through self-learning radio code, which allows you to manage 4 sensors/wireless contacts and 4 remote controls
- Up to 4 sensors/wireless Contacts
- Up to 4 remote controls
- 1 wired input, 1 Input 24h
- 1 relay output for additional alarm
- 1 ON / OFF Output System status
- ABS Case
- Power supply 230 Vac
- Power supply case 2,1an
- Sound power level 105 dB at 3 m
- 1 wireless control included
- Dimensions 210 x 310 x 85 mm





# SIMPLY SYSTEM

The Ideal solution for small residential and commercial building

**SIMPLY** for its performances and versatility, is ideal solution for small residential and commercial building too.

It is distinguished by its easy and intuitive programming for installer, and extremely easy user management. The control panel, designed for a simple and quick system management, recognizes automatically such peripheral devices as keys and keypads, used for programming as well. Besides that, the simplified programming by Dip Switch permits to program the control panel without keypad.

## Technical Features

### SIMPLY P80

#### Wire Control panel System

- 6 inputs, 1 24h input, 1 emergency key input
- 4 outputs + 1 relay output, all programmable
- 3 activation areas + 1 technical program, 1 Gong program
- The control panel divides the system in 3 independent areas: each area can be linked with inputs and outputs
- Each alarm input is marked by an alphanumeric description, programmable for a quick and clear reading by the user
- 128 events history file
- Supports up to 4 keypads and 8 key readers keys

## Control Devices technical features

### NTS21

#### Wired keypad for programming and activating

- Connected to the serial BUS RS485
- Backlight screen 2x16mm
- Front window for the keys protection
- ABS casing available in silver, white and anthracite colors
- Dimensions: 130x113x30 mm
- Available color: anthracite and white

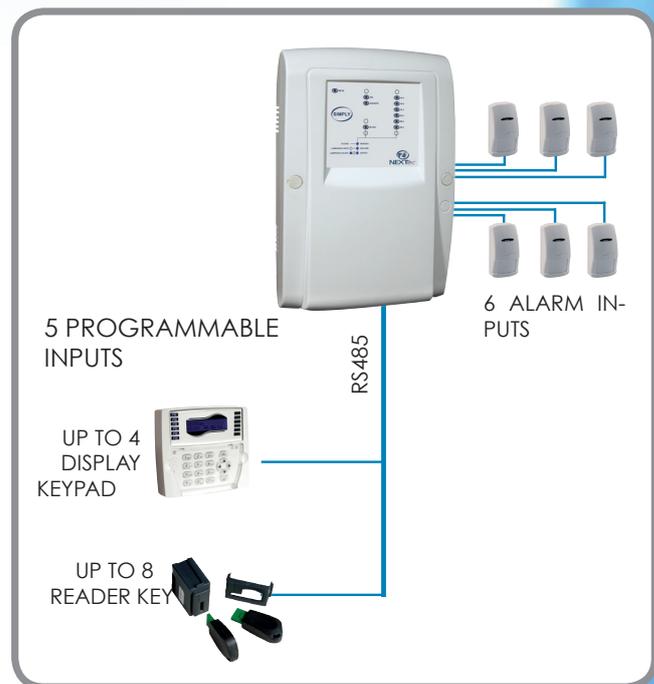
### NLC20

#### Key Reader - NLC20

- Reader for the electronic key (Ticino Magic set)
- 24h self-protection input
- Connection to the serial line RS485
- Magic© housing, white and anthracite
- Part setting in 3 zones
- Reporting on areas activation and memory

### NCP20

#### Additional electronic key



- All functional events, anomalies and alarms are stored with date and hour in the history file, with up to 128 recordered Integrated power supply 1A
- ABS P80 casing
- Available SIMPLY P80S, with the same features and built-in siren more
- Supply voltage: 13,8 V
- Minimum voltage of functioning: 10,5 V
- Standby absorption at 12Vdc: 110 mA
- Absorption during the alarm at 12 V: 100 mA
- Dimensions: 230x330x70 mm





# REMOTE COMMUNICATION

NEXTtec solutions and applications created to make easier remote system programming and management



# LINKJET: ANDROID AND iOS APP

**LINKJET is an application for Android and iOS mobile phones and tablet specifically designed to allow systems remote control management, sending and receiving automatic SMS commands, in an easy and fast way, in order to simplify the use both installer and user.**

- Thanks to the interactivity of software based on two-way communication, it's possible a prompt and secure exchange of commands in a practical way, through intuitive graphical interface with icons.
- The software has a dedicated use, sharing the program for installer and user to monitor the system by issuing the following commands: On/Off and Status Check: Plant, inputs, outputs and zones, file archiving historical events
- Technological functions and applications for home automation:
  - Management of Electrical and heating, opening gates, irrigation system
  - Changing phone numbers
  - Checking the remaining credit
  - Due Date Sim Card
- LINKJET manages an unlimited number of remote system associating a name for each ID: Home System, sea home System, office, etc ..



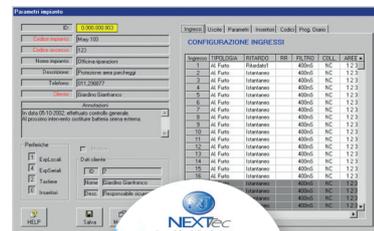
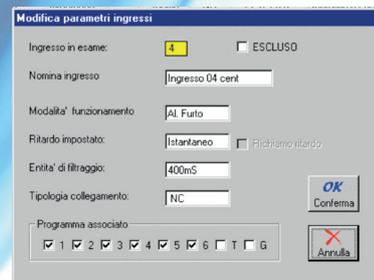
# SOFTWARE NEXTcom

## Programming Kit for Easy control panels with RS485 interface

NEXTCOM is a programming software for Easy control panels, designed as a reliable aid for the installer to be used during the programming process. It is equipped with a simple and intuitive interface to guide the user and to facilitate used of different functions, in order to make the programming of the whole system quicker due to some few essential passages. Another added value is given by the combination with the interface NCDLAN: through the connection to LAN, the control panel can be remotely managed, allowing to supervise the activity of the alarm system, from anywhere in the world. In addition, the two-way communication makes Easy system even more interactive and reliable.

### FUNCTIONS:

- 1.Connection by:
  - USB RS 485 cable for local programming
  - MODEM for remote programming
- 2.The software creates a continuous connection with control panel for live monitoring of the system status, displaying in a clear and precise way on screen:
  - Connected peripheral devices
  - Inputs status (open/closed, in alarm)
  - Zone status (armed/disarmed)
  - Anomalies status (low battery, network failure, fault, etc..)
- 3.Storage Database
  - Clients and installation Register, History memory
  - Clear Data Program Uploading and downloading
  - Simplify using through Toolbar
- 4.Upload and download of all required data for a complete and sure programming
- 5.A simplified used through the toolbar





## NCD20P

### Digital card PSTN dialer with built-in modem

- The dialer card with digital PSTN modem, allows communication with Easy Control Panels to manage remotely and verify the correct system operation and acting in case of a fault or alarm in real time.
- The control panel, which is connected to modem by a simple connector, transmitting digital communication protocols and Contact ID and owner digital remote management protocol NextCom.
- Upload and download Function of all data necessary to programming in a simple and complete way
- Adding the card NSS20 it's possible send up to 12 voice messages 120 seconds recording you can transmit vocal messages to user to signal the system status in action: alarm, tamper, fault, low battery etc. ...
- Up to 8 programmable telephone numbers between users and surveillance institutions
- It's available with the synthesis card code NSS20



