

**The right words are:
wireless
and fully 2-way**

**The One and Only
FULLY 2-WAY
Wireless Security System**

BITECH - FULLY 2-WAY WIRELESS SYSTEM

The BiTech logo is centered in the lower half of the image. It consists of the word "BiTech" in a blue, serif font. A yellow, stylized swoosh or speech bubble shape surrounds the text, with a registered trademark symbol (®) at the bottom right of the word.



SICEP, a leader for over 30 years in the project and manufacture of security systems and radio frequency devices, has developed an innovative wireless system, fully two-way, called **BiTech**. The principle of two-way communication, as well as being a novelty in wireless systems, guarantees and ensures reliability like a wired system.

Synchronous protocol of communication GFSK

The communications between wireless devices and the panel control are through a synchronous protocol with dynamic encryption at high speed; this technology enables:

- Absence of collisions
- High-speed communication
- Distribution of controlled traffic
- No reset time
- High immunity to disturbance
- Low power consumption

Recognition System of radio sabotages

The technology used allows the system BiTech to recognize immediately attempts of sabotages on the radiofrequency, monitored it continuously and generating an alarm in case of prolonged disturbance (set time from 1 to 10 minutes).

Supervision absent

There is not the supervision of the detectors in the BiTech system. The panel control is able to constantly monitor their presence through a constant process of synchronization. This allows to recognize immediately the absence of a radio device, after a programmable time from 30 to 120 minutes.

No reset time

Thanks to technology BiTech the detectors do not have time to reset, but are always on, ensuring a reliability of the system like a wired.

Using REP

The **BiTech** system allows the use of repeaters REP (230 Vac powered with batteries) to easily link the detectors placed in critical areas. The repeaters can be connected together in cascade (up to 2 jumps).

Programming remote and local

The programming of all parameters is possible in a simple and intuitive using the software SICEP MVC. Using the bi-directional technology, the wireless devices can be configured, monitored and controlled from PC. This procedure can be done either locally or remotely, via PSTN, GSM or ADSL (with IP static and dynamic).

Interrogation of the devices and statistics

Is possible to verify the quality of radio signal, the connections and the battery level using an interrogation procedure. There is also a special page on the statistics of transmission to verify the correct operation of each wireless device connected to the system.

Synoptic

The programming software MVC allows an instant view of all the information about the general state of the system: status of the partitions, of the wired zones (active, alert, not included), the connection of the wireless devices, the level of radio signal, outputs and service information (battery, mains presence, phone line, state of the connections of the RS485 bus, etc..).

DTMF Commands

Is possible to manage, thanks to a menu with a voice, the system remotely via telephone.

The operations that can be carried out:

1. Know the status of areas and modify it (arming total, perimetral, disarm the system)
2. Enable the outputs to do some commands

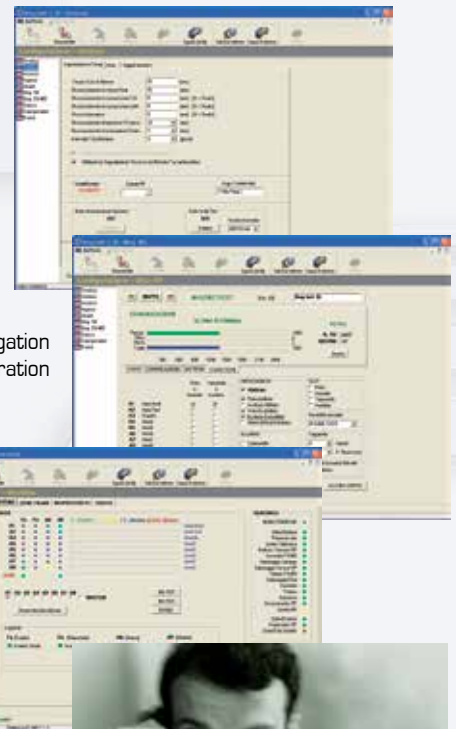
Environment listening and Viva-voice system

With password enabled is possible to activate the listen-in and viva-voice system; the panel control has to have at least one keypad Mod BT-KPA (max 2, addressable) and the module Mod BT-MF.

