NICEHOME SYSTEM

INTEGRATED MANAGEMENT OF HOME ALARM
AND AUTOMATION SYSTEMS / CATALOGUE 2013

Nice

NICE HOMESYSTEM CATALOGUE 2013

Nice

FOR VENETIAN BLINDS

FOR BLINDS
AND SHUTTERS

FOR ALARM SYSTEMS

FOR GARAGE DOORS

FOR LIGHTING
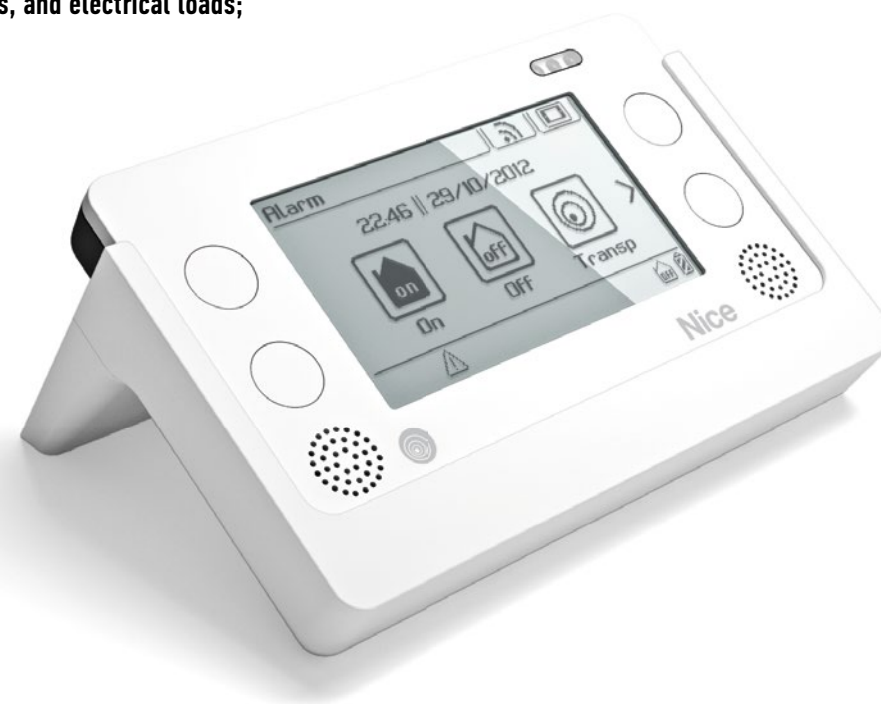SYSTEMS

FOR GATES

ALL IN ONE.
IT'S NICE.

A simple gesture is all you need to make the whole house move.

With Nice you can control and manage home automations for gates, garage doors, barriers, awnings and rolling shutters, alarm and lighting systems, and electrical loads; individual, in groups or scenarios.

Wireless and solar systems make installation of any automation simple and cost effective, both in new constructions and restorations.

Nice is the simplest integration, the finest design, the best control electronics, to provide you the most comprehensive automation system!

Request the catalogues for the automation and management of sun protection **Nice Screen**, for gates and garage doors **Nice Gate&Door** and **FontanaArte** for Indoor and Outdoor lighting systems.

Outdoor lamps
UOVO, Technical Dept., 2011,
RIGA, Paolo Zani, 2008,
courtesy of FontanaArte

FOR ROAD BARRIER SYSTEMS
AND PARKING SYSTEMS

FOR INDUSTRIAL DOORS

ONE NICE SYSTEM.
OR RATHER, MANY.

**Nice offers a wide range systems for the automation of gates and doors
for industrial applications and communities.**

NiceBar System
Systems to control accesses in public and private parking areas, even where traffic is heavy.
Performance, reliability and durability.

Nice Industrial*
Automation systems for industrial applications: sectional and rolling doors,
high speed doors and dock levellers.

NicePark System**
Automatic management systems for off-street car-parks.
Versatile, flexible and complete.
Born fully grown!

* Request the catalog for **Nice Industrial**.
* Request the catalog for **NicePark System**.

WITH NICEHOME SOLUTIONS, YOUR HOME BECOMES PRACTICAL, COMFORTABLE AND SAFE

Prevention is obviously the ideal solution: the NiceHome system includes everything you need to prevent undesired events and to limit their consequences. A house with NiceHome is also a house with so much more comfort.

Numerous functions, always easy to use.
Wanting protection does not mean having to compromise on ease of use and the feeling you have really improved your quality of life. Using NiceHome integrated management is easy and intuitive, just like all products in the great Nice range.

1. LOCAL AND REMOTE MANAGEMENT

Transmitter Touchscreen

Transmitter
8-channels with four programmable keys: automations, lighting, irrigation systems ...

Transmitter
4-channel

Control key-pad,
wall-mounted
or portable

For remote management:
voice and text messages

2. INTEGRATED MANAGEMENT

Control units for mixed, wired and radio-controlled alarm systems, bidirectional, equipped with GSM telephone dialler.
As well as controlling the alarm system, NiceHome control units can also manage automations singly or in groups, assigning to each the required times and operating modes.

Rolling shutters	Lighting systems	Irrigation systems

Miniaturised recessed receivers to manage via radio the commands coming from the system.

3. DETERRENCE AND WARNING

Outdoor alarm sirens
via radio with voice card or via cable, with connection to the dual band control unit and built-in flashing light

Indoor siren
via radio

4. SAFETY AND PROTECTION

INDOOR

Magnetic contact detector, it indicates **warn opening of doors and windows**

Infrared detector with volumetric lens, **it detects any movements in the protected area**

Infrared detector with vertical curtain lens, **to protect doors and windows**

Infrared detector with volumetric lens or dual technology, via radio, **it indicates any movements in the protected area**

OUTDOOR

Dual technology volumetric detector, via radio

ROUND-THE-CLOCK DETECTION 24h

Microphone detector of glass breakage

Fine volatile powder detector

Flood detector sensor

Automation

05/01/2012   05:48

Gates   Blinds   Lighting

SIMPLICITY AND COMFORT: A SINGLE CONTROL FOR ALL THE HOME

Integrated management of alarm and home automation systems
with the new totally wireless portable touchscreen.
Automations can be managed singly or in groups,
scenarios and timed commands.

The HSTS2 bidirectional
touchscreen keypad is
the radio interface to control
the whole NiceHome alarm
system with the new HSCU2
series control units.

**Graphic display,
3.75" with simple
user-friendly
icon menu.**

**Management of 99
individual Nice
automations directly
or associated in groups
or scenarios.**

**Answering machine
for memos.**

**Execution of scenarios
with reception of text
messages from
the alarm control unit.**

**Week programmable
timer.**

**Built-in vocal guide
and microphone
to record personalised
warnings.**

**Built-in transponder
key reader to activate
or deactivate the alarm
system by simple
proximity.**

CONTROL OF THE HOME BY A SIMPLE CLICK: ALARM SYSTEMS AND INTEGRATED MANAGEMENT OF HOME AUTOMATIONS, TOGETHER.

ALARM-PROTECTED ZONE

Professional alarm system and simplified management of home automations. Just a click away!
NiceHome is the latest result in thirty years experience in the sector of professional wireless alarm systems of all companies in the Nice Group. NiceHome offers targeted solutions for the specific market with the ability to control Nice automation systems, lighting and irrigation systems, and all electrical loads.
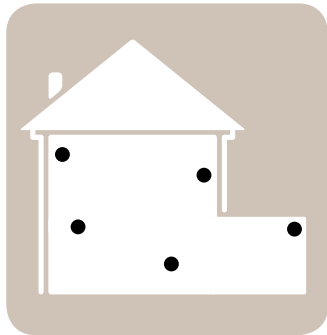
Bidirectional transmission
NiceHome confirms the execution of any commands with an acoustic or visual signal on the control unit and on the outdoor siren, with illumination of a led on the remote controls or via an SMS text message.

Self-diagnostics
NiceHome continuously supervises the efficiency of communication between all components of the system, guaranteeing perfect operation and signalling any faults.

Voice messages
The personalisable deterrent messages emitted by the siren and NiceHome control units in the protected area give advance warning of effective activation of the alarm, proving to be highly useful in discouraging break-in attempts, which, even if avoided by subsequent alarm activation, still cause damage by forced entry.

Everything under control, even at a distance
You can call the NiceHome control unit remotely to check status via a GSM network or PSTN line. NiceHome differentiates signals of attempts at approach, forced entry or breakage of doors/windows, intrusion, incipient fires or flooding, and other abnormal or potentially hazardous events. Ambient listening function.

Reassurance, at all times
More reassurance with the anti-duress and anti-aggression functions: the first inhibits activation of the alarm systems by simulating system deactivation, while transmitting a direct call to the police forces or any other set number as required. The second activates the outdoor sirens by pressing a key on the remote control.

The NiceHome emergency call enables programming of a direct call to the telephone numbers in the phone book, to transmit a personalised message - voice or text - with a request for help.

The system informs you
The non volatile memory of the system records the last 200 events. Opening sensors signal attempts at break-in, volumetric sensors indicate the presence of intruders in rooms: all signals with the control unit activated generate an alarm and telephone call and/or SMS text message specifying the detector that generated the alarm.

FREEDOM
IN INSTALLATION

The exclusive NiceHome logic of "concentric circles" : prevention is obviously the ideal solution to prevent undesired events and limit their consequences.

With the new HSCU2 series of alarm control units.
Up to six zones can be protected, enabling the alarm system to be installed and adapted to all requirements,
types of building, shop or home, habits and lifestyles.

NICE HOME

ZONE B
windows/external doors

ZONE A
garden/terrace

ZONE C
Interior

A

B

C
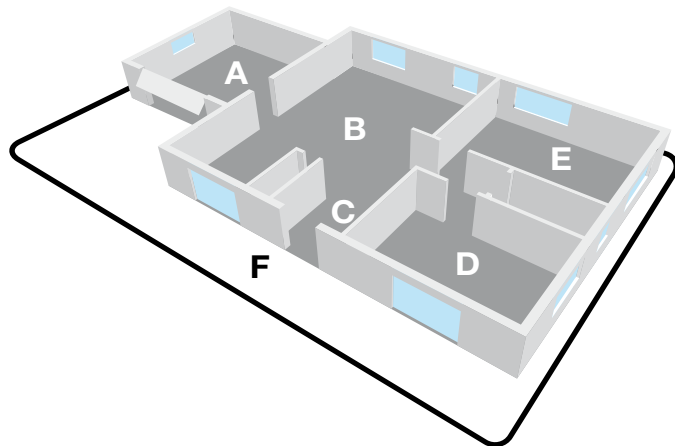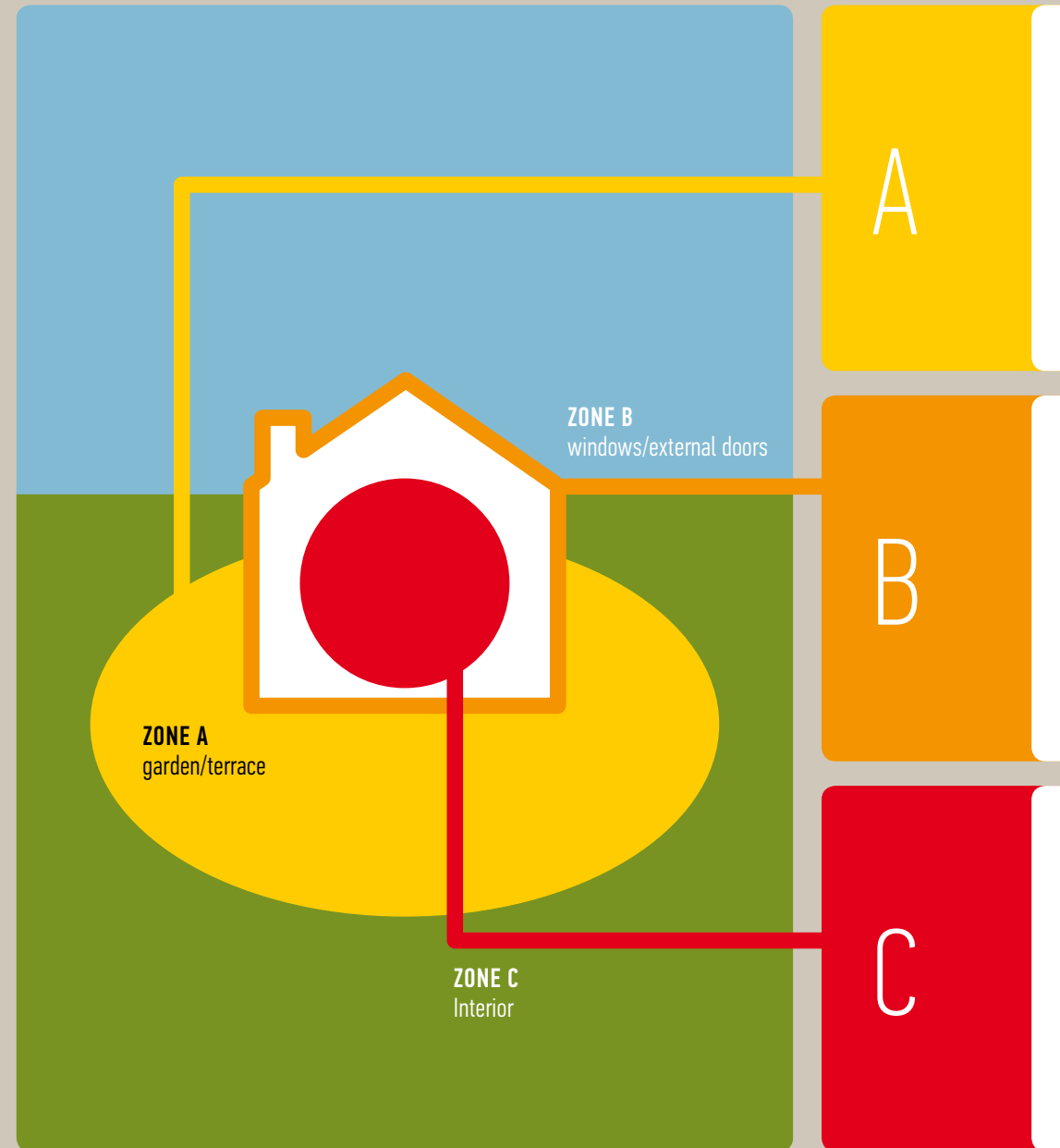
DETECTION DEVICES