## NCD20G

### GSM dialer card with integrated vocal synthesis, SMS

The GSM dialer card allows to EASY control panel the remote management optimizing of system, making it more performance through:

- Vocal Synthesis card
- events produced by Control panel
- Sending SMS that accurately identifies each alarm input and all events generated by the control panel
- Receiving SMS to include, exclude query inputs
- Receiving SMS to activate / deactivate zones
- Transmission Contact ID messages on GSM vocal channel
- Vocal messages on GSM card through the integrated vocal synthesis
- Calling Line Identification
- Checking residual credit card



## NCD20LAN

### 485/LAN interface allows connection between LAN and EASY control panel managed through software NextCom

- Connecting to LAN, the control panel can be controlled remotely allowing to supervise the activity of alarm system from anywhere in the world. Two-way communication give to system even more interactive and reliable

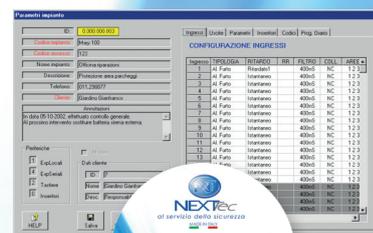
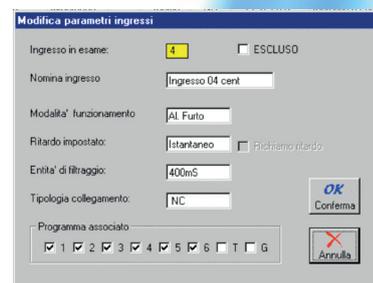


# SOFTWARE e-LINK

## Programming software for LINK 8, and SUPERLINK Systems

**e-LINK SOFTWARE** interacts directly with the installer, through easy and intuitive way made with essential programming steps, thanks to graphical interfaces that have navigation bars designed with simple icons.

- The software is able to create, through scenarios graphics, rooms where it will be protected where is possible associate the systems devices.
- Management of technology functions and home automation applications (management of electrical, heating, cooling, irrigation)
- With ordered database for the management of equipment, customers data storage, historical events and downloading by USB.
- The software is permanently connected to control panel to monitor the state plant in real time, showing clearly and accurately on the monitor page:
  - The connected devices
  - Input status (open / closed and on alarm)
  - Zone status (active / inactive)
  - The status of faults (low battery, power failure, fault, etc. ...)
- Function upload and download all files need to programming without doubts.
- Very simple operation with toolbar





# PSTN TELEPHONE DIALERS



PSTN telephone dialer with display and keypad for easy programming and managing in a few simple steps, takes advantage of the land line, to report alarms in action to users and vigilance institutions through:

- Vocal messages recorded and customized according to the signal you want send to chosen telephones, both landline and mobile
- Communication protocols and digital Scantronic Contact ID to interact directly with the central alarm and vigilance, indicating clear events in progress and the alarm zones.

The telephone dialer is able to manage:

- 5 inputs e delayed + 1 service delayed input to reporting
- Low battery
- 2 remote controlled outputs for remote control by DTMF for activation / deactivation technological commands
- 12 recorded vocal messages up to 120 total transmission seconds
- 16 telephone numbers + 1 test
- Free association of dedicated functions for the inputs to phone numbers
- Questioning with DTMF tones of phonic alarm memory

## **NCT35P P30** **PSTN telephone dialer**

Audio transmission 120 seconds, 12 pre-recorded messages

- Digital transmission Scantronic and Contact ID
- 5 delayed alarm inputs
- 1 delayed service input
- 2 remote-controlled outputs
- Telephone numbers 16+1
- Keypad with display 2x16
- Accommodation 12 Vdc battery 2Ah
- ABS P30 case
- Dimensions: 195 x 215 x 63 mm

## **NCT35GA P30** **GSM telephone dialer**

- Same features of NCT35G P30 model with modular power supply 12 VDC 0.8A



2 OUTPUT FOR TECHNOLOGICAL



PHONIC TRANSMISSION



DIGITAL TRANSMISSION



# GSM TELEPHONE DIALERS

The GSM telephone dialer with display and keypad for easy programming and managing in a few simple steps, exploits the mobile phone network using an industrial module to reporting alarms in progress to users and vigilance institutions through:

- Vocal messages recorded and customized according to the signal you want send to chosen telephones, both landline and mobile
- SMS text messages sent and set in a clear and accurate way to reporting alarm inputs.
- Communication protocols and digital Scantronic Contact ID to interact directly with the control panel and vigilance, indicating clear event in progress and the alarm zones.

The telephone dialer is able to send and receive SMS to:

- Question, exclude and include inputs and outputs
- Request telephonic credit remaining
- Planning and change phone numbers and sequences
- Change the date and time and update due date Sim Phone
- Periodic transmission programmable to indicate the life system presence and the remaining telephone credit

## FUNCTIONS

- Automatic SMS managing about response execution notification of commands received
- Zero cost Command key: output activation by telephone ring for gate opening

## ANTI-JAMMING FUNCTION

Designed to make harmless devices for radio noise generators used to blind the GSM signal

## NCT35G P30

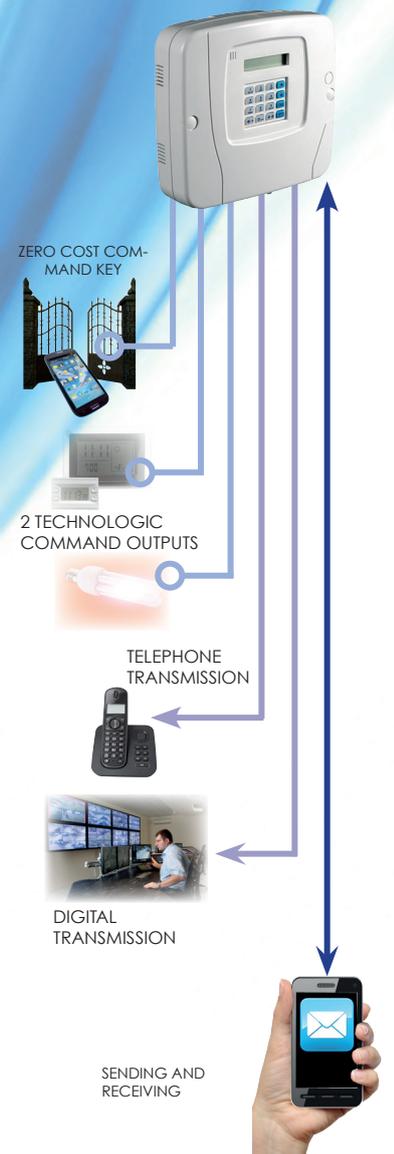
### GSM telephone dialer

- 5 inputs delayed + 1 service delayed input to reporting low battery
- 2 remote controlled outputs for remote control by DTMF for activation/deactivation technological commands
- 12 recorded vocal messages up to 120 total transmission seconds
- 16 telephone numbers + 1 test
- Free association of dedicated functions for the inputs to phone numbers
- Questioning with DTMF tones of phonic alarm memory
- Keypad - Display 2x16
- Accommodation 12 Vdc battery 2Ah
- ABS case
- Dimensions: 195 x 215 x 63 mm

## NCT35GA P30

### GSM telephone dialer

- Same features of NCT35G P30 model with modular power supply 12 VDC 0.8A





# TELEPHONE DIALERS NCT25, NCT26



## SIMPLE PROGRAMMING AND MANAGEMENT FUNCTION

A multi-function GSM and PSTN telephone communicator, placed in a practical control keypad. Designed to make programming functions and system management easier and quicker for both installer and user through an intuitive navigation menu, highlighted by a bright and luminous blue display, ensuring in this way maximum visibility and definition.

