



Products Catalogue 2021/2022

Security Systems

Bentel Security

Security systems

1.0	Professional Line Systems - Absoluta Plus Series	
1.1	Control panels	3-5
1.2	Accessories	5
1.3	Comparative Table Absoluta Plus Series	6
2.0	Professional Line Systems - KYO320 Series	
2.1	KYO320 Control Unit & Accessories	7
3.0	Classic Line Systems - KYO Series	
3.1	KYO Control Units & Accessories	8-12
4.0	PowerG	
4.1	PowerG Wireless Devices	13-17
5.0	Devices	
5.1	Wireless Classic Devices.	18
5.2	Wired Devices	19-20
5.3	Accessories for Absoluta Plus & Kyo Control Panels	21
5.4	Universal Communicators	23-24
5.5	Management Systems	25
5.6	Signalling Devices	26-27
5.7	Power Stations.	28-29
5.8	Accumulators.	30



Absoluta Plus

Hybrid Intrusion Security Solution with PowerG Wireless Technology

For residential and commercial



Stronger Security

Market-leading, highly reliable, two-way wireless communication, with up to 2000m range. Cyber-security and other advanced protections.



More Applications

Widest range of indoor and outdoor detectors and sirens, and support for home automation.



Easier Maintenance

Highly reliable system, with long battery life on devices. Easy remote support with the installer app.



Better User Experience

Mobile app and SMS control for easy remote operation. Up to 4 keypads and 8 proximity readers. Voice messages for each/zone.



Faster Installation

Installer app for fast and easy programming via Bluetooth. No wiring for peripherals. Long-range, two-way wireless communication saves time and hassle.

More info: www.bentelsecurity.com/AbsolutaPlus/

Professional Series Control Panels

EN50131 Grade 2 and Grade 3 Absoluta Plus Hybrid Control Panels

Bentel Security introduces Absoluta Plus hybrid control panel, EN50131 Grade 2 and Grade 3 Certified!

Absoluta Plus combines the field-proven reliability and flexibility of Absoluta control panels with market-leading PowerG wireless security technology. Available as a fully wired system, or as a hybrid solution with the widest range of wireless peripherals, Absoluta Plus opens new opportunities for installers in both residential and commercial markets.

Rooted in Italian quality and design, this new solution is a major step forward in the evolution of the Absoluta platform, built with the same passion for the finer details valued by today's demanding customers.

Absoluta is interactive thanks to the real-time connection with ABS-IP, the LAN card, and with the user App to always have system information and perfect control. Powerful features such as real-time event notifications (PUSH notifications), personalized sending of events via SMS or email and the availability of the protocol for systems integrators, offer the end user control of their superior security system. Absoluta APP is available on the Google Play, iTunes and Windows Mobile stores.

ADVANCE TO THE NEXT LEVEL OF INTRUSION SECURITY FOR RESIDENTIAL AND COMMERCIAL CUSTOMERS



Absoluta Plus Grade 2 CONTROL PANELS

Technical Features: (Hybrid Control Panels Absoluta Plus 128,48, 18)

- Wireless 868 MHz Receiver (optional)
- Voice dialer on-board
- Voice messages for each event/zone: total duration 20 minutes
- Telephonic voice guide
- Program up to 32 phone numbers
- Fully customizable digital dialer
- USB port for USB keys and PC programming with BOSS Software and/or USB key
- Basic home automation functions
- Fully programmable outputs: polarity, timing, oscillation, and event triggers
- Event logger contains 2,000 events
- On-board connectors for GSM and IP add- on boards
- Powerful Bentel Operating Security Software (BOSS) for full programming of the panel
- ABSOLUTA Plus panel available in industrial metal cabinet or sleek plastic cabinet
- Vibration and Roller-Blind Detector support
- End-user app (iOS and Android) for remote control of the panel***
- Push notifications on smartphones
- Support for M-Touch TouchScreen keypad

Grade 2 Absoluta Plus 128 Hybrid and Expandable Control Panel for large installations



ABS-128

Absoluta Plus Control Panel Expandable board up to 128 zones

- Up to 8 on-board zones / Expandable to 128 input zones
- Up to 128 wireless zones
- 16 partitions
- 250 keys/tags
- Up to 7 on-board outputs expandable to 50

Grade 2 Absoluta Plus 48 Hybrid and Expandable Control Panel for medium installations



ABS-48

Absoluta Plus Control Panel Expandable board up to 48 zones

- Up to 8 on-board zones
- Expandable up to 48 zones input zones
- Up to 48 wireless zones
- Connect to 8 LCD or M-Touch keypads
- 128 keys/tags
- 8 partitions
- Up to 7 on-board outputs expandable to 20