Multiple communication vectors

The BiTech centrals of alarm can send the informations using different vectors of communication:

1. Digital telephone line (protocol Contact ID and Voice Messages)
2. LAN (sending E-mail and bidirectional communication with software SICEP for managing alarms)
3. GSM / GPRS (in Data for SICEP software, SMS text and voice)



CENTRAL UNIT

BT-436

4 inputs wired

4 outputs

28 wireless zones + 4 REP (integrated module)

- 4 inputs wired (Balanced, CN, NO).
- 4 outputs OC type (static or impulsive).
- 1 transceiver integrated for 32 zones in fully two-way wireless technology with GFSK modulation (freq 868Mhz with 3 selectable channels) to manage 28 devices and 4 Rep with the possibility of double jump.
- 4 independent partitions (with multiple insert option).
- 4 wired keypads BT-KPA/BT-KPE (12 codes with 5 numbers).
- 4 key readers BT-KR.
- 16 keys BT-KEY.
- 4 wired proximity readers BT-PRX.
- 28 wireless proximity readers BT-PRW.
- 16 proximity card or tag.
- 2 wireless sirens BT-SIR.
- 1 output for outdoor siren.
- Weekly scheduler with 4 hours for arm and disarm each partition and management of the calendar holidays (12 fixed and 12 free dates).
- Ronda area with automatic rearm.
- Time to enter and exit programmable separately for each partition.
- 1 integrated telephone communicator with digital protocol (Contact ID) or voice messages (with optional module BT-MF).
- 8 telephone numbers set (including 1 for Central Station and 1 for remote assistance).
- 1 interface on BUS485.
- 1 modem PSTN for remote access (optional BT-MDA).
- 1 LAN card (optional BT-LAN).
- 1 GSM / GPRS module (optional BT-GSM).
- Log of all events (max 256) checked by the wired keypad or PC.
- Voice menu with DTMF commands by remote.
- Environment listening and Viva-voice system with 2 selectable channels (with keyboard BT-KPA).
- ABS plastic case with tamper against opening and removal.
- Ability to plan and monitor the system, with password, using MVC software locally, with a serial connection, or by remote (via modem or LAN).



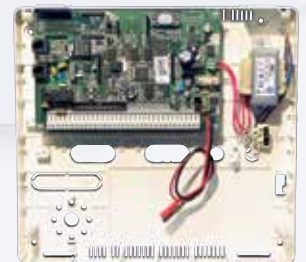


THE ONE AND ONLY FULLY 2-WAY W

BT-887

8 inputs wired (expandable to 24)
8 outputs (expandable to 24)
55 wireless zones + 8 REP (with optional module)

- 8 inputs wired (Balanced, CN, NO).
- 8 outputs OC type (static or impulsive).
- Expandable up to 24 in / out using No. 2 cards BT-EX8 connected on RS485 bus.
- 1 transceiver optional for 63 zones in fully two-way wireless technology with GFSK modulation (freq 868Mhz with 3 selectable channels) to manage 55 devices and 8 Rep with the possibility of double jump.
- 8 independent partitions (with multiple insert option).
- 8 wired keypads BT-KPA/BT-KPE (12 codes with 5 numbers).
- 8 key readers BT-KR.
- 32 keys BT-KEY.
- 8 wired proximity readers BT-PRX.
- 55 wireless proximity readers BT-PRW.
- 32 proximity card or tag.
- 8 wireless sirens BT-SIR.
- 1 output for outdoor siren.
- Weekly scheduler with 4 hours for arm and disarm each partition and management of the calendar holidays (12 fixed and 12 free dates).
- Ronda area with automatic rearm.
- Time to enter and exit programmable separately for each partition.
- 1 integrated telephone communicator with digital protocol (Contact ID) or voice messages (with optional module BT-MF).
- 8 telephone numbers set (including 1 for Central Station and 1 for remote assistance).
- 1 interface on BUS485.
- 1 modem PSTN for remote access (optional BT-MDA).
- 1 LAN card (optional BT-LAN).
- 1 GSM / GPRS module (optional BT-GSM).
- Log of all events (max 256) checked by the wired keypad or PC.
- Voice menu with DTMF commands by remote.
- Environment listening and Viva-voice system with 2 selectable channels (with keyboard BT-KPA).
- ABS plastic case with tamper against opening and removal.
- Ability to plan and monitor the system, with password, using MVC software locally, with a serial connection, or by remote (via modem or LAN).