## AVAILABLE VERSIONS

- NCT26G – NCT25P: a single version with GSM or PSTN
- NCT26GL: version with GSM and PSTN integrated to guarantee maximum and global safety to the system in case of tampering of one or two telephone systems, with antijammer loop to ensure greater and global security to the system in case of blinding of the radio signal.

## PERFORMANCES

Besides sending vocal messages and "Contact ID" digital communication protocols to the supervisory institutions, the telephone communicator sends alarm SMS as well. Interacting directly with the communicator, it is possible receive and execute commands through simple SMS or traditional DTMF tones.

The communicator notifies of the system status (active/inactive) through a voice message in order to guide or assure the user while controlling the system



## ANTI-JAMMING FUNCTIONS

Designed to make harmless radio noise devices that blinding the GSM signal. The Antijammer software preserves the correct alarm system working. Available only for GSM Telephone dialers

## FUNCTIONS CONTROLLED BY SMS

- Automatic control of report and confirmation SMS messages of executed commands
- System status report
- Requesting, inputs/outputs excluding/including
- Periodical programmable transmission of the live system status and remaining credit
- Requesting remaining telephone credit
- Programming and changing telephone numbers and sequence
- Changing date and time, updating the SIM card validity
- Zero cost command key: output activation through a telephone ring for automatic gate opening

## INPUTS

- 4 delayed alarm inputs, 1 positive NC, 1 24h input, 1 block input
- 2 technical alarm inputs for the battery and net control

For each input can be programmed:

- Alphanumeric description – To each input can be assigned a 16-character alphanumeric description, necessary for the input activity identification and for writing SMS messages, sent by the communicator in case of alarm.
- Specialization – each input can be specialized, by assigning it to the functions, which control and report the alarm activity status

Functions assigned to the inputs

- Delayed input – two time intervals are available: 1 – 60 seconds or 5 – 90 minutes
- Blockinput function On/Off – "System is armed" – transmitted at the opening, "System is disarmed" – transmitted at the closing. The input can be dependent



# TELEPHONE DIALER NCT25, NCT26

or independent of the block input.

- Transmission of disable input function – For each input can be set up the transmission of able/disable input function. This function is available only for the transmission of digital protocols and SMS messages.
- Auto reset function – This function is useful only for delayed inputs. If the alarm input gets closed before the delay time has expired, the alarm transmission gets canceled (useful for technical control inputs).



## TELEPHONE NUMBERS

The control panel rubric allows storage of 16 telephone numbers, which can be combined with the alarm inputs. 24 characters are available for programming each number. Other 3 service numbers can be stored: "Test Number", "Provider Number", "Credit Number", which allows users to check the system functioning and/or remaining credit (for the prepaid SIM cards). The "Test Number" allows a via voice test call. The "Provider Number" allows a telephone call with a request of your SIM card remaining credit. It can also be checked by sending an SMS with the "N° credit" function. While compiling the numbers, you can use a set of characters, which assign the number to some special functions:

- Increase the number of call attempts
- Increase the number of repeated alarm messages
- Assign the number for digital protocols transmission
- Enable the number for the key function
- Enable the number for periodical transmission of live status SMS
- Enable the call number for the cycle alarm block
- Eco credit function: the system live status monitoring function can be amplified with available remaining credit message

## OUTPUTS

The telephone dialer is equipped with 2 programmable outputs:

- Fault output
- Alarm output

Besides that, the outputs are remote controlled and programmed On/Off or memory. 16 characters are available for the description of each remote controlled output identification, which is used at the transmission of the SMS messages regarding the input.

For the remote controlled inputs, you can program the initial stand-by status. It is possible to control the outputs remotely through telephone rings or SMS messages. In this case you get a reply SMS, which confirms the requested commutation.

## NCT26G / L

### GSM dialer with anti-jamming function

- Transmission of voice 120", 12 synthesis vocal messages
- Digital transmission Scantronic and Contact ID
- 4 alarm inputs can be delayed, 1 service input delayed
- 2 remote controlled output
- Telephone numbers 16 +1
- Keypad with Display 2x16
- ABS case
- Dimensions: 130 x 113 x 30 mm

## NCT26G GSM

### GSM Telephone dialer

- GSM version

## NCT25P

### PSTN telephone dialer

- PSTN Version

Active Zone



ZERO COST COMMAND KEY



2 TECHNOLOGIC COMMAND OUTPUTS



TELEPHONE TRANSMISSION



DIGITAL TRANSMISSION

SENDING AND RECEIVING





# WIRELESS DEVICES

Devices and solutions for wireless systems



# NRX32FM WIRELESS INTERFACE

## NRX32FM

**Universal radio interface self-learning storing up to 32 wireless sensors divided into 8 radio zones**

- Each radio zone manages an output with free exchange relay.
- Each sensor is identified in all of its parameters, with the ability to report the state of open / close door, low battery and tampering
- Manages 8 remote controls (ON / OFF - PANIC)
- Frequency: 433.92 MHz FM
- Range: 100m free field
- 8 channel radio for remote controls
- 8 programmable open collector outputs
- Open collector output 1 general alarm
- 1 solid state relay output, impulsive remote control
- 1 open collector output panic
- 1 open collector output failure
- 1 input for activation
- Power supply: 12Vdc
- Dimensions 140x90x38mm



# LINKEY / LINK BRIDGE

## LINK-KEY: Universal bidirectional control system 868 MHz

The command device stand-alone LINK-KEY manages in total safety all types of control panel and can be used in all situations that require simple installation and security implementation.

The LINK-KEY card, equipped with 4 independent outputs of implementation, is managed by a remote control NCR18TX with 4 channels.

The card can be interfaced with any type of control panel, can be managed by 32 wireless / users.

LINK-KEY allows you to enable, disable, and check in an instant the the command result, in absolute security.

## LINK-BRIDGE: Universal and two-way Radio Bridge 868MHz

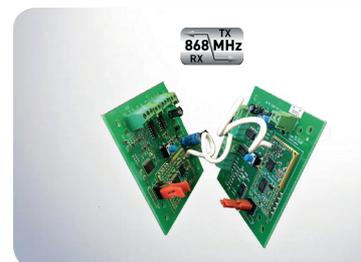
LINK-Bridge is a wireless bridge, one in his category composed by two bidirectional specular radios modules with 4 master inputs and 4 slave outputs.

The LINK-BRIDGE modules are able to monitor their inputs and transfer by wireless commands their status to twine unit, which will implement the functional states received switching relays output. The commands exchange and implementations between the two units is mutual. The inputs master command the corresponding slave outputs unit with fast response times.

The easy installation, combined with the implementation of security guaranteed by the talk between the two elements are the real strengths of a unique product of its kind.

LINK-BRIDGE allows you to connect to each other by a radio vector difficult place to reach with a traditional wired.

The reliability and versatility of the radio LINK BRIDGE, permit to realize control solutions and on-site supervision in all areas of application security, automation and domotic as well.