Professional Series Control Panels

Grade 2 Absoluta Plus 18 Hybrid and Expandable Control Panel for small installations



ABS-18

Absoluta Plus Control Panel Expandable board up to 18 zones

- Up to 8 on-board zones
- Expandable to 18 wired input zones
- Up to 18 wireless zones (including wired)
- 64 keys/tags
- Up to 6 on-board outputs expandable to 16
- 8 partitions

CONTROL PANELS Absoluta Plus EN50131 Grade 3

Absoluta Plus 128 Hybrid Control Panels)



- Triple balancing
- PowerG 868 MHz Transceiver (optional)
- On board GSM connectors and optional IP boards
- USB port for PC programming with BOSS software and/or USB key
- Support for M-Touch TouchScreen keypad
- Home automation functions
- ABSOLUTA APP for remote system control
- Push notification on smartphones
- Fully programmable outputs: polarity, timing, oscillation and event triggers
- Up to 32 phone number
- Voice dialer on board; voice messages for each event/zone for a total duration of 20 minutes
- Telephonic voice guide
- Fully customizable digital dialer
- 4 shortcut arming modes available
- Event logger up to 2000 events
- Powerful Bentel Operating Security Software (BOSS) for Absoluta Plus

Absoluta Plus 128 Grade 3 Control Panel: Hybrid and Expandable for large installations Coming soon

ABS-128GR3

Absoluta Plus EN Gr.3 control panel expandable up to 128 zones + Metallic Enclosure (ABS-M) + 5.4A Power Supply (BAW75T12)

- Up to 8 zones onboard / Expandable up to 128
- Up to 128 wireless zones
- 16 partitions
- Up to 7 onboard outputs expandable to 50
- 250 keys or tags

Wireless Receivers



PowerG Host Transceiver

BW-PGH

- PowerG 868 MHz Transceiver for Absoluta Plus control panels
- Programmable supervisory window
- Possibility to wire it up to 230 mt from the control panel
- Wall and case tamper

Professional Series Control Panels

Containers



ABS-P

Plastic container for Absoluta Plus

- Battery up to 7 Ah, tamper switch included
- Dimensions mm: 319x352x92 (without antenna)

ABS-M

Metal container for Absoluta Plus

- Battery up to 17 Ah, tamper switch included
- Dimensions mm: 310x403x103 (without antenna)

Accessories



AS100

Audio module for Absoluta

- Specifically designed for two-way voice verification
- Wired connection to the control unit
- Wall or box mounting
- Dimensions mm: 113x62x21



USB-5M

5 m USB cable for local programming of Absoluta control units



KIT-G3RES

3 resistors kit for EN Grade 3 zone balancing (100 pcs)



Absoluta APP FREE version

Smartphone application for Absoluta central management

Absoluta APP is dedicated to users who want to remotely manage Absoluta control units comfortably from their smartphone, simply by equipping the control unit with a card ABS-GSM or ABS-IP.

Available on Google Play and iOS stores.

- Checking the status of areas and zones
- Arming and disarming of the system with 4 different modes
- Verification and elimination of faults, tamper memories, alarm memories
- Push notification reception



Absoluta APP PRO Version:

- All the features of the Free version
- Management of up to 32 systems
- Home automation commands
- Event log of the control panel



Professional Series Control Panels

Comparison Chart Absoluta Plus

ABSOLUTA PLUS				
FEATURES	EN Grade 2			EN Grade 3
	ABS18	ABS48	ABS128	ABS 128G3
Maximum number of zones (wired and wireless)	18	48	128	128
Maximum number of wireless zones	18	48	128	128*
User codes	31	63	127	127
Installer codes	2	2	2	2
Keypads	8	8	16	16
Tags, proximity cards and keys	64	128	250	250
Keyfobs	16	16	32	32
Proximity readers (tag, keys and cards)	16	32	32	32
Input/output expanders	32/16	32/16	32/16	32/16
Power supply stations	4	4	4	4
Partitions	8	8	16	16
Outputs (maximum)	16	20	50	50
Timer	16	16	16	16
Vocal messages	206	206	206	206
Phone book numbers	32	32	32	32
Email addresses	32	32	32	32
Management through ABS-APP	✓	✓	✓	✓
Management via phone (DTMF)	✓	✓	✓	✗
Management via phone (SMS)	✓	✓	✓	✗
Triple balancing zones	✗	✗	✗	✓
Power supply	Sold separately			BAW75T12
	BAQ15T12 BAW35T12	BAW35T12 BAW50T12 BAW75T12	BAW50T12 BAW75T12	
Cabinet	Sold separately: ABS-M or ABS-P		White metal 310 mm x 403 mm x 103 mm	
Tamper	Opening. Sold separately: removal from wall			

Absoluta Plus

The New Power of Absoluta Plus



ADVANCE TO THE NEXT LEVEL OF INTRUSION SECURITY

The proven high reliability of Absoluta control panels

+

The advantages of PowerG wireless security technology



Discover Absoluta Plus now!