Volumetric dual
technology detector,
via radio, for outdoor use

Infrared detector with vertical
curtain lens, to protect doors
and windows

Opening detector
with magnetic contact

Volumetric detector
of glass breakage

Infrared detector with
volumetric lens, to indicate
any movements in the
protected area

Volumetric detector, infrared
or double technology, via radio,
with anti-masking function

Fine volatile powder
detector and flood
detector sensor

ALARM AND SIGNAL DEVICES

EVERYTHING UNDER CONTROL, EVEN AT A DISTANCE

Control units with integrated siren and voice
warnings, outdoor sirens with voice warnings,
indoor sirens.

You can remotely call the NiceHome control unit
via GSM or PSTN to check the status.
NiceHome indicates differently attempted
approaches, breakage or forced entry of doors
or windows, intrusion, incipient fires or flooding,
and other abnormal or potentially
hazardous events.

**Deterrence of possible
intrusion attempts before
they begin, thanks to
the voice messages
emitted by the sirens
(Zone A).**

**Activation of the sirens
on first attempted forcing
of doors or windows
(Zone B).**

**Alarm and telephone call
and/or text message with
indication of the particular
detector originating
the alarm.**

**The system's non-volatile
memory records the last
200 events.**

Nice

NICEHOME SYSTEM SOLUTIONS

HSTS2EN
TOUCH SCREEN

NEW

Wireless touchscreen keypad for programming and managing NiceHome alarm system.

Maximum integration
Management of 99 individual Nice automations, directly or associated in groups or scenarios.

Management of lighting, irrigation and heating (convector heaters, etc.) **using the Nice TT2L or TT2D miniaturised control units and/or universal receivers** (e.g. SMX2R etc.).

Automations, **groups and scenarios can be managed in time bands thanks to the integrated week programmable timer.**

Ease of installation
The touchscreen is the control unit display device.
You no longer need to install the control unit in an easily accessible place to activate or deactivate the alarm.
The control unit can be "hidden" from prying eyes while the wireless touchscreen keypad is always easily reached.

During installation, by programming the devices and performing the walk test, you no longer need to go to the control unit to view the status. Feedback from the control unit is immediate and displayed on the touchscreen the installer holds.

Installation of keypad with wall mount.

Ease of use
Large touchscreen display.
Message writing via alphanumeric graphic keypad.
Graphic icons to simplify system management.
Built-in transponder key reader to activate or deactivate the alarm system by simply holding the HSB1 key near.
Four function keys for direct control of automations, configurable for use with groups or scenarios.
Microphone to record voice memos.
Voice messages.
Stand-by function for battery saving with start-up on first "movement".
Desktop support or wall mount supplied.
MicroUSB socket for possible FW updating.

HSB1
TRANSPONDER BADGE

HSTSA1
Can also be used
with the charging base.

CODE	DESCRIPTION	PACK/PALLET
HSTS2EN	WIRELESS TOUCHSCREEN	1
HSB1	TRANSPONDER BADGES TO MANAGE THE ALARM SYSTEM	10
HSTSA1	CHARGING BASE FOR THE TOUCHSCREEN, COMPLETE WITH RECHARGEABLE BATTERIES	1

ACCESSORIES FOR TOTAL HOME MANAGEMENT:

CODE	DESCRIPTION	PACK/PALLET
TT1N	CONTROL UNIT WITH PASSTHROUGH INSTALLATION AND FOR A 230 Vac MOTOR OF UP TO 500 W WITH BUILT-IN RADIO RECEIVER. TWO PROGRAMMING MODES AND PROGRAMMABLE OPERATING TIME	1
TT1L	CONTROL UNIT WITH PASSTHROUGH INSTALLATION FOR LIGHTING/IRRIGATION INSTALLATIONS, 230 Vac MOTOR OF UP TO 500 W WITH BUILT-IN RADIO RECEIVER. TWO PROGRAMMING MODES AND TWO TIMERS FOR AUTOMATIC SHUT-OFF	1
TT2N	CONTROL UNIT TO CONTROL A 230 Vac TUBULAR MOTOR WITH BUILT-IN RADIO RECEIVER	1
TT2L	CONTROL UNIT TO CONTROL 230 Vac LIGHTING INSTALLATIONS WITH BUILT-IN RADIO RECEIVER	1
TT2D	CONTROL UNIT TO CONTROL 230 Vac LIGHTING INSTALLATIONS WITH BUILT-IN RADIO RECEIVER AND SWITCHING DEVICE	1
FLOX2R	UNIVERSAL RECEIVERS, 2 CHANNELS WITH BM250 MEMORY	1
SMX2R	UNIVERSAL RECEIVERS, 2 CHANNELS WITH 256-CODES MEMORY, PRE-WIRED	1
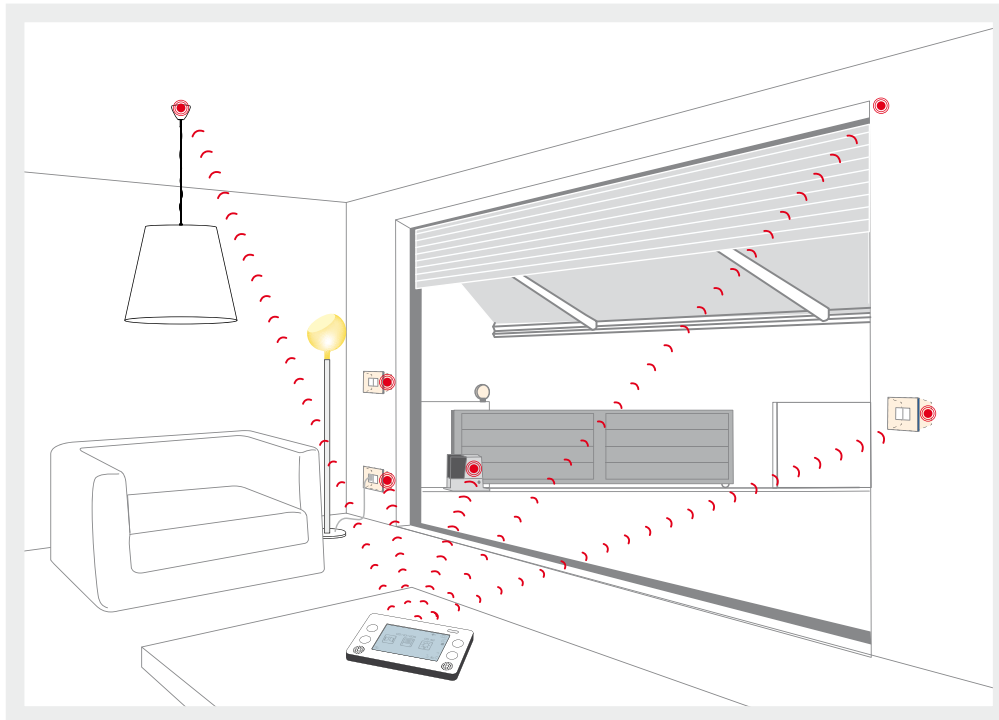
TECHNICAL SPECIFICATIONS

RADIO TRANSMISSION

FREQUENCY	433,92 MHz - 434,32 MHz
TYPE	DIGITAL BIDIRECTIONAL WITH HSCU2 ALARM SYSTEM
RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS
FUNCTIONS	
DISPLAY	3.75" GRAPHIC 240x128 pixel, MONOCHROME BACKLIT
ON BUTTON	YES
CONFIGURABLE GROUP	10 CONFIGURABLE GROUPS OF SIMILAR AUTOMATIONS (SAME COMMANDS)
SCENARIOS	10 CONFIGURABLE SCENARIOS WITH COMMANDS CONTROLLING AUTOMATIONS AND ALARM ACTIVATION-DEACTIVATION
ACTIVATION TIMER	10 CONFIGURABLE
LED	BLUE - RADIO COMMUNICATION / RED - BATTERY FLAT / ORANGE - CHARGING / GREEN - FULLY CHARGED
FUNCTION BUTTONS	4 CONFIGURABLE
TRANSPONDER KEY READER	YES
MICROPHONE	YES
LOUDSPEAKER	0.5 W
VOICE RECORDER	5 MESSAGES FOR A TOTAL OF 120 s
SW UPDATING	YES BY MICRO-USB INPUT
MOVEMENT SENSOR	YES
EVENTS LOG	100
POWER SUPPLY	
POWER SUPPLY	2 x 1.5 V AA ALKALINE BATTERIES SUPPLIED
AUTONOMY	ON AVERAGE MORE THAN A YEAR DEPENDING ON USE
SUPPLEMENTARY POWER SUPPLY	BY HSTSA1 CHARGING BASE AND AA RECHARGEABLE BATTERIES CONNECTED TO THE MICRO-USB PORT
SYSTEM	
WORKING TEMPERATURE	+5° C ÷ + 40° C (EN50131 ENVIRONMENTAL CLASS I)
DIMENSIONS (mm)	154x83x20
WEIGHT (g)	250

HSCU2
WIRELESS AND WIRED CONTROL UNITS

NEW

Supervised remotely controlled battery-powered control units for bidirectional alarm systems via dual band radio and mixed wired and via radio alarm systems.

Maximum flexibility: the HSCU2 Wireless control unit is the ideal solution for residential alarm systems, integrated with anti-hazard and home automation functions without the need to lay cables and completely independent from the electrical mains.

Reliable and discreet: thanks to the absence of a keypad and display, the control unit can be located anywhere in the home, even in less accessible places.

Maximum comfort: the new touchscreen allows to install and to set up the alarm system with maximum simplicity from any point of the house.

Maximum safety: supervised Dual Band radio transmission and control of radio interference ensure safe communication between the control unit, detectors and alarm devices. The timed antiscanner function allows alarms to be generated even when the frequencies are disturbed for a given period of time.

Total and differentiated management of alarms provides different signals to indicate approach, tampering, forced entry or break-ins through windows or doors, intrusion into protected areas, incipient fires or floods and other hazardous events.

In the event of an alarm the control unit calls the programmed telephone numbers, transmitting specific messages associated with the event.

The user can call the control unit (only via the PSTN land line and GSM for HSCU2GC) to check and modify status as required, listen to ambient noise and activate electrical utilities, lights, automations, boilers etc.

The HSCU2 wireless control unit answers in a clear voice, confirming and/or notifying of new events.

Deterrence and warning: the deterrent effect of the system is guaranteed by powerful indoor and/or outdoor sirens, also warning by means of vocal synthesis, light activation and activation of other deterrent devices.

Integrated 106 dB(A) siren, with mute option, and low intensity buzzer.
Running on a Battery Pack or with power at 230 V, the control unit can control up to 99 radio peripherals and a wide variety of alarm devices (sirens and various receivers).

Everything under control: the HSCU2GW control unit enables 16 radio controls for activation of home automations with the option for remote control via a telephone connection (PSTN); it works on the land line and GSM network, calling up to 63 telephone numbers, to which it can send up to 6 voice messages, 14 text messages (including 6 personalisable), as well as digital protocols if connected to an alarm receiving centre.