WIRELESS SECURITY SYSTEM

BT-15159

8 inputs wired (expandable to 96)
8 outputs (expandable to 96)
55 wireless zones + 8 REP (with optional module)

- 8 inputs wired (Balanced, CN, NO).
- 8 outputs OC type (static or impulsive).
- Expandable up to 96 in / out using No. 11 cards BTEX8 connected on RS485 bus.
- 1 transceiver optional for 63 zones in fully two-way wireless technology with GFSK modulation (freq 868Mhz with 3 selectable channels) to manage 55 devices and 8 Rep with the possibility of double jump.
- 15 independent partitions (with multiple insert option).
- 15 wired keypads BT-KPA/BT-KPE (12 codes with 5 numbers).
- 8 key readers BT-KR.
- 2 keys BT-KEY.
- 8 wired proximity readers BT-PRX.
- 55 wireless proximity readers BT-PRW.
- 32 proximity card or tag.
- 8 wireless sirens BT-SIR.
- 1 output for outdoor siren.
- Weekly scheduler with 4 hours for arm and disarm each partition and management of the calendar holidays (12 fixed and 12 free dates).
- Ronda area with automatic rearm.
- Time to enter and exit programmable separately for each partition.
- 1 integrated telephone communicator with digital protocol (Contact ID) or voice messages (with optional module BT-MF).
- 8 telephone numbers set (including 1 for Central Station and 1 for remote assistance).
- 1 interface on BUS485.
- 1 modem PSTN for remote access (optional BT-MDA).
- 1 LAN card (optional BT-LAN).
- 1 GSM / GPRS module (optional BT-GSM).
- Log of all events (max 2.000) checked by the wired keypad or PC.
- Voice menu with DTMF commands by remote.
- Environment listening and Viva-voice system with 2 selectable channels (with keyboard BT-KPA).
- ABS plastic case with tamper against opening and removal.
- Ability to plan and monitor the system, with password, using MVC software locally, with a serial connection, or by remote (via modem or LAN).