# OUTDOOR INDOOR SIRENS

A complete range of sirens to satisfy all installation needs



# OUTDOOR SIRENS

## NSE23E

Outdoor self-powered siren in ABS casing, available in white and grey colors

- Acoustic power 105dB 3 m
- Self-protection
- Bottom and casing in ABS
- Internal protection in sheet metal
- Flash: high efficiency LED
- Positive and negative block inputs NC/NO
- Alarm counter
- Programmable siren timer: 3 or 9 min
- Customized sound
- Nominal supply voltage: 13,8 V
- Anti-tamper protection: 50 mA – 12 V
- Consumption in stand-by: 25 mA at 12 V
- Consumption during the alarm: 1,9 A at 12 V
- Allocable accumulator: 12V 2.1 Ah
- Operating temperature: -25°C to +55°C
- Casing protection level: IP34
- Dimensions: 210x310x85 mm
- Weight: 1,9 kg



## NSE23

Outdoor self-powered siren in ABS casing, available in white and grey colors

With metal sheet cap

- Same characteristics but with protective total metal sheet cap



## NSE23A

Outdoor self-powered siren in ABS casing, available in white and grey colors

- Same characteristics of NSE23 model with anti-approach protection, dedicated alarm relay

## NSE23S

Outdoor self-powered siren in ABS casing, available in white and grey colors

- The same as NSE23 model with antifoam detector

## NSE23AS

Outdoor self-powered siren in ABS casing, available in white and grey colors

- The same as the NSE22 model with anti-approach protection, dedicated alarm relay and antifoam detector

## NSE23/X

Outdoor self-powered siren in ABS casing chromed

- The same as the NSE22 model with chrome cover





# OUTDOOR SIRENS



## NSE20E

### Outdoor self-powered siren in ABS casing

- Acoustic power 105dB 3 m
- Self-protection
- Bottom and casing in ABS
- Internal protection in sheet metal
- Flash: high efficiency LED
- Positive and negative block inputs NC/NO
- Alarm counter
- Programmable siren timer: 3 or 9 min
- Customized sound
- Nominal supply voltage: 13,8 V
- Anti-tamper protection: 50 mA – 12 V
- Consumption in stand-by: 4.2 mA at 12 V
- Consumption during the alarm: 2.1 A at 12 V
- Allocable accumulator: 12V 2.1 Ah
- Operating temperature: -25°C to +55°C
- Casing protection level: IP34
- Dimensions: 210x255x70 mm
- Weight: 1,4 kg

## NSE20

### Outdoor self-powered siren in ABS casing with antifoam grid

## NSE20A

Same characteristics of NSE20 model with anti-approach protection, dedicated alarm relay

## NSE26

### Outdoor self-powered siren in metallic casing

- Acoustic power 105dB 3 m
- Self-protection
- ABS Bottom and metallic casing
- Internal protection in sheet metal
- Flash: high efficiency LED
- Positive and negative block inputs NC/NO
- Alarm counter
- Programmable siren timer: 3 or 9 min
- Customized sound
- Nominal supply voltage: 13,8 V
- Anti-tamper protection: 50 mA – 12 V
- Consumption in stand-by: 4.2 mA at 12 V
- Consumption during the alarm: 2.1 A at 12 V
- Allocable accumulator: 12V 2.1 Ah
- Operating temperature: -25°C to +55°C
- Casing protection level: IP34
- Dimensions: 210x255x70 mm
- Weight: 1,4 kg

## NSE26A

Same characteristics of NSE26 model with anti-approach protection, dedicated alarm relay



# OUTDOOR SIRENS

## NSE28

### Outdoor self-powered siren in inox steel casing

- Acoustic power 105dB 3 m
- Self-protection
- ABS Bottom and inox steel casing
- Internal protection in sheet metal
- Flash: high efficiency LED
- Positive and negative block inputs NC/NO
- Alarm counter
- Programmable siren timer: 3 or 9 min
- Customized sound
- Nominal supply voltage: 13,8 V
- Anti-tamper protection: 50 mA – 12 V
- Consumption in stand-by: 4.2 mA at 12 V
- Consumption during the alarm: 2.1 A at 12 V
- Allocable accumulator: 12V 2.1 Ah
- Operating temperature: -25°C to +55°C



## Wireless universal outdoor siren

### NSE22RX/AM

#### Wireless universal outdoor siren 433,92 MHz

- Self-powered, self-protection
- Bottom and casing in ABS
- Antifoam grid, LED flash
- Power supply: 230V
- Acoustic power 105dB 3 m
- Dimensions: 210x310x85 mm
- Works in combination with NRT16TX transmitter



### NSE22/RX/AM/X

#### Wireless universal outdoor siren 433,92 MHz

- The same as the NSE22RX model with chromed cover



### NSE22RX/FM

#### Wireless universal outdoor siren 433,92 MHz FM

- Self-powered, self-protection
- Bottom and casing in ABS
- Antifoam grid, LED flash
- Power supply: 7,2V -13Ah Lithium battery
- Acoustic power 105dB 3 m
- Dimensions: 210x310x85 mm
- Works in combination with NRT16TX transmitter



### NSE22/RX/FM/X

#### Sirena per esterno radio universale 433,92 MHz FM

- The same as the NSE22RX model with chromed cover





# INDOOR SIRENS



## NSI15

### Indoor piezoelectric siren in ABS casing

- Acoustic power 115 dB 1m
- Bottom and casing in ABS
- Positive and negative block terminals
- Nominal supply voltage: 12 V
- Consumption during the alarm: 360 mA at 12 V
- Operating temperature: -25°C to +55°C
- Casing protection level: IP34
- Dimensions: 100x140x40 mm



## NSI25

### Indoor magnetodynamic siren in ABS casing

- Acoustic power 115 dB 1m
- Dual alarm control for Monitor and Siren functions
- Bottom and casing in sheet metal
- Self-protection
- Nominal supply voltage: 12 V
- Consumption during the alarm: 360 mA at 12 V
- Allocable accumulator: 12V 2.1 Ah
- Operating temperature: -25°C to +55°C
- Casing protection level: IP34
- Dimensions: 100x140x40 mm



## NSI04

### Built-in siren 105 dB

- Positive and negative block terminals
- Consumption 110 mA
- Dimensions: 67x44x39 mm

## Wireless Status Viewer

NEW



## NVS18RX/AM

### Wireless status Viewer

The wireless status viewer 433,92MHz, signals activation/deactivation system and anomaly in progress in order to guarantee to user more safety about system status. The control panel wireless connected to status viewer, transmits status signal that appear on 2 led. It works in combination with the NRT16TX/AM transmitter. Available version with lithium battery or 12 Vdc Power supply



# VOLUMETRIC DETECTORS

A wide detector range for indoor and outdoor



## Rilevatori ad infrarossi filari



### NIR20

#### IR indoor volumetric detector

- Range 15 m, adjustable
- Viewing angle: 90°
- FRESNEL lens with 18 beams on 4 levels
- Installation height: 2,0 – 2,2 m
- IRP dual element
- Impulse counting with 3 different selections
- Automatic temperature compensation
- Operating temperature: -10C° - + 60C°
- Power supply: 12V
- Consumption: 9 mA
- Dimensions: 108x64x46 mm



### NIR04

#### Built-in IR volumetric detector

- Range 8 m, adjustable
- Viewing angle: 90° horizontal, 62° vertical
- Detection zone: 14 on 3 levels
- Operating temperature: -10C° - + 60C°
- Power supply: 12V
- Consumption: 6,5mA
- Occupies 1 Living International module
- Available in series: Living International, VIMAR®

Idea and Plana, AXOLUTE® light, dark

## Wireless indoor double technology, infrared detectors

### NIM28T/TX

#### Indoor Wireless Double technology Volumetric detector, curtain effect for doors and windows

- Working Frequency 433.92MHz FM
- Range about 100m in open field
- Maximum 3 m
- Opening angle: 3 °
- Walk test mode operation
- Code 66 Bit
- Low battery signaling and status in life
- Anti - Tampering devices
- Power 7,2 V Lithium battery not included
- Dimension: 130 x 40 x 22 mm