In less than optimal GSM coverage conditions, the control unit can be connected to an external antenna, thanks to the new SMA connector.
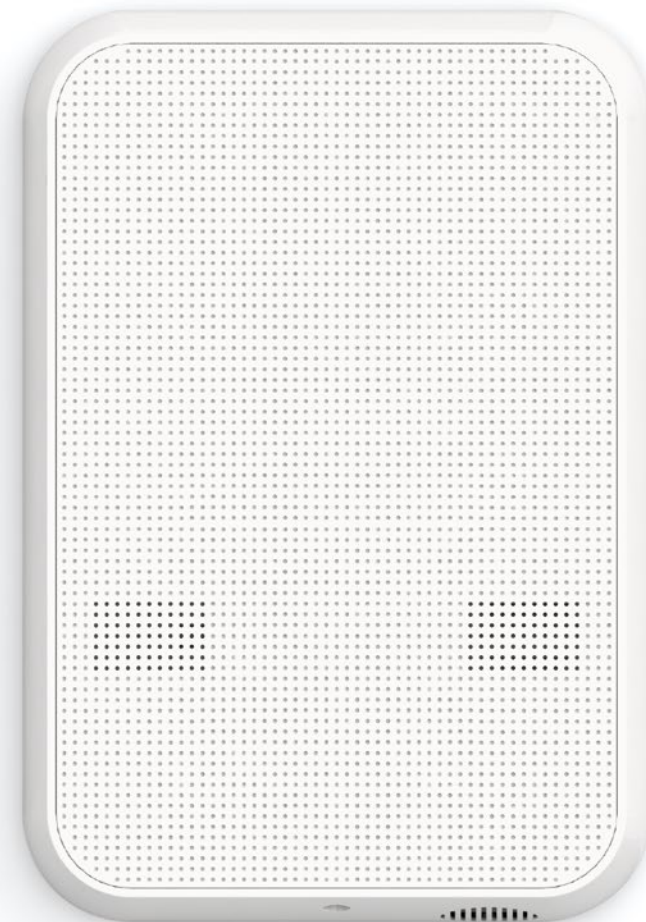
RELIABILITY

› SIMULTANEOUS TRANSMISSION ON DOUBLE FREQUENCY 433 MHz – 868 MHz.

› RECEPTION OF A SINGLE FREQUENCY IS SUFFICIENT TO GUARANTEE CORRECT OPERATION OF THE SYSTEM.

› BIDIRECTIONAL WITH RADIO REMOTE CONTROL, KEYPADS AND SIRENS.

› SUPERVISED RADIO TRANSMISSION.

› FIELD METER: USEFUL TO VERIFY IF THE TRANSMISSION CHANNELS ARE AVAILABLE OR DISTURBED.

› 200 EVENT MEMORY.

› TAMPER PROTECTION AGAINST OPENING/DETACHMENT.

SIMPLICITY

› EASY AND QUICK PROGRAMMING THANKS TO THE ICON MENUS ON THE WIRELESS TOUCHSCREEN KEYPAD.

› WALK TEST FUNCTION WITH EVENTS LIST DISPLAYED DIRECTLY ON THE TOUCHSCREEN.

› SIX DETECTION ZONES/AREAS FOR IMPROVED PERSONALISATION OF THE ALARM SYSTEM.

› RAPID ACQUISITION OF DEVICES BY SIMPLY THE BATTERY.

› THE CONTROL UNIT CAN EMIT A CHOICE OF EITHER BEEP OR VOICE MESSAGE:
System activated, partially activated, deactivated
Windows and doors open
Pre-alarm status
Tamper alarm.
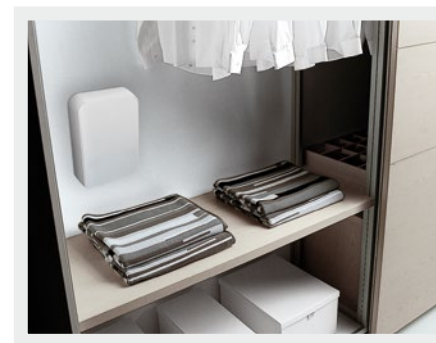
MAXIMUM INSTALLATION FLEXIBILITY.

YOU NO LONGER NEED TO INSTALL THE CONTROL UNIT IN A PLACE WITH EASY ACCESS TO ACTIVATE OR DEACTIVATE THE ALARM.

THE CONTROL UNIT CAN BE "HIDDEN" FROM PRYING EYES WHILE THE WIRELESS TOUCHSCREEN KEYPAD IS ALWAYS EASILY REACHED.

HSCU2
WIRELESS AND WIRED CONTROL UNITS

NEW
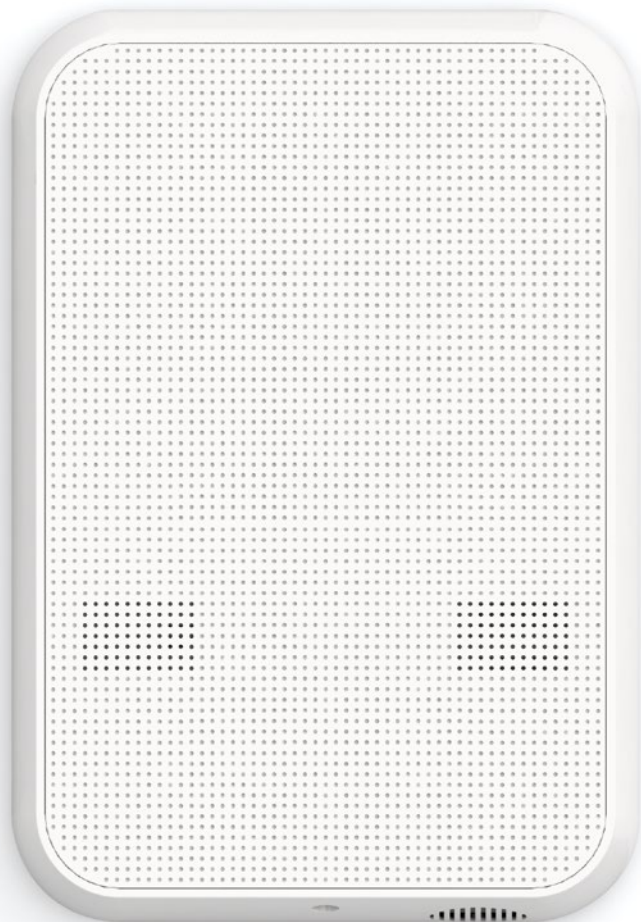
CONTROL UNITS FOR MIXED WIRED AND VIA RADIO ALARM SYSTEMS

CODE	DESCRIPTION
HSCU2GC	CONTROL UNIT FOR MIXED WIRED AND VIA RADIO ALARM SYSTEMS, POWERED AT 230 Vac, 6 WIRED INPUTS AND LEAD BATTERY (NOT SUPPLIED). WITH PSTN AND GSM TELEPHONE DIALLER
HSCU2C	CONTROL UNIT FOR MIXED WIRED AND VIA RADIO ALARM SYSTEMS, POWERED AT 230 Vac, 6 WIRED INPUTS AND LEAD BATTERY (NOT SUPPLIED). WITH PSTN TELEPHONE DIALLER
B12V-C	LEAD BATTERY, 12 V (2.2 Ah) NECESSARY FOR BACK-UP OF 230 V CONTROL UNITS
HSA2	TELEPHONE LINE SPLITTER WITH RJ14 OUTPUT AND TERMINAL

WIRELESS CONTROL UNITS

CODE	DESCRIPTION
HSCU2GW	WIRELESS CONTROL UNIT, POWERED BY BATTERY PACK (SUPPLIED). EQUIPPED WITH PSTN AND GSM TELEPHONE DIALLER
HSCU2W	WIRELESS CONTROL UNIT, POWERED BY BATTERY PACK (SUPPLIED). EQUIPPED WITH PSTN TELEPHONE DIALLER
HSPS1	BATTERY PACK 9 V (12 Ah)
HSA2	TELEPHONE LINE SPLITTER WITH RJ14 OUTPUT AND TERMINAL

TECHNICAL SPECIFICATIONS

CODE	HSCU2C	HSCU2GC
FREQUENCY	DIGITAL "DUAL BAND" DOUBLE FREQUENCY (433 AND 868 MHz) BIDIRECTIONAL (SIRENS, REMOTE CONTROLS, KEYPADS)	
RADIO RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS	
AREAS	6 (A-B-C-D-E-F)	
ALARM VIA RADIO INPUTS	99 (INCLUDING OUTDOOR SIRENS)	
DETECTOR PROGRAMMING	IMMEDIATE, DELAYED, AND, CONFIGURABLE AS ZONE 24 h PANIC, EMERGENCY, TECHNICAL	
REMOTE CONTROLS	32	
ACCESS CODES	1 INSTALLER CODE, 1 USER CODE, 32 ACCESS CODES	
TRANSPONDER KEYS	32	
KEYPADS	4 HSTS2 TOUCHSCREENS, UNLIMITED HSKPS	
RADIO CONTROLS	16 (COMPATIBLE HSTT2L - HSTT2N)	
WIRED INPUTS	6 NC ALARM LINES, 3 NC TAMPER LINES PROGRAMMABLE ON ACTIVATION ZONES A-B-C-D-E-F, 1 KEY INPUT	
WIRED SIREN OUTPUT	1 FOR 12 V 0.5 A SIREN CONTROL, 1 FOR 14 VDC SELF-POWERED SIREN	
RELAY OUTPUT	2 PROGRAMMABLE	
TIMERS	PROGRAMMABLE DELAYED ACTIVATION, PROGRAMMABLE DELAY ON EACH DETECTOR. GENERAL ALARM DURATION 3 X 3 MINUTE CYCLES WITH AN INTERVAL OF 3 MINUTES EACH	
EVENT MEMORY	200	
TAMPER PROTECTION	RECEPTION OF TAMPER SIGNAL FROM EACH INDIVIDUAL DETECTOR, RECEPTION OF SUPERVISION AND FLAT BATTERY SIGNALS. OPENING AND DETACHMENT PROTECTION. ANTI-SCANNER FUNCTION	
FIELD METER	YES (433 MHz, 434 MHz, 868 MHz)	
FORCED ACTIVATION TIMER	YES	
INTEGRATED SIREN	106 dB(A) + BUZZER WITH LOW INTENSITY SIGNAL FUNCTION AND VOICE MESSAGES WITH MUTE FUNCTION AND WEEKLY TIMER	
PSTN DIALLER	YES	
PHONE BOOK	64	
GSM DIALLER	-	QUAD-BAND EGSM 850/900/1800/1900 MHz
TEXT MESSAGES	-	6 CONFIGURABLE + 12 TECHNICAL
REMOTE COMMANDS	YES VIA PSTN	YES VIA PSTN AND GSM, ALSO WITH TEXT MESSAGE
DIGITAL PROTOCOL	CONTACT ID AND CESA 200	
POWER SUPPLY	230 V 50 Hz 35 W	
ELECTRICAL INSULATION	CLASS II	
BACKUP BATTERY	12 V 2,2 Ah LEAD RECHARGEABLE, AUTONOMY WITHOUT MAINS 36 H (NOT SUPPLIED)	
POWER OUTPUT	12 Vcc (NOMINAL) 1.2 A MAXIMUM TOTAL	
AUTONOMY	-	
PROGRAMMING	BY HSTS2 TOUCHSCREEN KEYPAD VIA PC (SERIAL CONNECTION WITH HSA1)	
CONTROL UNIT LANGUAGE (**)	IT - FR - EN - ES - DE	
VOCAL SYNTHESIS (**)	125 PRE-RECORDED "PHRASES", 6 RECORDABLE VOICE MESSAGES FOR THE MAIN USER COMMUNICATIONS	
SW UPDATING	YES (VIA HSA1)	
OPERATING TEMPERATURE	-10°C ÷ +40°C (ENVIRONMENTAL CLASS II ACCORDING TO EN50131)	
DIMENSIONS (mm)	211x54x307	
WEIGHT (Kg)	1.2	