Technical specifications

	BT-436	BT-887	BT-15159
Power supply:	220-230Vac 50Hz / 13,8Vcc, with transformer 25VA		
Battery	12V, 2,5Ah max.	12V, 7,5Ah max.	
Power consumption at 230V:	60mA typical, with two wired keypads connected; 70mA with two keypads connected and GSM transmission		
Power consumption at 12V:	350mA with two wired keypads connected; 500mA with two keypads connected and GSM transmission		
Partitions	4 independents	8 independents	15 independents
	Configurable time of entry, exit, auto-arming. Ronda area with automatic rearm. Management of common zones with two types of arming (normal, Master)		
Types of arming	Two for each area: Total and Perimetral. Management Exclusion zones in Alarm, Programmable reinclusion		
Scheduler	4 hours of arming/disarming for each partitions on a weekly basis		
Wired Zone	4 zones	8 zones expandable to 24	8 zones expandable to 96
	Impedance 100KOhm, configurable NC, NO or double-balanced, immediate / delayed; Panic / Emergency / Fire, 24H, insertion area.		
Remote Output	4 outputs	8 outputs expandable to 24	8 outputs expandable to 96
	Open collector to GND, 100mA max.; Static or monostable		
Other outputs	<ul style="list-style-type: none"> - No.3 +12 VDC power supply for external devices; 800mA max current total - No.1 for outdoor siren, max. 70mA - No.1 for indoor siren - Siren alarm relay, exchange free NO / NC / COM, 5A 		
Check battery	Continuous monitoring voltage		
Dynamic Test Battery	no	Yes, programmable 1/5/10/20/30 every day	
Check voltage	Check continuous of voltage		
Opening the case	Test continuous for opening case		
Tamper	Yes		
Interfaces	<ul style="list-style-type: none"> - BUS RS485 (4 wires) for connecting optional devices - Serial port for programming MVC - Removable terminal block 		
I / O Expansions add.	0	2	11
Wired Keypads	4	8	15
Keys readers	4	8	8
Keys	16	32	2
Wired proxi readers	4	8	8
Proxi Card / Tag	16	32	32
Outdoor wireless siren	2	8	8
Radio protocol	SICEP BiTech radio network (proprietary protocol) with integrated module 868MHz, 3 selectable channels		
Wireless devices BiTech	28 + 4 REP	55 + 8 REP	55 + 8 REP
Log of the events	254	254	2000
Other optional equipment	<ul style="list-style-type: none"> - Ethernet - Modem card for remote programming by telephone line - Voice card for messages recorded - GSM / GPRS module 		
N ° devices BUS485	8 + GSM	17 + GSM	27 + GSM
SIM Type	SIM Dati M2M, SIM Voice (contract or pre-paid)		

LED signals	<ul style="list-style-type: none"> - Mains - Power - Low battery - Receiving a valid signal - Tx / Rx radio 868MHz - GSM state. 		
Other	<ul style="list-style-type: none"> - Clock with automatic remittance summer / winter time - Protection on the current output terminal (self-resetting fuse) - Configuration panel control from PC - Configuration of wireless devices using the same panel control - Firmware upgradeable from PC - Programmation local or remote 		
Operating environment temperature	from -10 ° to +55 ° C, humidity 20% to 80%		
Box protection	IP41	IP30	IP30
Dimensions	31 x 20 x 8,5 cm	31 x 30 x 9,5 cm	
Weight	1,5Kg without battery 2,6Kg with battery 2Ah	1,5Kg without battery 4Kg with battery 7,2Ah	

ACCESSORIES

SW-MVC

Programming Software

- Application programming software.
- Compatible with Windows 98, NT4, 2000, XP, Vista, 7
- Client software to connect locally or remotely.
- Possibly to save the settings with the creation of a technical file.



BT-EX8/2

Expansion 8 IN-OUT

- Allow to add to the Control Units (BT-887/15159) additional 8 inputs (NC, NO or balanced) and 8 outputs (open collector static or pulsed), using the bus RS485.
- Inputs and outputs are fully programmable.
- Possibility of remote wiring of the RS485 bus expansions up to a maximum distance of 200m.
- Tamper independent.



BT-RX63/B

868MHz radio interface

- 868MHz radio transceiver module for Control Units BT-887/15159.
- Allows to manage in fully two-way with BiTech technology up to 55 wireless devices and 8 repeaters (REP) with the possibility of double jump.
- Modulation GFSK.
- 3 selectable radio channels.
- Serial Number ID present in each control unit; it allows each radio device to work only with the system where it was recorded.
- Possibility of using a diagnostic tool to test the quality of the radio link of each device or repeater (REP).
- View real-time status of all devices connected radio.
- Complies with European recommendations for the free use of radio systems (R & TTE, CEPT ERC / REC 10-03)



BT-MDA

Remote control modem

- Modem card to program by remote the BiTech Control Units using the analog line.
- Remote access is password protected.
- Bypass function answering machine



BT-LAN

Ethernet Interface

- Communication module Ethernet TCP-IP for BiTech Control Units.
- Allows to send alarm signals and the remote management using the network LAN connection with static and dynamic IP.
- Managing DHCP to obtain IP configuration parameters immediately from the router.
- Ability to send all reports to 4 e-mail addresses.
- Connection bidirectional by LAN (only with software Sicep for managing alarms).