NEW



### NIR180TX

#### Wireless Indoor Passive Infrared Detector

- Working Frequency 433.92 MHz FM
- Range 100 m in free field
- Maximum 12 m
- Open 90 °
- Sensitive Areas 18 on 4 floors
- Power supply: 7,2 Vcc Lithium batteries not included
- Dimensions: 65 x 108 x 42 mm





## Dual technology wire detectors

### NIM20

#### Dual technology detector. Passive IR and Microwave planar

- Range 15 m, adjustable
- Viewing angle: 90°
- FRESNEL lens with 18 beams on 4 levels
- Installation height: 2,0 – 2,2 m
- Wall and corner mounted
- Microwave frequency: 10.525 GHz
- Block input
- Alarm memory function
- OR/AND functional mode
- Operating temperature: -10C° - + 50C°
- Power supply: 12V
- Consumption: 9 mA at 12V
- Dimensions: 108 x 65 x 42 mm



### NIM25

#### Dual technology detector. Passive IR and Microwave planar Antimask

- Range 15 m, adjustable
- Viewing angle: 90°
- FRESNEL lens with 18 beams on 4 levels
- Installation height: 2 – 3 m
- Wall and corner mounted
- Microwave frequency: 10.525 GHz
- Block input
- Alarm memory function
- OR/AND functional mode
- 2 different detection modes with 2 sensibility levels
- Equipped with "BLIND" mode to prevent troubles with the infrared lens
- Auto set
- Alarm type memory and microwave synchronization
- Operating temperature: -10C° - + 50C°
- Power supply: 12V
- Consumption: 9 mA in stand-by , 400mA before alarm
- Dimensions: 108 x 64 x 46 mm



### NIM50/T

#### Indoor Double technology curtain detector for doors and windows

- Controllable Range up to 4 meters
- Opening angle 140 ° to 15 °
- Curtain Fresnel lens
- Wall or ceiling installation height up to 4 m
- LED display from remote
- Detection sensitivity can be sectioned
- Circuit Anti flicker, Sealed optics impedances at the end of the line(DEAOL) selectable on board 13 values
- IRP Dual Element, Dual Screen
- Anti-interference Technology by white lights
- Automatic compensation for temperature
- Working temperature: -5 ° C ~ +55 ° C
- Power supply: 12 V
- Power consumption: 40 mA Max
- Dimensions: 86.5 x 48 x 32 mm





# OUTDOOR DETECTORS

## Wire infrared sensors



### NIR40

#### Dual beam IR outdoor detector

- Range 12 m
- Viewing angle: 90°
- Installation height: 0,8 – 1,2 m
- 14 adjustable detection zones
- Sensibility and impulse counting setting
- Microwave frequency: 10.525 GHz
- Operating temperature: -20C° - + 50C°
- Consumption up to 28 mA
- Power supply: 14 V
- Dimensions: 60 x 196 x 108 mm
- Available model NIR40 / B with low power consumption, for wireless systems combined with the transmitter NCRT18TX



### NIR80

#### Outdoor dual beam IR barrier dual optical detector

- **Range 2x12 m**
- Viewing angle: 3°
- The casing is a dual IR passive detector, which ensures 12 m range protection for both left and right sides
- Creates a horizontal multilevel barrier
- Installation height: 0,8 – 1,2 m
- 4 adjustable detection zones
- Sensibility and impulse counting setting
- Microwave frequency: 10.525 GHz
- Protection level: IP55
- Operating temperature: -20C° - + 50C°
- Available model NIR80 / B with low power consumption, for wireless systems combined with the transmitter NCRT18TX
- Consumption up to 28 mA
- Power supply: 14 V
- Dimensions: 233 x 55 x 69 mm



### NIRFE50

#### Two IR sensors mounted on Independent heads

- Portata 12 m
- 100 ° of radial opening for each head
- Installation height from 80cm to 2.5m
- Logic Or / And / And Intelligent
- Curtain Effect on both lenses, thanks to two interlocking additional setup caps
- Signal outputs: alarm, tamper, low battery, supervisory
- Buzzer built-in test
- Equipped with tamper protection
- Face shields included
- Protection IP54 outdoor
- Operating Temperature -40 ° C to +70 ° C
- Degree of protection: IP54
- Power supply: 12Vdc
- Dimensions: 190x85x75mm
- Available model NIRVE50 radio version with 9V DC battery not included



# OUTDOOR DETECTORS

## Wire dual technology sensors

### NIM23V/B

#### Indoor/outdoor dual technology curtain detector

- Range 12 m 2 two selectable sensitivity
- Double-masking system - both the infrared lens on that microwave section
- Plastic wrap with mechanical properties designed for Outdoor applications
- Gaskets System to seal casing
- Temperature compensation for optimizing the infrared detection
- Infrared high-efficiency filtration system with white light Immunity part set to small animals
- 3 different brackets to overcome any difficulty installation and make this the most versatile product for outdoor installations
- Adjusting for operation in crossing or approaching
- Degree of protection: IP55
- Operating Temperature: -20 ° C to +50 ° C
- Power supply: 14 V
- Power consumption: 52mA



### NIM88

#### Triple technology outdoor curtain detector with microprocessor

- Range 12 m
- Viewing angle: 110°
- Installation height: 2 – 2,20 m
- Impulse counter, lens with a special optical filter
- White light (10000 Lux) immunity
- Dual channel IR and MW
- Automatic temperature compensation
- Pets immunity < 20 kg
- Microwave frequency: 10,525 GHz
- Operating temperature: -20C° - + 50C°
- Consumption up to 30 mA
- Power supply: 14 V
- Dimensions: 153 x 80 x 58 mm



### NIM24A

#### Quadruple technology detector 2MW + 2IR Antimask

- Equipped with 3 lenses for different coverages:  
Wide angle: Angle view 90°, Range 15m  
Barrier: Angle view 5°, Range 15m  
Long range: Angle view 5°, Range 23m
- Installation height: 1 – 2,7 m
- Dual channel PIR and MW
- Automatic temperature compensation
- Pets immunity < 70 cm, no weight limits
- Operating temperature: -10C° - + 55C°
- Protection level: IP65
- Consumption up to 70 mA
- Power supply: 14 V
- Dimensions: 230 x 121 x 123 mm





# PERIMETRAL BARRIERS

A complete barriers range for perimetral protection



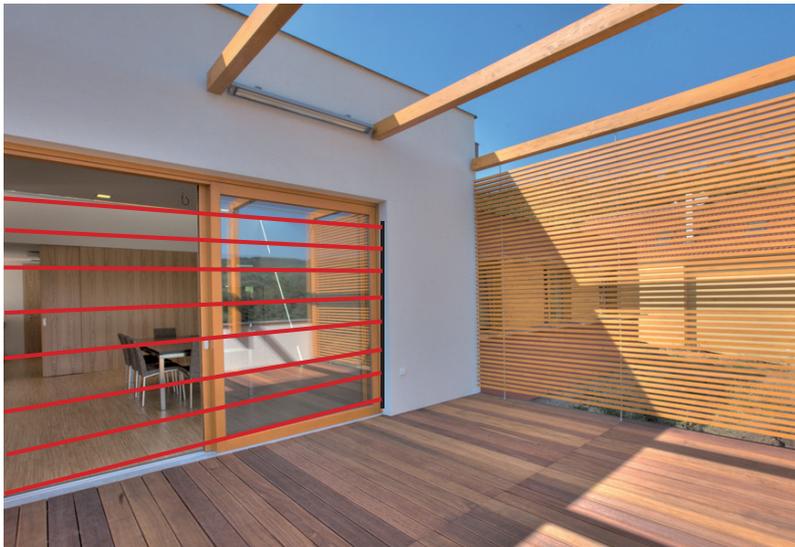
## Door/Window active IR barriers

### SADRIN BARRIER

A miniature barrier, composed by 2 columns, fitted outside the frame to be protected, creates an insuperable IR active beam barrier, which is perfect for your environment protection. It is made of an anti-corrosive anodized aluminum support and completely black and very thin plastic covering. Its structure made it efficient and resistant to bad weather conditions. It is managed by innovative electronics completed with systems for the protection against sunbeams and false alarms.