CODE	HSCU2W	HSCU2GW
FREQUENCY	DIGITAL "DUAL BAND" DOUBLE FREQUENCY (433 AND 868 MHz) BIDIRECTIONAL (SIRENS, REMOTE CONTROLS, KEYPADS)	
RADIO RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS	
AREAS	6 (A-B-C-D-E-F)	
ALARM VIA RADIO INPUTS	99 (INCLUDING OUTDOOR SIRENS)	
DETECTOR PROGRAMMING	IMMEDIATE, DELAYED, AND, CONFIGURABLE AS ZONE 24 h PANIC, EMERGENCY, TECHNICAL	
REMOTE CONTROLS	32	
ACCESS CODES	1 INSTALLER CODE, 1 USER CODE, 32 ACCESS CODES	
TRANSPONDER KEYS	32	
KEYPADS	4 HSTS2 TOUCHSCREENS, UNLIMITED HSKPS	
RADIO CONTROLS	16 (COMPATIBLE HSTT2L - HSTT2N)	
WIRED INPUTS	-	
WIRED SIREN OUTPUT	-	
RELAY OUTPUT	-	
TIMERS	PROGRAMMABLE DELAYED ACTIVATION, PROGRAMMABLE DELAY ON EACH DETECTOR. GENERAL ALARM DURATION 3 X 3 MINUTE CYCLES WITH AN INTERVAL OF 3 MINUTES EACH	
EVENT MEMORY	200	
TAMPER PROTECTION	RECEPTION OF TAMPER SIGNAL FROM EACH INDIVIDUAL DETECTOR, RECEPTION OF SUPERVISION AND FLAT BATTERY SIGNALS. OPENING AND DETACHMENT PROTECTION. ANTI-SCANNER FUNCTION	
FIELD METER	YES (433 MHz, 434 MHz, 868 MHz)	
FORCED ACTIVATION TIMER	YES	
INTEGRATED SIREN	106 dB(A) + BUZZER WITH LOW INTENSITY SIGNAL FUNCTION AND VOICE MESSAGES WITH MUTE FUNCTION AND WEEKLY TIMER	
PSTN DIALLER	YES	
PHONE BOOK	64	
GSM DIALLER	-	QUAD-BAND EGSM 850/900/1800/1900 MHz
TEXT MESSAGES	-	6 CONFIGURABLE + 12 TECHNICAL
REMOTE COMMANDS	YES VIA PSTN	YES VIA PSTN
DIGITAL PROTOCOL	CONTACT ID E CESA 200	
POWER SUPPLY	BATTERY PACK 9 V 12 Ah (IN DOTAZIONE)	
ELECTRICAL INSULATION	CLASS III	
BACKUP BATTERY	-	
POWER OUTPUT	-	
AUTONOMY	2 YEARS (*)	
PROGRAMMING	BY HSTS2 TOUCHSCREEN KEYPAD VIA PC (SERIAL CONNECTION WITH HSA1)	
CONTROL UNIT LANGUAGE (**)	IT - FR - EN - ES - DE	
VOCAL SYNTHESIS (**)	125 PRE-RECORDED "PHRASES", 6 RECORDABLE VOICE MESSAGES FOR THE MAIN USER COMMUNICATIONS	
SW UPDATING	YES (VIA HSA1)	
OPERATING TEMPERATURE	-10°C ÷ +40°C (ENVIRONMENTAL CLASS II ACCORDING TO EN50131)	
DIMENSIONS (mm)	211x54x307	
WEIGHT (Kg)	2	

* Estimated autonomy with 2 activation/deactivations per day, 10 detectors present and 10 alarms/year. The autonomy decreases if there are numerous telephone calls.
** Guide and vocal synthesis according to the product code of the ordered touchscreen..

HSCU
WIRELESS CONTROL UNITS

Supervised and remotely controlled control units, battery-powered for dual band bidirectional alarm systems via radio.

Maximum flexibility: the HSCU Wireless control unit is the ideal solution for residential alarm systems, integrated with anti-hazard and home automation functions without the need to lay cables and completely independent from the electrical mains.

Maximum safety: supervised Dual Band radio transmission and control of radio interference ensure safe communication between the control unit, detectors and alarm devices.

Total and differentiated management of alarms provides different signals to indicate approach, tampering, forced entry or break-ins through windows or doors, intrusion into protected areas, incipient fires or floods and other hazardous events.

In the event of an alarm the control unit calls the programmed telephone numbers, transmitting specific messages associated with the event.

The user can call the control unit (only via the PSTN land line) to check and modify status as required, listen to ambient noise and activate electrical utilities, lights, automations, boilers etc.

The HSCU wireless control unit answers in a clear voice, confirming and/or notifying of new events.

Deterrence and warning: the deterrent effect of the system is guaranteed by powerful indoor and/or outdoor sirens, also warning by means of vocal synthesis, light activation and activation of other deterrent devices.

Integrated 106 dB siren, with mute option, and low intensity buzzer.

Running on a Battery Pack, the control unit can control up to 99 radio peripherals and a wide variety of alarm devices (sirens and various receivers).

Everything under control: the **HSCU1GEN** control unit enables 16 radio controls for activation of home automations with the option for remote control via a telephone connection (PSTN); it works on the land line and GSM network, calling up to 63 telephone numbers, to which it can send up to 6 voice messages, 14 text messages (including 6 personalisable), as well as digital protocols if connected to an alarm receiving centre.

In less than optimal GSM coverage conditions, the control unit can be connected to an external antenna, thanks to the **new SMA connector.**

CODE	DESCRIPTION
HSCU1GEN	CONTROL UNIT FOR ALARM SYSTEMS VIA RADIO, BATTERY-PACK POWERED (SUPPLIED). EQUIPPED WITH PSTN AND GSM TELEPHONE DIALLERS
HSCU1EN	CONTROL UNIT FOR ALARM SYSTEMS VIA RADIO, BATTERY-PACK POWERED (SUPPLIED). EQUIPPED WITH PSTN TELEPHONE DIALLER
HSPS1	BATTERY PACK 9 V (12 AH)
HSA1	CABLE AND SOFTWARE FOR DIRECT CONTROL UNIT-PC CONNECTION
HSA2	TELEPHONE LINE SPLITTER, WITH RJ14 OUTPUT AND TERMINAL

TECHNICAL SPECIFICATIONS

CODE	HSCU1EN	HSCU1GEN
POWER SUPPLY	DIGITAL "DUAL BAND" DOUBLE FREQUENCY (433 AND 868 MHz) BIDIRECTIONAL (SIRENS, REMOTE CONTROLS, KEYPADS)	
RADIO RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS	
AREAS	3 (A-B-C)	
ALARM VIA RADIO INPUTS	99 (INCLUDING OUTDOOR SIRENS)	
DETECTOR PROGRAMMING	IMMEDIATE, DELAYED, AND, CONFIGURABLE AS ZONE 24 h PANIC, EMERGENCY, TECHNICAL	
REMOTE CONTROLS	32	
ACCESS CODES	1 INSTALLER CODE, 1 USER CODE, 32 ACCESS CODES	
KEYPADS	UNLIMITED HSKPS	
RADIO CONTROLS	16 (COMPATIBLE HSTT2L – HSTT2N)	
TIMERS	PROGRAMMABLE DELAYED ACTIVATION, PROGRAMMABLE DELAY ON EACH DETECTOR. GENERAL ALARM DIRECTION OF 3 CYCLES EACH OF 3 MINUTES AT INTERVALS OF 3 MINUTES	
EVENT MEMORY	200	
TAMPER PROTECTION	RECEPTION OF TAMPER SIGNAL FROM EACH INDIVIDUAL DETECTOR, RECEPTION OF SUPERVISION AND FLAT BATTERY SIGNALS. OPENING AND DETACHMENT PROTECTION. ANTI-SCANNER FUNCTION	
FIELD METER	YES (433 MHz, 868 MHz)	
FORCED ACTIVATION TIMER	YES	
INTEGRATED SIREN	106 dB(A) + BUZZER WITH LOW INTENSITY SIGNAL FUNCTION	
PSTN DIALLER	YES	
PHONE BOOK	63	
GSM DIALLER	-	QUAD-BAND EGSM 850/900/1800/1900 MHz
TEXT MESSAGES	-	6 CONFIGURABLE + 8 TECHNICAL
REMOTE COMMANDS	YES VIA PSTN	
DIGITAL PROTOCOL	CONTACT ID AND CESA 200	
POWER SUPPLY	BATTERY PACK 9 V 12 Ah (SUPPLIED)	
ELECTRICAL INSULATION	CLASS III	
AUTONOMY	2 YEARS (*)	
COMMANDS	20 KEY ALPHANUMERIC KEYPAD	
CONTROL UNIT LANGUAGE (**)	IT - FR - EN - ES - DE - TR - PL - HL	
VOCAL SYNTHESIS	125 PRE-RECORDED "PHRASES" IN THE SIX PRINCIPAL LANGUAGES, 6 RECORDABLE VOICE MESSAGES FOR THE MAIN USER COMMUNICATIONS	
SW UPDATING	YES (VIA HSA1)	
OPERATING TEMPERATURE	-10°C – +40 °C (ENVIRONMENTAL CLASS II ACCORDING TO EN50131)	
DIMENSIONS (mm) (LxDxH)	211x54x307	
WEIGHT (Kg)	2	

* Estimated autonomy with two activation/deactivations per day, 10 detectors present and 10 alarms/year. The autonomy decreases if there are numerous telephone calls.
** Vocal guide according to the product code ordered.

THE BOX THAT PROTECTS THE CONTROL ELECTRONICS, REMOVABLE AND ROTARY TO FACILITATE MAINTENANCE AND ACCESS TO THE MEMORY AND SIM CARD OF THE GSM VERSIONS.

HSCU
CONTROL UNITS

Supervised control units with remote control for mixed Dual Band and wired alarm systems via radio.

The HSCU **control unit** is the most comprehensive solution for the installation of residential alarm systems, integrated with anti-hazard and automation management functions.

Maximum safety: supervised Dual Band radio transmission and control of radio interference ensure safe communication between the control unit, detectors and alarm devices.

Total and differentiated management
of alarms provides different signals to indicate approach, tampering, forced entry or break-ins through windows or doors, intrusion into protected areas, incipient fires or floods and other hazardous events.

In the event of an alarm the control unit calls the programmed telephone numbers, transmitting specific messages associated with the event.

The user can call the control unit to check and modify status as required, listen to ambient noise and activate electrical utilities, lights, automations, boilers etc.

The HSCU control unit answers in a clear voice, confirming and/or notifying of new events.

Deterrence and warning: the deterrent effect of the system is guaranteed by powerful indoor and/or outdoor sirens, also warning by means of vocal synthesis, light activation and activation of other deterrent devices.

Integrated 106 dB siren, with mute option, and low intensity buzzer.

Power at 230 Vac, the control unit can control up to 99 radio peripherals and up to 6 wired detectors with dedicated power supply; it is equipped with radio/wired outputs for alarm devices and for 18 home automation commands (16 radio commands + 2 relays).

No black-out: the backup battery (optional) enhances system safety, guaranteeing operation in the event of a power failure.

Everything under control: the **HSCU1GCEN** control unit works on the land line and GSM network, calling up to 63 telephone numbers, to which it can send up to 6 voice messages, 17 text messages (including 6 personalisable), as well as digital protocols if connected to an alarm receiving centre.

In less than optimal GSM coverage conditions, the control unit can be connected to an external antenna, thanks to the **new SMA connector.**

CODE	DESCRIPTION
HSCU1GCEN	CONTROL UNIT FOR MIXED, WIRED AND RADIO-CONTROLLED ALARM SYSTEMS, POWERED AT 230 Vac AND LEAD BATTERY (NOT SUPPLIED). EQUIPPED WITH PSTN AND GSM TELEPHONE DIALLERS
HSCU1CEN	CONTROL UNIT FOR MIXED, WIRED AND RADIO-CONTROLLED ALARM SYSTEMS, POWERED AT 230 Vac AND LEAD BATTERY (NOT SUPPLIED). EQUIPPED WITH PSTN TELEPHONE DIALLER
B12V-C	12 V LEAD BATTERY (2.2 Ah) REQUIRED AS BACKUP FOR CONTROL UNITS POWERED AT 230 V
HSA1	CABLE AND SOFTWARE FOR DIRECT CONTROL UNIT-PC CONNECTION
HSA2	TELEPHONE LINE SPLITTER, WITH RJ14 OUTPUT AND TERMINAL