BT-GSM

GSM/GPRS module

- GSM / GPRS module to connect with BiTech Control Units on Bus 485.
- Integrated antenna on the module.
- SMA connector for antenna Extrenal.
- 2 LEDs for the information of Tx/Rx data.
- Quality of the GSM signal on the module and by software SW-MVC.
- Programming of the BiTech Control Units by remote.
- Use of SIM Data M2M or Voice (contract or pre-paid):

SIM Data M2M:

It uses the Sicep protocol GPRS or ShortMessage MVS (both Contact ID); these are only compatible with SICEP Central Stations; the device is completely bidirectional.

SIM Voice (contract or pre-paid):

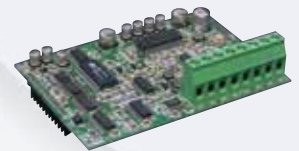
allows to send pre-recorded messages to the numbers set (with BT-MF module), to send SMS messages in text format or in ShortMessage MVS protocol (only for SICEP Central Stations in bidirectional way), the listening environment (with module BT-MF and keypad BT-KPA), the management of the remaining credit/expiry SIM and the enable of commands using DTMF.



BT-MF

Voice module

- Voice module for BiTech Control Units; it allows to send a series of pre-recorded messages to telephone numbers set.
- To record and listen the messages is necessary the wired keypad mod. BT-KPA.
- It allows to enable the "Reminder" function into the wired keypad (only BT-KPA).



BT-KPA

Wired Keypad with LCD blue display

- Wired keypad with backlit LCD display.
- 40 characters across 4 lines with a blue background and white characters.
- Control of a single or all partitions of the system.
- Connection to the panel via RS485.
- Function keys dedicated to the main operations.
- Option disarming the system with coercion.
- Viewing the event log.
- Allows to record the voice messages.
- The keypad allows, with the module mod. BT-MF, the function of listening and viva-voice.
- Function "Reminders": possibility to record and listen the messages stored in the keypad.
- Complete of tamper against opening and removal



BT-KPE

Wired Keypad with LCD green display

- Wired keypad with backlit LCD display.
- 40 characters across 4 lines with a green background and white characters.
- Control of a single or all partitions of the system.
- Connection to the panel via RS485.
- Function keys dedicated to the main operations.
- Option disarming the system with coercion.
- Viewing the event log.
- Complete of tamper against opening and removal



ACCESSORIES

BT-PRX

Wired proximity reader

- Wired proximity reader for indoor.
- Connection to the panel via RS485.
- Managing of proxi Tag or card.
- Reading distance 10mm.
- There are 4 touch-sensitive buttons backlit with colored LED to perform various operations.
- Dedicated function keys for: total arming, perimeter, disarming, unlock doors.
- Status indication by LED.
- Equipped with buzzer and relay output (6A mounted on the motherboard).
- Complete of tamper against opening and removal.



BT-KR

Key reader

- Connection to the panel via RS485.
- System management through the use of BT-KEY with high security.
- Possibility to program the reader for the management of a single or all partitions of the system.
- 2 types of arming when using common zones between different partitions (Normal or Master).
- Key false recognition.
- Simple and intuitive interface with 3-color LED.



BT-KPW

Wireless keypad with LCD display

- 2-way wireless keypad with backlit LCD display.
- 40 characters across 4 lines with a blue background and white characters.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Energy-saving function.
- Control of a single or all partitions of the system.
- Function keys dedicated to the main operations.
- Option disarming the system with coercion.
- Complete of tamper against opening and removal.
- Operation with 2 lithium batteries 3.6 V long range.