### WIRELESS WS SADRIN

Optical barrier, self- powered by lithium batteries, 3 years lifespan, optical synchronization, composed of a TX and RX couple, from 2 to 8 beams. Compatible with all wireless systems, interfaced with any alarm control panel through its relay outputs, can manage any wireless transmitter. Low battery and tamper outputs, black and white profile





## Infrared barriers for doors and windows

### SADRIN 205

#### 2 beam IR barrier for outdoor protection

- Indoor range 30 m
- Outdoor range 15 m
- Column height 50 cm
- 2 double beams (2TX+2RX)
- Wired synchronization
- Automatic alignment
- Detection system AND/OR
- Sunlight immunity
- Operating temperature: -10° +65°
- NC relay alarm output
- Anti-removal tamper
- Protection level: IP54
- Power supply 12V
- Consumption 50 mA
- Dimensions: 25x22 mm



### SADRIN 410

#### 4 beam IR barrier for outdoor protection

The same as the SADRIN 205 model with the:

- Column height 1 m
- 4 double beams (4TX+4RX)

### SADRIN 415

#### 4 beam IR barrier for outdoor protection

The same as the SADRIN 205 model with the:

- Column height 1,5 m
- 4 double beams (4TX+4RX)

### SADRIN 620

#### 6 beam IR barrier for outdoor protection

The same as the SADRIN 205 model with:

- Column height 2 m
- 6 double beams (6TX+6RX)
- Consumption 80 mA

### SADRIN 820

#### 8 beam IR self-powered barrier for outdoor protection

The same as the SADRIN 620 model with the:

- 8 double beams (8TX+8RX)
- Indoor range 15 m
- Outdoor range 5 m
- Optical synchronization

### SADRIN WSE

#### Wireless self-powered 4-beam IR barrier for outdoor protection

The same as the SADRIN model with the:

- Column height from 1 to 2 m
- From 4 to 8 double beams
- Indoor range 15 m
- Outdoor range 5 m
- Optical synchronization
- Power supply: 3,6 V with 19Ah battery



## Microwave and Infrared barriers

### MANA BARRIER

A new, long-range dual technology barrier

### MANA BARRIER

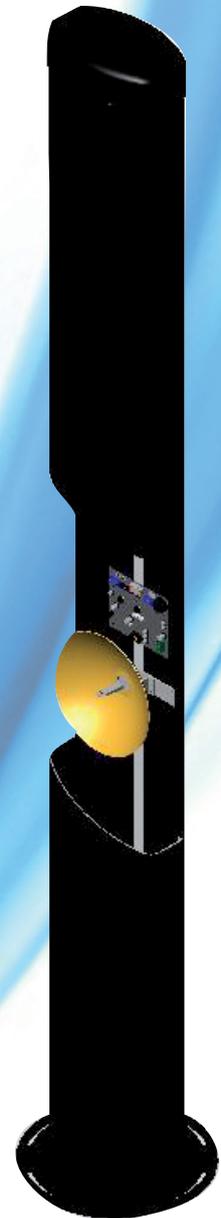
A new long-range (up to 250 m) barrier for outdoor protection, equipped with 2 different systems (MW and IR) fitted in its internal, used together or separately. It's a complete, pre-cabled equipment with 13,8 V power supply output for the cards and battery powering, and 24 V output for the column heaters.

It's available in height from 1 to 3 m, with many accessories for different use and applications for the outdoor perimetral protection. MANA is a new all inside solution, which makes the most complex installations easier.

### LONG-RANGE MW PERIMETRAL BARRIER FOR OUTDOOR PROTECTION

The Mana MW barrier is composed of 2 devices: transmitter and receiver. These 2 elements, positioned face to face, create a protection zone, called LOBO, with changeable dimensions in proportion to the distance, antenna and sensibility. This device uses a parabola of 200mm and works in the 24 Ghz band K, which allows a notable field penetration, it means a long-range capability, but with a restrained diameter lobe. This choice comes to meet the growing need for such systems to be installed within limited spaces.

Mana is a barrier, designed for indoor space, and therefore can adapt to any meteorological conditions. From inside it is made of an aluminum column with changeable height, in which can be fitted a long-range active IR detection system, and even a small camera at your request. The MW column is equipped with a sensibility adjustment system and a delayed detection speed, a test point system, calibration and functionality test system on-board. In this way, no need for any external test equipment. Mana is a bistatic active system, impossible to blind and it has all types of system protection.





## Microwave and Infrared barriers



### MANA IR

#### IR barrier 4/6/8/ beams for outdoor protection

- Range 250 m
- Column height from 1 to 3 m
- Dual optical devices with 50 mm lens
- Automatic deactivation in case of extreme weather events; external system status signaling
- External system status report
- Test point system
- Viewing angle alignment: vertical 20°, horizontal 180°, entire column 360°
- And/or break detection system with 1 – 4 beams
- Anti-scan delayed random detection
- AND remote control of inferior beams
- Exclusion of beam 1, beam 2
- Adjustable response time 50 – 500 ms
- Alarm output: free contacts NC/NO
- 2-wire synchronized impulsive beam photo devices
- Operating frequency input: 950 nm
- Protection level IP 54
- Tamper cover
- Invisible camera fitted in the cover
- Operating temperature -25° +65°
- Power supply 12V
- Consumption: 150 mA
- Internal heater equipped with a thermostat 45W 24 V



### MANA MW

#### MW barrier for outdoor protection

- Maximum range 250 m
- Column height: from 1 to 3 m
- MW frequency: 24 GHz band K
- MW channels modulation: 4 commutable
- Modulation: ON/OFF
- Sensibility setting: continuous
- Delay setting: continuous
- Tracking: through an electronic device on-board
- Outputs: alarm relay and break relay
- Power supply: 220 V from mains, 13,8 V circuit
- Consumption: 200 mA TX, 200 mA RX
- Operating temperature: -25° +65°
- Dimensions: width 25 cm, depth 20 cm

### MANA DT

#### MW barrier + IR for outdoor protection

- 4,6,8 beams
- Column height: from 1 to 3 m
- MW frequency: 24 GHz band K
- MW channels modulation: 4 commutable
- Modulation: ON/OFF
- Sensibility setting: continuous
- Delay setting: continuous
- Tracking: through an electronic device on-board
- Outputs: alarm relay and break relay
- Power supply: 220 V from mains, 13,8 V circuit
- Consumption: 200 mA TX, 200 mA RX
- Operating temperature: -25° +65°
- Dimensions: width 25 cm, depth 20 cm



# PARVIS BARRIERS

## An invisible protection for outdoor used

### PARVIS BARRIER

A complete and invisible security system integrated and camouflaged in the inside of the outdoor lighting system supports. The infrared elements create an invisible wall. Small animals immunity; remote controlled beam exclusion. Internal small cameras allow tracking and recording of what is happening.

### INNOVATIONS:

- A new, dedicated electronics allows monitoring and total perimeter protection against intrusion and vandalism in any weather conditions.
- Endowed with accessories for speakers installation
- The housing is made from special materials, resistant to impacts and any weather event, contains the most sophisticated equipment for the intrusion detection and monitoring.