TECHNICAL SPECIFICATIONS

CODE	HSCU1CEN	HSCU1GCEN
FREQUENCY	DIGITAL DUAL BAND DOUBLE FREQUENCY (433 AND 868 MHz)	
RADIO RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS	
AREAS	3 (A-B-C)	
ALARM VIA RADIO INPUTS	99 (INCLUDING OUTDOOR SIRENS)	
DETECTOR PROGRAMMING	IMMEDIATE, DELAYED, AND, CONFIGURABLE AS ZONE 24 h PANIC, EMERGENCY, TECHNICAL	
REMOTE CONTROLS	32	
ACCESS CODES	1 INSTALLER CODE, 1 USER CODE, 32 ACCESS CODES	
KEYPADS	UNLIMITED HSPKS	
RADIO CONTROLS	16 (COMPATIBLE HSTT2L - HSTT2N)	
WIRED INPUTS	6 NC ALARM LINES, 3 NC TAMPER LINES PROGRAMMABLE ON ACTIVATION ZONES A-B-C, 1 KEY INPUT	
WIRED SIREN OUTPUT	1 FOR 12 V 0.5 A SIREN CONTROL, 1 FOR 14 VDC SELF-POWERED SIREN	
RELAY OUTPUT	2 PROGRAMMABLE	
TIMERS	PROGRAMMABLE DELAYED ACTIVATION, PROGRAMMABLE DELAY ON EACH DETECTOR. GENERAL ALARM DIRECTION OF 3 CYCLES EACH OF 3 MINUTES AT INTERVALS OF 3 MINUTES	
EVENT MEMORY	200	
TAMPER PROTECTION	RECEPTION OF TAMPER SIGNAL FROM EACH DETECTOR RECEPTION OF SUPERVISION AND LOW BATTERY SIGNALS	
FIELD METER	YES (433 MHz, 868 MHz)	
FORCED ACTIVATION TIMER	YES	
INTEGRATED SIREN	106 dB(A) + BUZZER WITH LOW INTENSITY SIGNAL FUNCTION	
PSTN DIALLER	YES	
PHONE BOOK	63	
GSM DIALLER	-	QUAD-BAND EGSM 850/900/1800/1900 MHz
TEXT MESSAGES	-	6 CONFIGURABLE + 10 TECHNICAL
REMOTE COMMANDS	YES	
DIGITAL PROTOCOL	CONTACT ID AND CESA 200	
POWER SUPPLY	230 V 50 Hz 35 W	
ELECTRICAL INSULATION	CLASS II	
BACKUP BATTERY	12 V 2.2 Ah LEAD RECHARGEABLE, AUTONOMY WITHOUT MAINS 36 h (NOT SUPPLIED)	
POWER OUTPUT	12 Vdc (NOMINAL) 1.2 A MAXIMUM TOTAL	
COMMANDS	ALPHANUMERICAL KEYPAD, 20 KEYS	
DISPLAYS	INTEGRATED 2X16 DISPLAY	
CONTROL UNIT LANGUAGE (**)	IT - FR - EN - ES - DE - TR - PL - HL	
VOCAL SYNTHESIS (**)	125 PRE-RECORDED "PHRASES" IN THE SIX PRINCIPAL LANGUAGES, 6 RECORDABLE VOICE MESSAGES FOR THE MAIN USER COMMUNICATIONS	
SW UPDATING	YES (VIA HSA1)	
OPERATING TEMPERATURE	-10°C ÷ +40°C (ENVIRONMENTAL CLASS II ACCORDING TO EN50131)	
DIMENSIONS (mm) (LxDxH)	211x54x307	
WEIGHT (Kg)	1.2	

* Estimated autonomy with two activation/deactivations per day, 10 detectors present and 10 alarms/year. The autonomy decreases if there are numerous telephone calls.
** Vocal guide according to the product code ordered.

THE BOX THAT PROTECTS THE CONTROL ELECTRONICS ROTATES FOR EASIER WIRING AND ACCESS TO THE MEMORY AND SIM CARD ON THE GSM VERSIONS.

HSKIT1

The NiceHome kits are the most comprehensive solution for the installation of residential alarm systems, integrated with anti-hazard and automation management functions.

Wireless freedom: totally wireless and mixed wired/via radio solutions, guarantee maximum flexibility of installation, even where wiring is not possible.
The set-up of a "made-to-measure" system is now easier than ever, to meet all the needs for protection and comfort in the home!

Deterrence, protection, warning
"Talking" control unit including personalisable warnings, voice guide and 106 dB siren with a powerful deterrent effect.

Differentiated management of alarms provides different signals to indicate approach, tampering, forced entry or break-ins through windows or doors, intrusion into protected areas, incipient fires or floods and other hazardous events.
In the event of an alarm the control unit calls the programmed telephone numbers, transmitting specific messages associated with the event.

Reassurance, at all times:
thanks to Dual Band radio transmission (433 and 868 MHz) and bidirectional devices, the system is supervised and also indicates the presence of radio disturbance.

Remote control: everything under control, even at a distance PSTN and GSM diallers (HSKIT1GCEN e HSKIT1GWEN) for dual safety, remote querying and control, warnings via voice and text messages, telesurveillance and remote assistance.

In less than optimal GSM coverage conditions, the control unit can be connected to an external antenna, thanks to the **new SMA connector.**

No Black-out; guaranteed operation in the event of a power failure and warning via text message.

CODE	DESCRIPTION
HSKIT1GCEN	KIT FOR INSTALLATION OF AN ALARM SYSTEM WIRED AND VIA RADIO, WITH CONTROL UNIT (HSCU1GC) EQUIPPED WITH PSTN AND GSM TELEPHONE DIALLER. OPTIONAL BACK-UP BATTERY B12V-C
HSKIT1GWEN	KIT FOR INSTALLATION OF AN ALARM SYSTEM VIA RADIO, WITH CONTROL UNIT (HSCU1G) EQUIPPED WITH PSTN AND GSM TELEPHONE DIALLER
HSKIT1WEN	KIT FOR INSTALLATION OF AN ALARM SYSTEM VIA RADIO, WITH CONTROL UNIT (HSCU1) EQUIPPED WITH PSTN TELEPHONE DIALLER

N.B. The content of the package may vary: consult the retailer.

Wireless ((•))
Dual Band 433 MHz 868 MHz
3 Areas
Siren 106 dB
Incluse
Nice Design

DESCRIPTION OF KIT

Select the kit that suits you on the basis of the control unit characteristics!

HSKIT1GCEN
WITH CONTROL UNIT **VIA RADIO + FILO**, 230 Vac, AND **PSTN** AND **GSM** TELEPHONE DIALLER

HSKIT1GWEN
WITH CONTROL UNIT **VIA RADIO** BATTERY-POWERED, AND **PSTN** AND **GSM** TELEPHONE DIALLER

HSKIT1WEN
WITH CONTROL UNIT **VIA RADIO** BATTERY-POWERED, AND **PSTN** TELEPHONE DIALLER

1 HSTX4
4-CHANNEL TRANSMITTER, ROLLING CODE, TOTAL AND PARTIAL ACTIVATION, EMERGENCY, ANTI-PANIC.

1 HSDID11
OPENING DETECTOR WITH MAGNETIC CONTACT

1 HSDIM10
INFRARED VOLUMETRIC DETECTOR WITH CORNER SUPPORT.

HSTX4
TRANSMITTER

**Radio transmitter, 4-channel,
bidirectional 433 MHz, Rolling Code.**

2 keys dedicated to alarm system
for activation/deactivation and 2 programmable keys
with the functions of **alternative partial activation**
(also programmable for direct control of HSTT receivers),
emergency call or antipanic (direct activation or sirens).

Bidirectional: confirmation of operations with optic feedback
after sending the commands "ON", "OFF" and "Partial ON"
(orange Led lit) the Led displays the result (green = OFF;
red = ON or Partial ON).

Small and ergonomic, with provision for attachment to key-ring.

CODE	DESCRIPTION
HSTX4	4-CHANNEL RADIO TRANSMITTER FOR ALARM SYSTEMS, BATTERY SUPPLIED
B3VC	LITHIUM BATTERY 3 V (CR2032)

TECHNICAL SPECIFICATIONS

CODE	HSTX4
POWER SUPPLY	LITHIUM BATTERY 3 V (CR2032), SUPPLIED
AUTONOMY	APPROX. 2 YEARS
POWER SUPPLY	433 MHz
RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
RADIO RECEPTION/TRANSMISSION	DIGITAL BIDIRECTIONAL COMMUNICATION
OPERATING TEMPERATURE	−20 ÷ +55 °C
DIMENSIONS (mm) (LxDxH)	42x13x50
WEIGHT (g)	16

Bidirectional with confirmation LED:
Red: alarm on,
Green: alarm off

OFF key:
total deactivation

ON key:
total activation

Partial activation

Alarm (panic, indisposition, burglary)
or configurable as second partial activation

HSTX8
TRANSMITTER

Radio transmitter, 8-channel, bidirectional 433 MHz, Rolling Code.

**4 keys dedicated to the alarm system**
for activation/deactivation and partial activation (programmable also for direct control of the HSTT receivers).
Programmable key with emergency call or antipanic function (direct activation of sirens) or for control of alternative partial activation.

Bidirectional: confirmation of operations thanks to the optical feedback. After sending the commands "ON", "OFF" and "Partial ON" (orange Led lit) the Led displays the result (green = OFF; red = ON or partial ON).

4 programmable keys for control of the corresponding number of automations, individual or groups, or other manual commands.

Slim and ergonomic, with provision for attachment to key-ring.
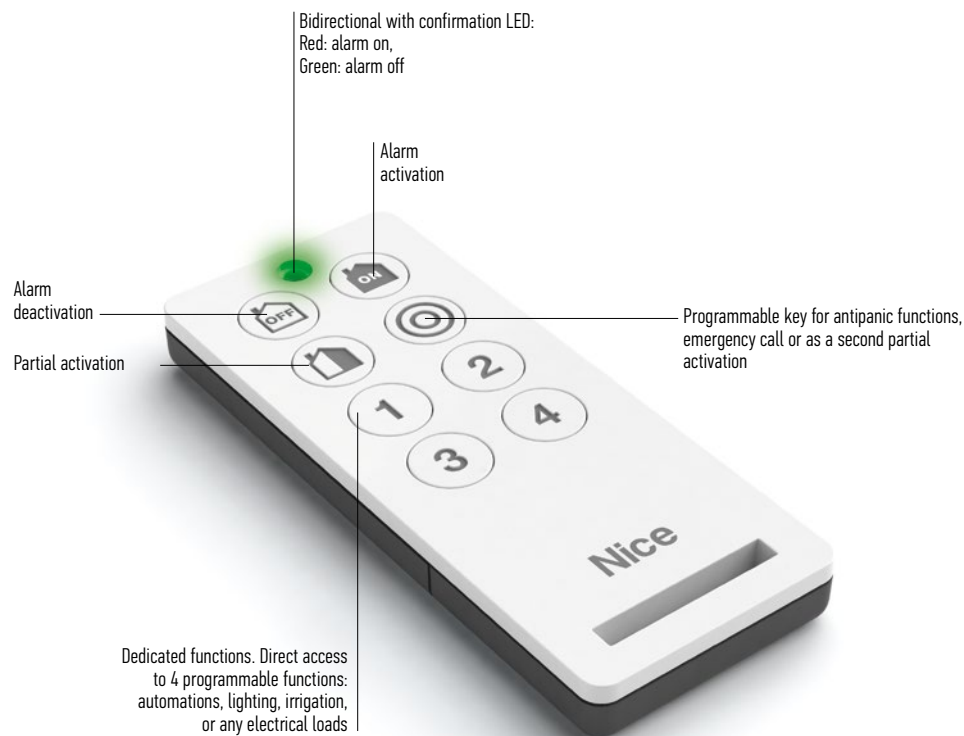
CODE	DESCRIPTION
HSTX8	8-CHANNEL RADIO TRANSMITTER (4 CHANNELS FOR ALARM SYSTEMS AND 4 FOR AUTOMATION CONTROL), BATTERY SUPPLIED
B3VC	LITHIUM BATTERY 3 V (CR2032)

TECHNICAL SPECIFICATIONS

CODE	HSTX8
POWER SUPPLY	LITHIUM BATTERY 3 V (CR2032), SUPPLIED
AUTONOMY	APPROX. 2 YEARS
POWER SUPPLY	433 MHz
RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
RADIO RECEPTION/TRANSMISSION	DIGITAL BIDIRECTIONAL COMMUNICATION
OPERATING TEMPERATURE	−20 ÷ +55 °C
DIMENSIONS (mm) (LxDxH)	36x10x88
WEIGHT (g)	27

Bidirectional with confirmation LED:
Red: alarm on,
Green: alarm off

Alarm activation

Alarm deactivation

Partial activation

Programmable key for antipanic functions, emergency call or as a second partial activation

Dedicated functions. Direct access to 4 programmable functions: automations, lighting, irrigation, or any electrical loads

HSKPS
KEYPAD

Bidirectional Dual Band keypad, wall-mounted or portable for control of alarm system and automation control systems.

HSKPS is a keypad used to activate/deactivate the connected alarm control units and automations (programmable also for the direct management of HSTT2 receivers).
with visual confirmation of operations and service indicators via leds or buzzer, to indicate conditions such as protected doors/windows left open and low battery signals.

Key to check system status.

Safety and protection
Antiduress function with deactivation under threat, with simultaneous dialling of telephone numbers.

Programmable key with antipanic function (activation of sirens and of calls) **or burglary alarm** (activation of calls) or programmable for control of an automation or other manual command.

3 function keys and 3 LEDs to manage and to display the status of the individual areas.