BT-PRW

Wireless proximity reader

- 2-Way wireless proximity reader for indoor.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- Managing of proxi Tag or card.
- Reading distance 10mm.
- There are 4 touch-sensitive buttons backlit with colored LED to perform various operations.
- Dedicated function keys for: total arming, perimeter, disarming, unlock doors.
- Status indication by LED.
- Equipped with buzzer and relay output (6A mounted on the motherboard).
- Complete of tamper against opening and removal.
- Operation with 2 lithium batteries 3.6 V long range.



BT-KT

5-channel Remote Control

- 2-way remote control with 5 buttons.
- Connection to the control unit with 2-way wireless technology BiTech.
- Automatic routing in the presence of REP to communicate with the control unit.
- Interrogation function on the system status with confirm (sound / visual).
- Simple and efficient interface with led bi-color and beeps.
- Immediate information on zones open / anomalies.
- Function of "arming forced".
- Identification and association of each remote control.
- Operation via 23AE 12V battery type.



BT-CME

Wireless magnetic contact

- 2-way wireless magnetic contact:
 - Wireless magnetic contact
 - Auxiliary input for further wired contact
- Ability to manage by the control both of the informations.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Complete of tamper against opening and removal.
- Available in white or brown.
- Operation with 1 lithium battery 3.6 V long range.



BT-CMW

Wireless multi-function magnetic contact

- 2-way wireless magnetic contact:
 - Wireless magnetic contact
 - Shock detector (can be disabled and / or programmable)
 - Auxiliary input for detector shutters
 - Auxiliary input for further wired contact
- Ability to manage by the control unit all the informations.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Intelligent device able to reduce energy consumption when the partition is off.
- Complete of tamper against opening and removal.
- Available in white or brown.
- Operation with 1 lithium battery 3.6 V long range.



ACCESSORIES

BT-IRW

Wireless infrared

- 2-Way Infrared passive Motion Detector, dual PIR, angle 90°, 17 detection zones on 3 floors, 15mt.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Programming the sensitivity and impulse.
- No time of rearming, the system is always on.
- Temperature compensation.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Intelligent device able to reduce energy consumption when the partition is off.
- Interchangeable lenses in relation to installation requirements (Standard, Long Range, Curtain and Pet immunity).
- Complete of tamper against opening and removal.
- Operation with 1 lithium battery 3.6 V long range.



BT-IRE2.01

PIR detector Wireless for outdoor with dual beam

- PIR detector wireless with dual beam 12m. at 90°.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Technology of multiple beams of detection (1 top fixed and 1 lower adjustable).
- Control range of the beam.
- Temperature compensation.
- 14 detection zones.
- Possibility to set the sensitivity on 3 levels and count impulse.
- RF Interference protection.
- Intelligent device able to reduce energy consumption when the partition is off.
- Complete of tamper against opening.
- ABS case with IP54 protection.
- Wall or pole mounting.
- Mounting height from 0.8mt. to 1.20mt.
- Dimensions: 8(L)x19,80(H)x10,8(P)cm
- Operation with 1 lithium battery 3.6 V long range.



BT-IRE2.02

Double barrier PIR wireless for outdoor

- Dual barrier PIR wireless 24mt. 3° (12mt. for side).
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Technology of multiple beams of detection (1 top fixed and 1 lower adjustable).
- Discrimination function large and small objects.
- Temperature compensation.
- 4 adjustable detection zones (2 for side).
- RF Interference protection.
- Intelligent device able to reduce energy consumption when the partition is off.
- Complete of tamper against opening.
- ABS case with IP55 protection.
- Wall mounting.
- Dimensions: 5,8(L)x7,8(H)x12,8(P)cm
- Operation with 1 lithium battery 3.6 V long range.



BT-IRE2.03

PIR detector wireless for outdoor with dual beam and antimask

- PIR detector with dual beam 12m. 90 ° and Antimask.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Regulation of the beam on 4 levels (from 4 to 12mt).
- Temperature compensation.
- 94 detection zones of high density.
- Multiple zone detection technology with Pir of new generation.
- PIR sensitivity adjustment and masking (disabled).
- RF Interference protection.
- Intelligent device able to reduce energy consumption when the partition is off.
- Complete of tamper against opening.
- ABS case with IP55 protection.
- Wall mounting with bracket and sunshield included.
- Mounting height from 2.5 to 3.0mt.
- Dimensions: with bracket and sunshield 9,9(L)x20,5(H)x26,6(P)cm; without 9,2(L)x19,7(H)x14,8(P)cm.
- Operation with 1 lithium battery 3.6 V long range.