## Invisible Infrared Barriers



### MES 9120 S

#### 4-beam barrier for outdoor protection

- Indoor range 400 m
- Outdoor range 100m
- Column height form 1,2 m
- 4 beams (2TX+2RX)
- Aluminum internal structure with polycarbonate cover, including upper cap
- Automatic deactivation in case of extreme weather events
- Completely cabled barrier
- Wired synchronized optics
- Viewing angle alignment: vertical 30°, horizontal 180°, entire column 360°
- AND/OR break detection system with 1 – 4 beams
- Anti-scan delayed random detection
- AND remote control of inferior beams
- Exclusion of beam 1, beam 2
- Adjustable response time 50 – 500 ms
- External system status signaling
- Test point system
- Alarm output: free contacts NC/NO
- Operating frequency input: 950 nm
- Protection level IP 54
- Heaters equipped with a thermostat 25W 24 V
- Cover without/with standard lamp coupling suitable for all types of speakers on the market
- Invisible camera fitted in the cover
- Anti-removal tamper
- Operating temperature -25° +65°
- Power supply 12V
- Consumption: 115 mA
- Pipe outside diameter 8 cm

### MES 9160 S

#### 6-beam barrier for outdoor protection

The same as the MES9120 model, with:

- Column height form 1,6 m
- 6 beams (3TX+3RX)
- Consumption: 125 mA
- Thermostat consumption: 35W

### MES 9200 S

#### 8-beam barrier for outdoor protection

The same as the MES9120 model, with:

- Column height form 2 m
- 8 beams (4TX+4RX)
- Consumption: 135 mA
- Thermostat consumption: 45W



# SANDOR BARRIERS

## Infrared barriers

### **SANDOR BARRIER**

This barrier is designed for the outdoor use, as it is resistant and insensible to weathering; equipped with heaters with thermostat to operate in extremely cold weather conditions. Sandor works as a net of interwoven beams. The interconnection between each transmitter and receiver creates a safety and high efficiency detection system, immune to false alarms. Actually, the system has a differentiated detection mode: when a beam is broken, the alarm is delayed, when 2 or more beams are broken, the alarm is immediate. Nice and linear design, easy to camouflage. Miniature, pre-cabled with optical synchronization and easy alignment.

### **SANDOR QUAD**

Specially designed and recommended for large surface and big windows, thanks to high range and the particularity of the crossed beams that form a sort of lattice. Each signal emitted from transmitters is received by all the receivers. The synchronization is optical.

### **SANDOR PLUS**

Completely compatible with PARVIS systems, allows mixed systems and use of SANDORPLUS columns as terminals for the perimeter controls, not closed completely. Equipped with fog deactivation and wired synchronism, can be used for multiple or long-range controls without creating interference with other columns.

Parallel dual beams with a possibility to exclude remotely one or more of them, or AND of one or more of them through terminal board inputs.

### **SANDOR WS**

Dual-optical barrier, self-powered by lithium batteries, 3 years life span, automatic deactivation, optical synchronization, composed of a TX and RX couple, from 2 to 8 beams.

Optical barrier, self- powered by lithium batteries, 3 years lifespan, optical synchronization, composed of a TX and RX couple, from 2 to 8 beams.

Compatible with all wireless systems, interfaced with any alarm control panel through its relay outputs, can manage any wireless transmitter. Low battery and tamper outputs; SANDOR range external profile. Available at your request.





## Infrared Barriers



### **SANDOR PLUS TX+RX**

#### **8-beams synchronized barrier for outdoor use**

- Outdoor range 100 m
- Column height at choice from 1m/1,5m/2m/2,5m/3m
- 8 beams (2 optical)
- Wired synchronization
- Fog deactivation
- Viewing angle alignment: vertical 20°, horizontal 180°
- Dual optical lens in AND
- Break detection system, AND/OR 1-4 beams
- AND remote and casual control
- Excludable anti-blinding system
- Exclusion of beam 1, beam 2
- Excludable LED notification
- Adjustable response time 50 – 500 ms
- Alarm output: free contacts NC/NO
- Protection level IP 54
- Internal heater with a thermostat 45W 24 V
- Wall or post installation accessories
- Anti-removal tamper
- Operating temperature -25° +65°
- Power supply 12V
- Consumption: from 115 to 135 mA for a couple
- Dimension: 60x60 mm

### **SANDOR PLUS 9410TX**

#### **4TX barrier for outdoor protection**

The same as the SANDOR PLUS model, works in combination with SANDOR PLUS 9410RX. Column height 1m

### **SANDOR PLUS 9410RX**

#### **4RX barrier for outdoor protection**

The same as the SANDOR PLUS model, works in combination with SANDOR PLUS 9410TX. Column height 1m

### **SANDOR QUAD TX + RX**

#### **Outdoor barrier synchronized Composed of 16 beams, of which 12 cross-4TX +4 RX**

- Outdoor range up to 100 m
- Height of columns to choose between 1m / 1.5m / 2m / 2.5m / 3m
- N. 8 +8 beams
- Exclusion radius 1/2 radius
- Double beam optics
- synchronization row
- Disqualification from fog
- Vertical alignment angle 20 °, 180 ° horizontal
- Double lens optical AND
- Detection system AND / OR
- Piloting AND random on-board and remote
- Anti-blinding system excludable
- LED Indications excludable
- Response time 250 ms fixed
- Alarm output: free contact NC / NO
- Degree of protection IP54



## SANDOR BARRIERS

- Heaters with thermostat 24 Vac power 30W a 70W for couple
- Accessories for wall or pole mounting
- Tamper
- Operating temperature -25 ° / +65 ° C
- Power supply: 12V DC / Power consumption: 115 to 135 mA torque
- Profile dimensions: 60 x 60 mm

### SANDOR Q 8010S

- As Sandor quad tx+rx
- High column 1 m



## ALFA BARRIERS

### Mono beam infrared Barrier

Mono beam dual lens Barrier with the special feature of being able to be installed and aligned "to MEN ONLY" technology (SMA). Thanks to the high brightness LED (visible at more than 200 meters in daylight) and high acoustic power buzzer, the barrier with the correct alignment to a single operator who sees and hears when the beam is in the best operating condition.

#### ALFA 60

##### Outdoor infrared barrier

- Distance of up to 250m indoor use
- Maximum distance 60m outdoor use
- Dual technology infrared optical synchronized (4 channels)
- Fog Disqualification Function for dedicated output
- 180 ° Angle Horiz. 20 ° Vert.
- Heaters with thermostat (optional)
- Synchronization Optical Channel 4
- Optional heater with thermostat
- Disqualification from fog with open collector output
- Power supply 10-30Vdc
- Absorption torque 10/15Vcc 250mA - 125mA 24/30Vcc
- Tamper output NC contact
- Alarm output NC contact
- Power supply 10 to 30 Vdc
- Operating Temperature -25 ° (with res.) +65 °
- Degree of protection IP 65

#### ALFA 120

##### Outdoor infrared barrier

- The same characteristics of Alfa 60 with:
- Range up to 480m indoor use
- Range up to 120m outdoor use





# DEVICES AND MAGNETIC SENSORS



## NCM10

### Recessed contact for non-ferrous frames

- Alarm, tamper outputs, brass casing
- Approved IMQ 1 level – 10 piece package



## NCM20

### Surface contact for aluminum or wood frames

- Alarm, tamper outputs; white or brown plastic casing, 10 piece package
- connection through terminals