CODE	DESCRIPTION
HSKPS	BIDIRECTIONAL DUAL BAND RADIO KEYPAD, FOR CONTROL OF ALARM SYSTEM AND AUTOMATION CONTROL SYSTEMS, BATTERY POWERED (NOT SUPPLIED)
HSKCT	DESKTOP SUPPORT/ANTI-FALL PROTECTION FOR HSKPS PORTABLE KEYPAD
B1,5V-A	ALKALINE BATTERY, 1.5 V SIZE AAA

TECHNICAL SPECIFICATIONS

CODE	HSKPS
POWER SUPPLY	3 ALKALINE BATTERIES, 1.5 V SIZE AAA, SUPPLIED
AUTONOMY	APPROX. 2 YEARS
DISPLAY AND CONTROLS	8 FUNCTION CONTROL LEDS AND BUZZER
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RANGE RADIO	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
OPERATING TEMPERATURE	-10 ÷ +40 °C
DIMENSIONS (mm) (LxDxH)	100x23x100
WEIGHT (g)	180

N.B. If installed with HSCU2 control units, manages only the access codes enabled to manage areas A, B and C.

DETERRENCE, PROTECTION, WARNING

HSS01/HSS0C
OUTDOOR SIRENS

Outdoor alarm siren with integrated flashing light, also on new Dual Band version via radio, with voice function.

Deterrent voice messages: the surprise effect of the HSS01 model with voice function does not disturb neighbours but discourages and deters intruders.

The sound power of 116 dB(A), dissuades the intruder, while the flashing light enables illumination of the area where the alarm trips.

The flashing light and adjustable sound confirm activation and deactivation of the control unit.

Stylish and painstaking design: box with antifoam design equipped with **protection against opening, detachment from wall, and break-in attempts.**

HSS01 siren via radio, bidirectional, powered by Battery Pack.

HSS0C wired siren, powered at 12 Vdc by the control unit, with internal backup battery (not supplied).

CODE	DESCRIPTION
HSS01	OUTDOOR SIREN VIA RADIO, WITH INTEGRATED BIDIRECTIONAL AND DUAL BAND VOICE BOARD, POWERED BY BATTERY PACK (SUPPLIED). SOUND POWER 116 dB(A), WITH BUILT-IN FLASHING LIGHT
HSPS1	BATTERY PACK 9 V (12 Ah)

CODE	DESCRIPTION
HSS0C	OUTDOOR SIREN FOR WIRED CONTROL UNITS, POWERED AT 230 Vac AND LEAD BATTERY (NOT SUPPLIED). SOUND POWER 116 dB(A), WITH FLASHING LIGHT. COMPATIBLE WITH CONTROL UNITS HSCU1C, HSCU1GC, HSCU2C AND HSCU2GC
B12V-C	12 V LEAD BATTERY (2.2 Ah) NECESSARY FOR SIREN BACK-UP

TECHNICAL SPECIFICATIONS

CODE	HSS01	HSS0C
POWER SUPPLY	BATTERY PACK 9 V (12 Ah), SUPPLIED	WIRED 12 Vdc**
AVERAGE AUTONOMY*	4 YEARS	-
SUPERVISION	APPROX. EVERY 20 MINUTES	-
SOUND POWER	116 dB(A) 1 m	
RADIO RECEPTION/ TRANSMISSION	DIGITAL BIDIRECTIONAL COMMUNICATION, ON DUAL BAND FREQUENCY (433 AND 868 MHz)	-
RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS	-
TAMPER ALARM	TRANSMISSION OF TAMPER ALARM IN EVENT OF OPENING OF BOX AND/OR DETACHMENT FROM WALL AND/OR VIOLENT BREAK-IN ATTEMPTS	
PROTECTION RATING	IP 44	
OPERATING TEMPERATURE	-25 ÷ +55 °C ENVIRONMENTAL CLASS III ACCORDING TO EN50131	
DIMENSIONS (mm) (LxDxH)	211x66x307	
WEIGHT (kg)	2.5	1.5

*Variable according to the number of activations, use and type of installation.
**It requires rechargeable 12V, 2.2 Ah batteries, not included.

HSSI
INDOOR SIREN

Indoor alarm siren via radio.

Wireless technology, discreet design: easy installation, minimal visual impact.
Can be wall-mounted or, thanks to the compact dimensions, installed in concealed locations.

Highly deterrent sound power of 114 dB(A), timed at three minutes and able to signal system activation/deactivation with low intensity signals (with mute function).

Equipped with protection against opening.

CODE	DESCRIPTION
HSSI	INDOOR SIREN VIA RADIO, BATTERY-POWERED (SUPPLIED). SOUND POWER 114 dB(A)
B1,5V-C	ALKALINE BATTERY 1.5 V SIZE C

TECHNICAL SPECIFICATIONS

CODE	HSSI
POWER SUPPLY	3 ALKALINE BATTERIES 1.5 V SIZE C, SUPPLIED
AUTONOMY	APPROX. 2 YEARS
SOUND POWER	114 dB(A) 1 m
RADIO RECEPTION	DIGITAL COMMUNICATION AT FREQUENCY OF 433 MHz WITH QUARTZ CONTROL
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
OPERATING TEMPERATURE	-10 ÷ +40 °C ENVIRONMENTAL CLASS II ACCORDING TO EN50131
DIMENSIONS (mm) (LxDxH)	153x37x111
WEIGHT (g)	700

HSDID11
DETECTOR

NEW

HSDID11 opening detector with magnetic contact via radio, Dual Band; indicates opening of doors and windows.

Supervised magnetic contact for intrusion protection through doors and windows. Supplied with an auxiliary wired input (NC/NO or with pulse count function) to connect a supplementary detector, for example, movement sensors for shutters with differentiated alarm. The auxiliary input can be acquired in the control unit with dedicated radio code.

Built-in intruder sensor.

"Door open" signal function.

Possibility of connecting flood detection sensor HSDIW01.

Safe: operates with a 9 V battery and is **protected against opening and removal.**

Reliable: signal well in advance of need to replace batteries, both locally via Leds and buzzers, and by transmission via radio to control unit.

CODE	DESCRIPTION
HSDID11	MAGNETIC CONTACT DETECTOR WITH INPUT FOR SECOND CONTACT (NC/NO OR PULSE COUNT); SINGLE OR DIFFERENTIATED ALARM COMPLETE WITH SET OF SUPPORTS, BATTERY SUPPLIED. INTRUDER SENSOR. WHITE
HSDID11CB	MAGNETIC CONTACT DETECTOR WITH INPUT FOR SECOND CONTACT (NC/NO OR PULSE COUNT); SINGLE OR DIFFERENTIATED ALARM COMPLETE WITH SET OF SUPPORTS, BATTERY SUPPLIED. INTRUDER SENSOR. BROWN
B9V-B	ALKALINE BATTERY 9 V (GP1604A)

TECHNICAL SPECIFICATIONS

CODE	HSDID11	HSDID11CB
POWER SUPPLY	ALKALINE BATTERY 9 V (GP1604A), SUPPLIED	
AUTONOMY	APPROX. 2 YEARS	
SUPERVISION	APPROX. EVERY 40 MINUTES	
DISPLAY AND CONTROLS	ILLUMINATION OF THE LED CONFIRMS EACH ALARM	
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)	
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS	
PROTECTION RATING OF CASE	IP3X (INDOOR USE IN ACCORDANCE WITH EN50131)	
OPERATING TEMPERATURE	-10 ÷ +40 °C ENVIRONMENTAL CLASS II ACCORDING TO EN50131	
DIMENSIONS (mm) (LxDxH)	33x31x135	
WEIGHT (g)	120	

HSDID11CB

HSDIM10
DETECTOR

HSDIM11 infrared detector with volumetric lens via radio, Dual Band.

Supervised passive infrared detector with compact dimensions.

Detects any movement in the protected area, up to 8 m through 90°.

Dual protection: equipped with wired NC input for connection of magnetic contacts and/or detectors for shutters with differentiated alarms (volumetric/NC input).

Adjustable: the cover can be adjusted on two levels, up to 4 or 8 m. Flexible installation, 2.3 m height with protection of the area by three planes of detection.

Safe: powered by a 9 V battery, anti-tamper protection against opening and detachment.

Reliable: signal well in advance of need to replace batteries, both locally via Leds, and by transmission via radio to control unit.

Practical and comfort: the small size and corner fixing bracket guarantee an easy installation and perfect integration in various interior architectures.
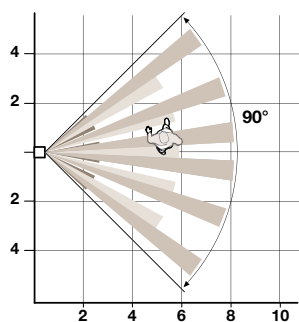
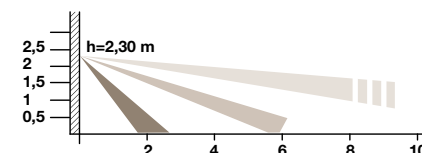| CODE	DESCRIPTION
HSDIM10	INFRARED DETECTOR WITH VOLUMETRIC LENS WITH INPUT FOR SECOND CONTACT (NC OR PULSE COUNT); SINGLE OR DIFFERENTIATED ALARM, COMPLETE WITH CORNER SUPPORT AND BATTERY SUPPLIED
HSA3	ARTICULATED ARM (PACK OF 3 PARTS)
B9V-B	ALKALINE BATTERY 9 V (GP1604A)

TECHNICAL SPECIFICATIONS

CODE	HSDIM10
POWER SUPPLY	ALKALINE BATTERY 9 V (GP1604A), SUPPLIED
AUTONOMY	APPROX. 2 YEARS
SUPERVISION	APPROX. EVERY 40 MINUTES
DISPLAY AND CONTROLS	ILLUMINATION OF THE LED CONFIRMS EACH ALARM
INHIBITION OF REDUNDANT ALARMS	2 MINUTES WITH RETRIGGER
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
PROTECTION RATING OF CASE	IP3X (INDOOR USE IN ACCORDANCE WITH EN50131)
OPERATING TEMPERATURE	−10 ÷ +40 °C ENVIRONMENTAL CLASS II ACCORDING TO EN50131
DIMENSIONS (mm) (LxDxH)	33x31x135
WEIGHT (g)	120

CORNER SUPPORT

HSA3
ARTICULATED DETECTOR ARM

COVERAGE AREA

VERTICAL VIEW

HORIZONTAL VIEW

HSDIM12
DETECTOR

HSDIM12 infrared detector with vertical curtain lens, via radio, Dual Band, to protect doors and windows.

Supervised volumetric curtain lens detector with compact dimensions for the protection of doors and windows, also outdoors (if protected) to signal movement in the narrow band in front of the sensor.
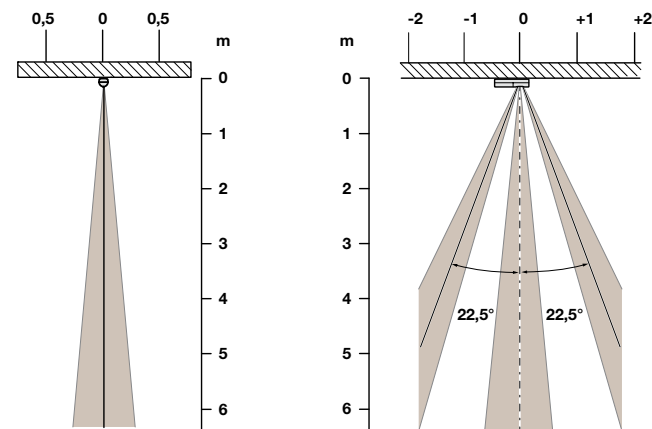
Dual protection: unique in its category, equipped with wired NC input for connection of magnetic contacts and/or detectors for shutters with differentiated alarms (volumetric/NC input).

Adjustable: possibility of adjusting coverage on two levels, up to 3 or 6 m.