BT-IRE2.04

Barrier PIR detector wireless for outdoor with antimask

- PIR Detector with dual-beam for outdoor with curtain range and antimasking (optional).
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Control range of the beams from 2 to 5mt. (by moving the lens); 5° amplitude.
- Advanced temperature compensation.
- Flexibility of rotation 190° (thanks to the integrated bracket).
- Possibility to set PIR sensitivity and antimasking (digital type, disabled).
- RF Interference protection.
- Complete of tamper against opening.
- ABS case with IP55 protection.
- Wall mounting (ideal for windows, doors, balconies, etc.).
- Mounting height from 0.8 to 1.20mt.
- Dimensions: PIR 3,5(L)x15,5(H)x4,3(P)cm; box 3,5(L)x15,5(H)x4,3(P)cm.
- Operation with 1 lithium battery 3.6 V long range.



BT-IRE2.05

PIR detector wireless for outdoor with curtain range

- PIR Detector wireless for outdoor with curtain range.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- Range 2(H)x1,2(L)mt. (0,5mt. amplitude).
- Advanced temperature compensation.
- Possibility to set PIR sensitivity.
- RF Interference protection.
- Complete of tamper against opening.
- ABS case with IP54 protection.
- Wall mounting (ideal for windows or doors).
- Dimensions: 28(L)x4(H)x3(P)cm.
- Operation with 1 lithium battery 3.6 V long range.



BT-SMK

Wireless Smoke detector with integrated temperature sensor

- Wireless optical smoke detector with thermic sensor integrated.
- Photoelectric sensor with optical chamber.
- Temperature sensor type velocimetric (alarm on temperature gradient).
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- It has an LED and a buzzer to indicate the status of: operation, battery low, optic camera faulty / dirty, alarm.
- Enabling function evacuation (alarm activation on all sensors).
- Test button on the device.
- Possibility to do the "smoke test" by remote.
- It is complete of the base for the installation on the ceiling.
- Dimensions: 13 (L) x5 (H) cm.
- Operating temperature: 4 ° to 40 ° C.
- Operation with 1 lithium battery 9V long range.



BT-SIR

Wireless outdoor siren

- 2-way wireless outdoor Siren.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Fully programmable from the control unit.
- The quality of the radio signal, the connections and the battery level are tested by the control unit.
- 4 type of sound selectable (with 3 levels of volume).
- Power sound 100dB.
- Integrated anti-foam system.
- Temperature sensor against the attempts to fire (the alarm is generated in case of a sudden rise of temperature).
- Shock Detector integrated (can be disabled and / or adjustable).
- Setting of the local signals for:
 - Alarm Memory (light)
 - System on (light)
 - Time entry (light, sound or both)
- Polycarbonate case with IP44 protection.
- Complete of tamper against opening and removal.
- Operation with 1 Lithium battery 3.6 V 13Ah long range.



BT-REP

Signal repeater

- Device projected to repeat (REP) all wireless devices on the network **BiTech**.
- Connection to the control unit with 2-way wireless technology **BiTech**.
- Powered by 230Vac, it contains two NiCd or NiMh batteries for emergency use (in case of no power).
- Control capabilities and automatic recharging of batteries.
- From 4 to 8 repeaters installed on the system (depending on the model of central unit).
- Ability to create subnets, fully managed wireless, programmable and testable by the panel control.
- Possibility to connect up to 2 repeaters in cascade to extend the range of wireless devices.
- Complete of tamper against opening and n° 2 Ni-Cd or Ni-Mh batteries.