## NCM22

### Surface contact for ferrous frames

- Alarm, tamper outputs; aluminum casing, 2 piece package



## NCM30

### Surface contact for aluminum or wood frames

- Aluminum casing, • Aluminum color, 10 piece package



## NCM12

### Magnetic recessed contact for security door

- Alarm and tamper outputs



## NCM14

### Magnetic contact for overhead door

- Alarm and tamper outputs
- Cable protected with rubber sheath
- Polycarbonate casing, black color



## NSV10

### Surface inertial and vibration sensor

- Plastic white casing, connection through terminals, tampering protection
- Requires circuit analysis, 2 piece package



## NSV12

### Selective vibration and impact detector

- Surface mounting – programmable signal analysis
- Selectable double impulse – alarm relay output
- Available in white and brown colors



## NCF10

### Wired movement detector for shutters

- Rope length 2.8m – plastic casing- suitable for any kind of shutter – requires analysis card NST01



## NST01R

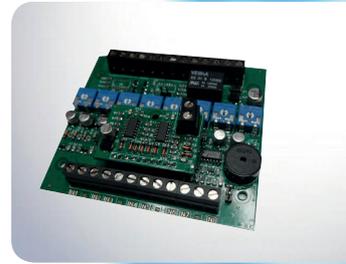
### Analysis card for wired contacts NCF10

Output for sensors line – dry contact alarm relay output

## NST08R

### Quick signal analysis card

- 8 adjustable quick inputs for shutters
- 8 positive open collector outputs
- 1 total relay output
- 1 test buzzer
- Slot for the NST08P card connection
- NST08P plug-in card, 8 weight inputs
- Permits to serialize within the same pair 8 quick contacts to detect them singly
- Possibility to connect sensors or contacts



## POWER PACKS

### NGA1210 P80

#### Power supply group 12V 1A

- Fault output
- Trouble notification for: no mains, low battery, fuse integrity – cyclic battery self-test
- Modular power supply
- Battery housing 12V 7A
- ABS P70 casing
- Dimensions: 230x330x70 mm



### NGA1220 L60

#### Power supply group 12V 2A

- Fault output
- Trouble notification for: no mains, low battery, fuse integrity – cyclic battery self-test
- Modular power supply
- Battery housing 12V 18A
- Sheet metal L60 casing
- Dimensions: 325x405x85 mm



### NGA1224 L60

#### Power supply group 12V 2A + 24VAC

- The same characteristics as the NGA 1220 L60 model
- Suitable for powering IR outdoor batteries
- Transformer 220/24/250 V

### NGA1230 L80

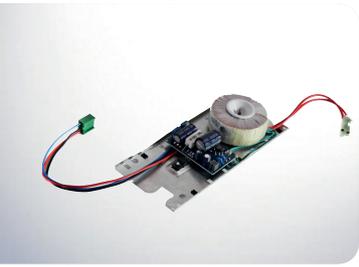
#### Power supply group 12V 3A

- Fault output
- Trouble notification for: no mains, low battery, fuse integrity
- Modular power supply
- Battery housing 12V 27A
- Sheet metal L80 casing
- Dimensions: 490x358x200 mm





# POWER SUPPLIES



## NAD1210

Modular power supply adjustable nominal voltage 12V

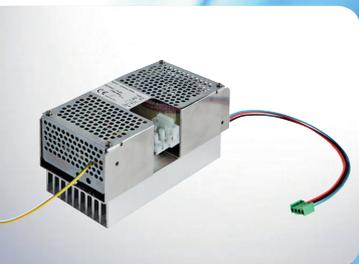
- Power 1A
- Fuses for mains protection



## NAD1220

Modular power supply adjusted nominal voltage 12V

- Power 1A
- Fuses for mains protection



## NAD1230

Modular power supply adjusted nominal voltage 12V

- Power 3.7A
- Fuses for mains protection

1000-2012-0001-1.1 SW

## SELLING TERMS AND CONDITIONS

### Premise

The general selling conditions herein govern all the contracts of sale entered into between the Purchaser and the Seller, except for some specific derogation, stipulated in written and valid for a single contract. By confirming an order, customer accepts totally the selling conditions contained herein. In case the selling conditions provide for an installment payment, seller reserves the right to suspend the execution of the contract until the installment is paid off. Seller reserves the right to change, without notice, technical characteristics of the equipment (esthetical/functional changes) in purpose to improve the quality. The features of this catalogue can change without notice by reason for typographical errors and and/or omissions.

### Prices

Supplier and/or Manufacturer reserves the right to make, without notice, adjustments to pricing in case of the products costs increase for reasons including freight charges change and costs connected with them, fiscal changes, currency exchange rate change or other reasons which give the right to the Supplier to increase proportionally the products prices, even though exists a contractual commitment. The prices do not include freight charge, other accessories, including VAT or any other fiscal burden, even if decreed during the execution of the contract. The customer obligation is to check the validity of the prices.

### Payment

After the product has been contracted, sold and hand-delivered, the payment must be made, unless a written clause is present, at supplier's domicile according to the agreed form and terms. In case of payment delay or irregularity within 8 days after the agreed payment terms expires, customer is declared in default, supplier is exempt from products warranty and reserves the right to: withhold immediately and without any formality the supply of all current orders of this customer, even though they concern other contracts; to issue bill for the amount of the overdue invoices; to demand immediate and total payment of the debt or satisfactory payment guarantees. If the payment is delayed, the customer will be liable for interests.

Possible complaints about products do not give the right to the customer to suspend payments, according to the Article 1462 C.C.

### Termination of contract

If customer is in situation of bills protest, enforcement procedures, courts of bankruptcy in such cases as its legal incapacity, liquidation of company or its modification, irregular payments, supplier reserves the right to terminate contract one-sidedly, by sending a written communication.

### Governing Law

Any dispute between the parties related to this contract shall be settled in the court having jurisdiction at the Supplier's domicile

### Warranties

As regards electronic equipment, unless otherwise noted, a complete 24 month warranty is given for the replacement parts and labor. The warranty decays in case the products are tampered with, repaired by third persons or used not in accordance way, as conditions of use impose. Claimed products can be sent to Seller only after a preliminary agreement in every single case. . As for the products, which at its discretion are defective, the choice of supplier is either to repair or substitute them without taking any responsibility for possible direct or indirect damages suffered by customer. Under the present warranties, shipment of the products to supplier, as well as possible packaging costs or any other additional cost, are at customer's risk and expense.

### Terms of delivery

Terms of delivery stated in contract, are approximate and with no obligation for Supplier and depend on production ability of Supplier and Manufacturer or possible cases of force majeure such as: strike at Supplier, Manufacturer, customs, post offices, transport, couriers etc., government measures, natural disasters etc. In any case, Supplier is not liable for possible direct or indirect damages caused by a delayed delivery. Delivery delay does not give the customer any right to terminate totally or partially the contract. Deliveries can be fractionized.

### Shipping

Delivery of products is FOB origin. Even if delivery is FOB destination, the product transportation is at customer's cost and risk, even in case the carrier is chosen by Supplier. All complaints concerning the products must be sent to Supplier in writing within 8 days after receiving the goods, and in any case within 15 days after sending from the Supplier's deposit. Therefore, Supplier is not liable for possible damages occurred during the transport. Any complaint against the carrier should be made by Customer in his own name and at his expense.

### Disclaimer

By agreeing to the contract, customer confirms to be aware of all the legal restrictions and safety standards regarding the use of ordered products. Therefore, the Supplier is not liable for any direct or indirect damage caused by use of delivered products.

### Subsequent supplies

The general selling conditions herein govern any subsequent supply to the same Customer with no need to mention them again.







# NEXTtec

*al servizio della sicurezza*

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