Professional Series Control Panels



KYO320

Multifunctional alarm control unit 8 zones expandable 344 with 3A switching power supply and metal case

- 8 built-in zones
- Expandable to 264 wired zones
- Expandable to 64 zones via radio (433 and / or 868 MHz frequency)
- 6 programmable outputs on board: 3 (3 A relay) + 3 (1 A open-collector)
- Expandable to 102 programmable outputs:
- Connection to 32 remote LCD keypads and 32 readers
- 500 keys / tags, 5 + 195 codes
- 2 wireless receivers
- 32 areas, 32 keypads +16 LEDs, 32 input expansions, 32 readers and 16 output expansions
- Total planning with 64 timers for basic home automation features
- Integrated access control functionality

Accessories



K3-VOX2

Voice synthesis card for KYO320 control unit

- 62 voice messages



K-NET

IP communication card for KYO 320

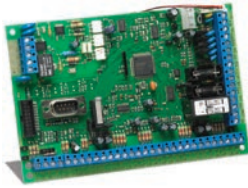
- LAN / WAN Internet Protocol
- 128 Bit encryption protection
- Up / download and event transmission
- Alarm reception via Sur-Gard System III / II receiver
- Integration protocol with third-party systems, available on request



K3-PRT2

Printer card for KYO320 control unit

Classic Line Alarm Control Panels



UNK32G

Central board KYO32G

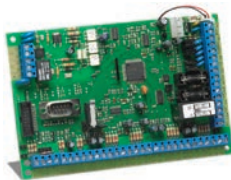
- 8 zones expandable to 32 zones
- 32 wireless zones
- Maximum number of zones (rows + wls) 32
- 1 Siren output and 5 OC 500mA
- 8 areas, 8 keyboards, 16 Readers
- 128 keys and 24 + 1 codes
- 8 telephone numbers
- 16 Radio keys



UNK32

Central Board KYO32

- 8 zones expandable to 32 zones
- 32 wireless zones
- Maximum number of zones (rows + wls) 32
- 1 Siren output and 3 OC 150mA
- 8 areas, 8 keyboards, 16 Readers
- 128 keys and 24 + 1 codes
- 8 telephone numbers
- 16 Radio keys



UNK8GW

KYO Central Board 8

- 8 expandable zones
- 8 wireless zones
- Maximum number of zones (rows + wls) 8
- 1 Siren output and 5 OC 500mA
- 4 areas, 8 keyboards, 16 readers
- 128 keys and 24 + 1 codes
- 8 telephone numbers
- 16 Radio keys



UNK8W

KYO Central Board 8

- 8 expandable zones
- 8 wireless zones
- Maximum number of zones (rows + wls) 8
- 1 Siren output and 3 OC 150mA
- 4 areas, 8 keyboards, 16 readers
- 128 keys and 24 + 1 codes
- 8 telephone numbers
- 16 Radio keys

Classic Line Alarm Control Panels



UNK4

KYO Central Board 4

- 4 wired zones
- 1 Siren output and 3 OC 150mA
- 4 areas, 8 keyboards, 16 readers
- 128 keys and 24 + 1 codes
- 8 telephone numbers

KYO Cabinets



UNBOX-L

Large metal case for UNK8GW and UNK32G cards

- Battery: up to 17 Ah
- Dimensions mm: 339x488x108



UNBOX-M

Medium metal case for UNK4, UNK8W and UNK32 cards

- Battery: up to 7 Ah
- Dimensions mm: 241x279x87



BOXPLUS

Plastic container for Kyo UNIT. It can house the TRF-UNIT transformer and the BAQ15T12 and BAW35T12 switching power supplies

- Battery: up to 7 Ah
- Dimensions mm: 309x227x89

Accessories



NC2/VOX

Speech synthesis card for KYO Unit systems



VOX-REM

Remote listening module for NC2 / VOX and K3-VOX2 voice expansions



DB0909

9-pole shielded serial cable for KYO series control units



PC-LINK

PC Link serial cable



ASNC

Anti-tear / anti-tamper accessory for BOXPLUS container



TRF-UNIT

1A transformer for UNK4 / 8 and 32 boards (to be housed in the UNBOX-M container or in the BOXPLUS container)