Safe: operates with a 9 V battery and is **protected against opening and removal.**

CODE	DESCRIPTION
HSDIM12	INFRARED DETECTOR WITH CURTAIN LENS AND INPUT FOR SECOND CONTACT (NC OR PULSE COUNT); SINGLE OR DIFFERENTIATED ALARM, BATTERY SUPPLIED. WHITE
HSDIM12CB	INFRARED DETECTOR WITH CURTAIN LENS AND INPUT FOR SECOND CONTACT (NC OR PULSE COUNT); SINGLE OR DIFFERENTIATED ALARM, BATTERY SUPPLIED. BROWN
B9V-B	ALKALINE BATTERY 9 V (GP1604A)

TECHNICAL SPECIFICATIONS

CODE	HSDIM12	HSDIM12CB
POWER SUPPLY	ALKALINE BATTERY 9 V (GP1604A), SUPPLIED	
AUTONOMY	APPROX. 2 YEARS	
SUPERVISION	APPROX. EVERY 40 MINUTES	
DISPLAY AND CONTROLS	ILLUMINATION OF THE LED CONFIRMS EACH ALARM	
INHIBITION OF REDUNDANT ALARMS	2 MINUTES WITH RETRIGGER	
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)	
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS	
PROTECTION RATING OF CASE	IP3X (INDOOR USE IN ACCORDANCE WITH EN50131)	
OPERATING TEMPERATURE	−10 ÷ +40 °C ENVIRONMENTAL CLASS II ACCORDING TO EN50131	
DIMENSIONS (mm) (LxDxH)	33x31x135	
WEIGHT (g)	120	

HSDIM12CB

COVERAGE AREA

VERTICAL VIEW

HORIZONTAL VIEW

HSDIM23
DETECTOR

Infrared detector with volumetric lens via dual band radio, supervised and anti-masking function.

It detects movement in the protected area, up to 12 m for 100°, coverage can be adjusted on four levels.

The structure of the lens provides effective detection, thanks to 27 sectors set in five different angled planes.

Maximum security in movement detection: double control of intrusion for maximum limitation of improper alarms thereby improving safety performance.

Reliable: battery replacement warning well in advance, both locally through LED and by transmission via radio to the control unit.

Safe: self-protected against opening and removal and with anti-masking function it guarantees maximum safety against tampering.

Practical and convenient: the small size and fixing bracket guarantee an easy installation and perfect integration in various interior architectures.

CODE	DESCRIPTION
HSDIM23	INFRARED WIRELESS DETECTOR WITH VOLUMETRIC LENS, 100°, 12 m RANGE, ANTI-MASKING FUNCTION
HSA3	ARTICULATED ARM (PACK OF 3 PARTS)
B1,5V	ALKALINE BATTERY 1,5 V SIZE AA

TECHNICAL SPECIFICATIONS

CODE	HSDIM23
INFRARED RANGE	6 m - 12 m (settable with dip-switch)
LENS TYPE	VOLUMETRIC 100°
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RADIO RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS
SUPERVISION	EVERY 40 MINUTES
DISPLAY AND CONTROLS	THE RED LED LIGHTS UP TO CONFIRM EACH ALARM (CAN BE DEACTIVATED BY DIP-SWITCH)
INHIBITION OF REDUNDANT ALARMS	2 MINUTE WITH RETRIGGERS
ELECTRICAL INSULATION	CLASS III
POWER SUPPLY	3 X 1.5 V AA ALKALINE BATTERIES OR EQUIVALENT, TOTAL 4.5 Vdc
CONSUMPTION	40 µA A STANDBY, 80 µA WITH ANTI-MASKING ACTIVE, 80 mA IN TRANSMISSION
AUTONOMY	ESTIMATED 2 YEARS, WITH FLAT BATTERY SIGNAL
PROTECTION RATING OF CASE	IP3X (INDOOR USE IN ACCORDANCE WITH EN50131)
OPERATING TEMPERATURE	-10°C - +40 °C (ENVIRONMENTAL CLASS II ACCORDING TO EN50131)
DIMENSIONS (mm) (LxDxH)	66x134x65
WEIGHT (g)	260

COVERAGE AREA

Infrared sensor sensitive area - HORIZONTAL VIEW
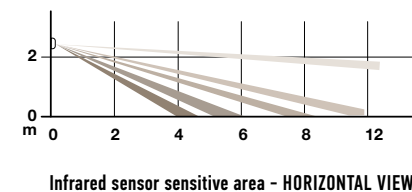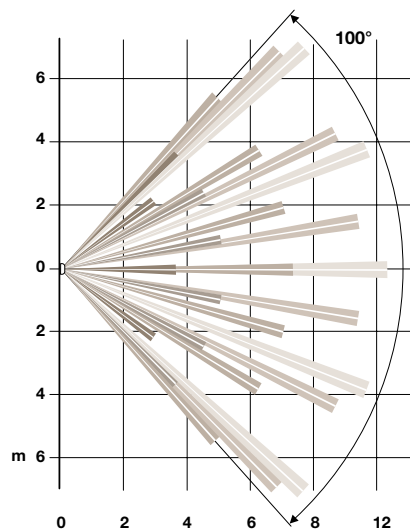
HSDIM24
DETECTOR

NEW

Volumetric movement detector dual technology (infrared + microwave), via dual band radio, supervised with anti-masking function.

It detects movement in the protected area, up to 12 m for 100°, coverage can be adjusted on four levels.

The structure of the lens provides effective detection, thanks to 27 sectors set in five different angled planes.

Maximum security in movement detection: double control of intrusion for maximum limitation of improper alarms thereby improving safety performance.

Reliable: battery replacement warning well in advance, both locally through LED and by transmission via radio to the control unit.

Safe: self-protected against opening and removal and with anti-masking function it guarantees maximum safety against tampering.

Practical and convenient: the small size and fixing bracket guarantee an easy installation and perfect integration in various interior architectures.

CODE	DESCRIPTION
HSDIM24	INFRARED WIRELESS DETECTOR WITH VOLUMETRIC LENS, 100°, 12 m RANGE, ANTI-MASKING FUNCTION
HSA3	ARTICULATED ARM (PACK OF 3 PARTS)
B1,5V	ALKALINE BATTERY 1,5 V SIZE AA

TECHNICAL SPECIFICATIONS

CODE	HSDIM24
INFRARED RANGE	6 m - 12 m (SETTABLE WITH DIP-SWITCH)
LENS TYPE	VOLUMETRIC 100°
FREQUENCY	10,58 GHz
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RADIO RANGE	100 m IN OPEN SPACE WITHOUT INTERFERENCE, 20 m INSIDE BUILDINGS
SUPERVISION	APPROX. EVERY 40 MINUTES
DISPLAY AND CONTROLS	THE RED LED LIGHTS UP TO CONFIRM EACH ALARM (CAN BE DEACTIVATED BY DIP-SWITCH)
INHIBITION OF REDUNDANT ALARMS	2 MINUTES WITH RETRIGGER
ELECTRICAL INSULATION	CLASS III
POWER SUPPLY	3 X 1.5 V AA ALKALINE BATTERIES OR EQUIVALENT, TOTAL 4,5 Vdc
CONSUMPTION	66 µA IN STANDBY, 110 µA WITH ANTI-MASKING ACTIVE, 80 mA IN TRANSMISSION
AUTONOMY	ESTIMATED 2 YEARS, WITH FLAT BATTERY SIGNAL
PROTECTION RATING OF CASE	IP3X (INDOOR USE IN ACCORDANCE WITH EN50131)
OPERATING TEMPERATURE	–10°C - +40 °C (ENVIRONMENTAL CLASS II ACCORDING TO EN50131)
DIMENSIONS (mm) (LxDxH)	66x134x65
WEIGHT (g)	260

COVERAGE AREA
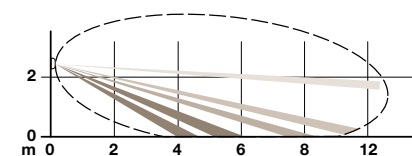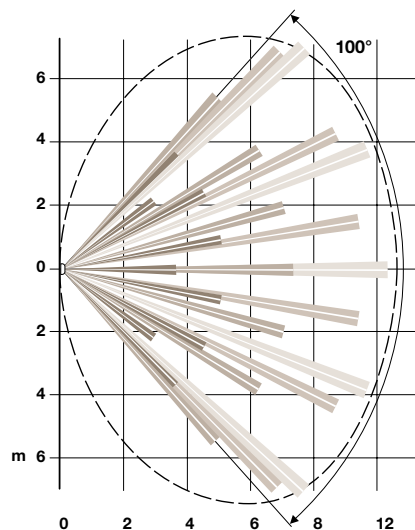
Infrared sensor sensitive area – HORIZONTAL VIEW

HSDOM21/HSDOM22
OUTDOOR DETECTORS

Dual technology volumetric detector, via radio, for outdoor use.

Self-protected against opening and removal.

Maximum safety in movement detection: dual control of intrusion for maximum limitation of improper alarms thereby improving safety performance, with virtual immunity to transit of small animals thanks to the special lens profile.

Reliable: signal well in advance of need to replace batteries, both locally via Leds or acoustic "Beeps", and by transmission via radio to control unit.

HSDOM21 supervised dual technology (infrared + microwave) volumetric movement detector; with adjustment of sensitivity and infrared pulses.

Detects any movement in the protected area, up to 12 m through 90°.

HSDOM22 supervised dual technology volumetric detector via radio.

Detects any movement in the protected area, up to 20 m through 90°.

Efficient barrier effect thanks to the special PIR lens that enables a thin infrared beam up to 20 m.

Test and temperature compensation function.

| CODE	DESCRIPTION
HSDOM21	WIRELESS DUAL TECHNOLOGY VOLUMETRIC DETECTOR, BATTERIES SUPPLIED. OUTDOOR, UP TO 12 m THROUGH 90°
HSDOM22	WIRELESS DUAL TECHNOLOGY VOLUMETRIC DETECTOR, BATTERIES SUPPLIED. OUTDOOR, UP TO 20 m THROUGH 90°
HSA3	ARTICULATED ARM (PACK OF 3 PARTS)
B1,5V	ALKALINE BATTERY, 1.5 V SIZE AA

TECHNICAL SPECIFICATIONS

CODE	HSDOM21	HSDOM22
POWER SUPPLY	3 ALKALINE BATTERIES, 1.5 V SIZE AA, SUPPLIED	
AUTONOMY	AVERAGE ESTIMATED AT LONGER THAN 2 YEARS	
SUPERVISION	APPROX. EVERY 40 MINUTES	
DISPLAY AND CONTROLS	TWO-COLOUR LED FOR IR, MW AND ALARM CONFIRMATION SIGNALS. BUZZER FOR ACOUSTIC SIGNALS	
TECHNOLOGY USED	PASSIVE INFRARED DETECTION CONFIRMED BY DOPPLER EFFECT MICROWAVE DETECTOR	
ADJUSTMENTS	2 RANGE LEVELS, TEMPERATURE COMPENSATION; MICROWAVE DETECTOR SENSITIVITY AND ACTIVATION TIME	
INHIBITION OF REDUNDANT ALARMS	2 MINUTES WITH RETRIGGER	
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)	
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS	
PROTECTION RATING OF CASE	IP 65	
OPERATING TEMPERATURE	–25 ÷ +55 °C (ENVIRONMENTAL CLASS II ACCORDING TO EN50131)	
DIMENSIONS (mm) (LxDxH)	84X49X158	
WEIGHT (g)	430	

COVERAGE AREA

HSDOM21
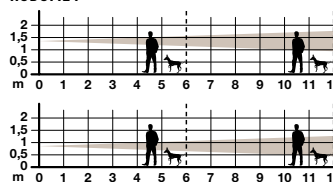
Infrared sensor sensitive area –
LATERAL VIEW
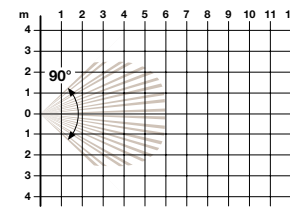
Infrared sensor sensitive area –
OPERATING TEMPERATURE

Infrared sensor sensitive area –
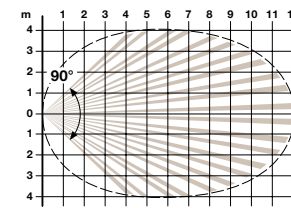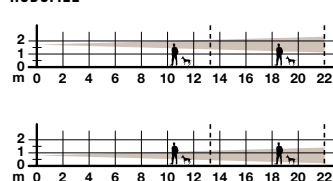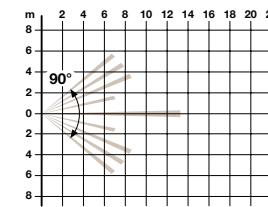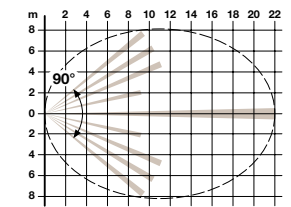**OPERATING TEMPERATURE**

HSDOM22

Infrared sensor sensitive area –
LATERAL VIEW

Infrared sensor sensitive area –
OPERATING TEMPERATURE

Infrared sensor sensitive area –
OPERATING TEMPERATURE

HSDID01
DETECTOR

**HSDID01 microphone detector
via radio of glass breakage.**

**Equipped with microphone device which detects
the sound frequencies produced by glass breakage:**
thus useful for integrating the protection
of doors and windows such as shop windows.

Protection against opening of the housing; operates
with one standard 9 V battery with a lifetime of approx. 2 years,
depending on conditions.

Alarm log via Leds (flashing for 60 s).

CODE	DESCRIPTION
HSDID01	MICROPHONE DETECTOR OF GLASS BREAKAGE, BATTERY SUPPLIED
B9V–B	ALKALINE BATTERY 9 V (GP1604A)

TECHNICAL SPECIFICATIONS

CODE	HSDID01
POWER SUPPLY	ALKALINE BATTERY 9 V (GP1604A), SUPPLIED
AUTONOMY	APPROX. 2 YEARS
DISPLAY AND CONTROLS	SYSTEM RUNNING TEST AND ALARM VIA LEDS
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
OPERATING TEMPERATURE	-10 ÷ +40 °C
DIMENSIONS (mm) (LxDxH)	108x80x43
WEIGHT (g)	166

HSDIW01
DETECTOR

HSDIW01 flood detector sensor.

Detects the presence of liquids at a set height, activating
transmission to the control unit and/or radio receiver.

Easy to install: connected with 2 wires to the terminal
NO of the HSDID11 detector.

CODE	DESCRIPTION
HSDIW01	FLOOD DETECTOR SENSOR

TECHNICAL SPECIFICATIONS

CODE	HSDIW01
POWER SUPPLY	REQUIRES CONNECTION TO SENSOR HSDID11
OPERATING TEMPERATURE	-20 ÷ +55 °C
DIMENSIONS (mm) (LxDxH)	35x15x80
WEIGHT (g)	120

HSDIS01
DETECTOR

HSDIS01 Dual Band smoke detector via radio.

Detects any concentrations of fine volatile powder caused
by incipient fires, by photo-optical analysis of the air,
with local alarm signal by means of a buzzer and the on-board
Led, and simultaneous transmission of alarm signal via radio
to the control unit and/or receiver.

Control and self-diagnostics: equipped with a device
to indicate any operating faults caused by dust in the air
and consequent deposits on the sensitive element.

Alarm signal via Led and buzzer.

CODE	DESCRIPTION
HSDIS01	SMOKE DETECTOR, BATTERY SUPPLIED
B9V–B	ALKALINE BATTERY 9 V (GP1604A)

TECHNICAL SPECIFICATIONS

CODE	HSDIS01
POWER SUPPLY	ALKALINE BATTERY 9 V (GP1604A), SUPPLIED
AUTONOMY	APPROX. 2 YEARS
SUPERVISION	APPROX. EVERY 40 MINUTES
DISPLAY AND CONTROLS	SIGNALLING VIA LEDS AND ACOUSTIC BUZZER
PROTECTED VOLUME	STANDARD 6X6 m 3 m HEIGHT; LARGER OR NON-SQUARE ROOMS REQUIRE MORE DETECTORS
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
OPERATING TEMPERATURE	-20 ÷ +55 °C
DIMENSIONS (mm) (∅xA)	106x60
WEIGHT (g)	100

HSTXS1
TRANSMISSION BOARD

**HSTXS1 radio transmission board for alarms,
universal,** for alarm signals to the control units
and receivers in the NiceHome System range.

The compact dimensions and battery-powered operation
make this transmission module **the ideal solution to integrate
any detector with control units and receivers
in the NiceHome System range.**

It can be housed in wired detectors and send alarm and tamper
signals via radio.

It also sends low battery and supervision signals
to the control unit.

CODE	DESCRIPTION
HSTXS1	RADIO TRANSMISSION BOARD FOR ALARMS, UNIVERSAL

TECHNICAL SPECIFICATIONS

CODE	HSTXS1
POWER SUPPLY	1 ALKALINE BATTERY LR61 9V, SUPPLIED
AUTONOMY	DEPENDS ON CONSUMPTION OF DETECTOR USED AND THE NUMBER OF ALARM SIGNALS TRANSMITTED. (BOARD CONSUMPTION: 5 uA ON STAND BY - 40 mA IN ALARM CONDITIONS)
SUPERVISION	APPROX. EVERY 40 MINUTES
CHECKS	BATTERY DISCHARGED
RADIO TRANSMISSION	DIGITAL COMMUNICATION ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
OPERATING TEMPERATURE	-20 ÷ +55 °C
DIMENSIONS (mm) (LxDxH)	98x26x20
WEIGHT (g)	40

HSTT2
MINIATURISED RECEIVER

**HSTT2 miniaturised recessed receiver, 433 MHz,
for control of electrical loads and motors
for the automation of shutters.**

HSTT2L can be used alongside any electric switch/switching
device, with a load up to 3 A 230 V, for management via radio
of commands sent by the NiceHome system for turning on lights,
heating and irrigation systems, boilers and all Nice automations
for gates, garage doors, awnings and shutters (HSTT2N).

Ultra-compact: installable in confined spaces or recessed
in a standard 503 box, this device is compatible with any type
of front plate, safeguarding the aesthetics of installation.

Input for connection of an external wired switch.

ULTRA COMPACT
DIMENSIONS:
JUST 18x33x40 mm

CODE	DESCRIPTION
HSTT2L	1-CHANNEL MINIATURISED RADIO RECEIVER TO CONTROL ELECTRIC LOADS
HSTT2N	2-CHANNEL MINIATURISED RADIO RECEIVER TO CONTROL ELECTRIC MOTORS IN THE TWO DIRECTIONS (OPEN, CLOSE) FOR ROLLING SHUTTERS AND BLINDS

TECHNICAL SPECIFICATIONS

CODE	HSTT2L	HSTT2N
POWER SUPPLY	120 OR 230 Vac, 50/60 Hz, LIMITS: 100 ÷ 255 Vac	
MAXIMUM OUTPUT POWER	3 A	
RADIO TRANSMISSION	DIGITAL COMMUNICATION AT FREQUENCY OF 433 MHz WITH QUARTZ CONTROL	
OPERATING TEMPERATURE	-20 ÷ 55 °C	
DIMENSIONS (mm) (LxDxH)	18x33x40	
WEIGHT (g)	20	

HSRE12
INTERFACE

**HSRE12 Dual Band radio receiver interface
for expansion of wired systems.**

Dual Band radio receiver for the expansion of wired alarm systems by means of radio devices in the NiceHome System range (detectors, control units, keypads and transmitters).

Maximum installation flexibility: the ideal solution to expand the protection area to outside areas difficult to access with wiring (e.g. garages, porticoes), facilitating installation especially in the case of expanding an existing system.

The receiver is fitted with 16 voltage-freerelay outputs:
• 12 outputs for switching alarm radio signals sent by detectors and commands sent by keypads and transmitters;
• 4 outputs for switching technical alarms (tamper, low battery and detector supervision) and signals of possible radio disturbance.

Compatible with all radio equipment and peripherals in the NiceHome System range, HSRE12 identifies, memorises and supervises up to 32 devices:
• indoor and outdoor presence detectors;
• magnetic contacts for doors and windows;
• technical detectors: flooding and smoke;
• keypads and remote controls (for remote control of electrical devices, automations and lighting).

12 Vdc power supply from control unit, or other device connected to the receiver.

Facilitated wire connections via easily accessible terminal boards.

Maximum safety guaranteed by the continuous supervision of peripherals and signalling of any malfunctions via the 16 Led indicators available, memorising the operation of each output and performing complete checks and permanent tests of the system. The antiscanner function checks for the presence of possible radio disturbance.

Signals via Leds and buzzer, with adjustable levels and mute function.

CODE	DESCRIPTION
HSRE12	DUAL BAND RECEIVER FOR EXPANSION VIA RADIO OF CABLE SYSTEMS. 32 RADIO PERIPHERALS THAT CAN BE MEMORISED, 16 CABLE OUTPUTS, 4 OF WHICH FOR TECHNICAL SIGNALS

TECHNICAL SPECIFICATIONS

CODE	HSRE12
POWER SUPPLY	12 Vdc
ABSORPTION	60 mA
DISPLAYS	16 LED
RADIO RECEIVER	DUAL BAND 433 MHz, 868 MHz
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
DEVICE MEMORY CAPACITY	32 (NICE HOME SYSTEM ENCODING)
OUTPUTS	16 OUTPUTS WITH VOLTAGE-FREE CONTACTS (12 ALARM SIGNALS + 4 FAULT SIGNALS) - NC/NO - MONOSTABLE, BISTABLE OR TIMED
OPERATING TEMPERATURE	-10°C ÷ +40°C
PROTECTION RATING	IP 32
DIMENSIONS (mm) (LxDxH)	161x110x30
WEIGHT (g)	400

HSRT
RADIO REPEATER

HSRT radio signal repeater/amplifier, 230 V.

Ideal for difficult environments
where the radio range is reduced due to long distances
and/or internal partitions in special materials (reinforced concrete
or stone), HSRT receives and repeats on Dual Band frequency
all the radio signals typical of a NiceHome alarm system, enabling
significant improvements to range.

Flexible: equipped with a power failure indicator and two
voltage free inputs (one NO and one NC) for wired connections
of other sensors.
All events are transmitted to the control unit.

CODE	DESCRIPTION
HSRT	RADIO SIGNAL REPEATER/AMPLIFIER, 230 V, SUPPLIED WITH BACK-UP BATTERY
B6V-A	LEAD BATTERY 6 V (1.2 Ah)

TECHNICAL SPECIFICATIONS

CODE	HSRT
POWER SUPPLY	230 Vac
BACKUP POWER SUPPLY	WITH RECHARGEABLE LEAD BATTERY 6 V 1.2 Ah (SUPPLIED)
AUTONOMY IN EVENT OF POWER	APPROX. 3 DAYS
DISPLAYS	GREEN LED TO INDICATE POWER ON - RED LED TO INDICATE TRANSMISSION AND SYSTEM ACTIVATION
RADIO RECEPTION/TRANSMISSION	DIGITAL BIDIRECTIONAL COMMUNICATION, ON DUAL BAND FREQUENCY (433 AND 868 MHz)
RADIO RANGE	100 m IN OPEN FIELD FREE OF DISTURBANCE OR APPROX. 20 m INSIDE BUILDINGS
OPERATING TEMPERATURE	-10 ÷ +40 °C
DIMENSIONS (mm) (LxDxH)	170x52x93
WEIGHT (Kg)	1.2

HSMO
TELESERVICE MODEM

**HSMO Teleservice - Telemanagement modem
for HSCU control units.**

Remote control: by means of the Teleservice modem connected
to a land line and local PC the installer has remote control
of the NiceHome HSCU control units, to read the event log
and perform all programming and modification procedures
by phone as if on location.

HSMO is **simple to use** and fundamental for the advanced
installer, to improve customer services, avoiding burdensome
and costly on-site intervention.

CODE	DESCRIPTION
HSMO	MODEM FOR HSCU CONTROL UNITS COMPLETE WITH PROGRAMMING SOFTWARE AND CABLE FOR DIRECT PC-MODEM CONNECTION; OPTIONAL BACK-UP BATTERY (NOT INCLUDED)
B6V-A	LEAD BATTERY 6 V (1.2 Ah) WITH BACK-UP FUNCTION (OPTIONAL)
HSA1	CABLE AND SOFTWARE FOR DIRECT CONTROL UNIT-PC CONNECTION

TECHNICAL SPECIFICATIONS

CODE	HSMO
POWER SUPPLY	230 V, 50/60 Hz
ABSORBED POWER	< 0.9 W ON STAND BY; < 4 W DURING BATTERY RECHARGING
BACKUP POWER SUPPLY	WITH RECHARGEABLE LEAD BATTERY 6 V 1.2 Ah (SUPPLIED)
AUTONOMY IN EVENT OF POWER FAILURE	APPROX. 3 DAYS ACCORDING TO INTENSITY OF USE
PSTN INTERFACE	CONNETTORE RJ11
USB INTERFACE	TYPE B CONNECTOR, USB COMPATIBLE REV.1.1
PROTECTION RATING	IP40 (WITH CONTAINER INTACT)
OPERATING TEMPERATURE	-10 ÷ 40 °C
DIMENSIONS (mm) (LxDxH)	162X120X83 (CABLES NOT INCLUDED)
WEIGHT (g)	700

NICE IS THE SIMPLEST INTEGRATION/ THE WIDEST RANGE/THE BEST CONTROL ELECTRONICS/THE FINEST DESIGN/THE MOST AMAZING AUTOMATION ALL TOGETHER!

GATE&DOOR
Systems for the automation of gates, garage doors and barriers.

SCREEN
Systems for the automation of blinds, awnings and sun screens. The easiest way to get the right light.

INDUSTRIAL DOORS
Systems for the automation of industrial applications: sectional and rolling doors, high speed doors and dock levellers.

PARK SYSTEMS
Systems for the management of off-street car-parks. Versatile, flexible and complete. Born fully grown!

HOME SYSTEMS
Integrated management of home alarm and automation systems.

Find out more about Nice products and services on the website:
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