UNKYO-I

Instructions: installation, programming from keyboard and central unit

Keyboards



Absoluta Plus Series

Absoluta M-TOUCH

Tastiera Touch screen

- 7-inch color touchscreen
- Integrated slot for SD card up to 32 GB
- Up to 32 graphic maps (images, photos, floor plans)
- Customizable home and background
- User and installer menu programming
- Digital frame and graphic maps
- Absorption: 300 mA in use, 100 mA at rest
- Dimensions mm: 127.9X195X20.35

Absoluta Plus e KYO

Absoluta T-BLACK

Black LCD keypad, with proximity reader and integrated expansion



- 1 Proximity Reader
- 3 LEDs for proximity reader: insertion, insertion A and B.
- 1 Expansion 3 Programmable I / O terminals
- Shutter Sensor Support
- 4 system status LEDs
- Dimensions: 135mm x 114mm x 28.5mm
- Current consumption 200mA in use, 70mA in standby

Absoluta T-WHITE

White LCD keypad, with proximity reader and integrated expansion



- 1 Proximity Reader
- 3 proximity reader LEDs: arming, A and B arming
- 1 Expansion module and 3 programmable on-board I/O terminals
- Supports Roller Blind detectors
- 4 system status LED
- Dimensions

BKB-LCD

Classika LCD keypad



- Blue LCD display 2 lines by 16 characters
- Adjustable display brightness and contrast
- 3 system status LEDs
- Continuously adjustable volume buzzer
- Absorption: 50mA in use, 30mA at rest
- Dimensions mm: 140x114x25

BKP-LCD

Premium LCD keypad, with proximity reader and integrated expansion



- 1 proximity reader
- 3 LEDs for proximity reader: insertion, insertion A and B.
- 1 Expansion 3 Programmable I / O terminals
- Shutter sensor support
- 4 system status LEDs
- Absorption: 200mA in use, 70mA at rest
- Dimensions mm: 135x114x 28.5

BKP-BOX

Flush-mounting kit for Premium keyboard



KYO e Norma Series

BKB-LED

Classika LCD keypad



- 16 zone LEDs to display the three zone conditions
- 8 System status LEDs
- Continuously adjustable volume buzzer

Proximity Readers



PROX12

Indoor and outdoor proximity reader

- IP grade 30
- It works with SAT, MINIPROXI, PROXI-CARD and PROXI-TAG proximity key
- Dimensions mm: 117x73x23

ECL2-UKR

Eclipse 2 indoor proximity reader - Basic module

- Recessed installation
- 20 covers available from different brands including Ave, Ticino, Vimar, Gewiss
- It works with SAT, MINIPROXI, PROXI-CARD and PROXI-TAG proximity key
- Absorption 30 mA
- Dimensions 1.9x3.5x4.4 cm

AVE Series

ECL2C-ABI

Eclipse 2 Cover - Ave Blanc

ECL2C-AN

Eclipse 2 Cover - Ave Black

TICINO Series

ECL2C-AXC

Eclipse 2 Cover - Ticino Axolute light

ECL2C-AXS

Eclipse 2 Cover - Ticino Axolute dark

ECL2C-BMT

Eclipse 2 Cover - Ticino Matix

ECL2C-BIN

Eclipse 2 Cover - Ticino International

ECL2C-BLI

Eclipse 2 Cover - Ticino Ligth

ECL2C-BLT

Eclipse 2 Cover - Ticino Ligth tech

ECL2C-BMG

Eclipse 2 Cover - Ticino Magic

GEWISS Series

ECL2C-GB

Eclipse 2 Cover - Gewiss System white

ECL2C-GB

Eclipse 2 Cover - Gewiss System black

ECL2C-GP

Eclipse 2 Cover - Gewiss Playbus



Proximity Readers



ECL2C-CB

Eclipse 2 Cover - Gewiss Chorus white



ECL2C-CN

Eclipse 2 Cover - Gewiss Chorus black



ECL2C-CT

Eclipse 2 Cover - Gewiss Chorus Titanio



VIMAR Sries

ECL2C-VEB

Eclipse 2 Cover - Vimar Eikon white



ECL2C-VES

Eclipse 2 Cover - Vimar Eikon dark



ECL2C-VIB

Eclipse 2 Cover - Vimar Idea white



ECL2C-VIN

Eclipse 2 Cover - Vimar Idea black



ECL2C-VPL

Eclipse 2 Cover - Vimar Plana

Keys & Proximity Tags



PROXI-CARD

Contactless proximity card for PROXI reader (Pack of 10 pcs.)



MINIPROXI

Proximity Tag (Pack of 10 pcs.)



PROXI-TAG/G

Gray proximity tag with identification labels (Pack of 10 pcs.)

PROXI-TAG/W

White proximity tags with identification labels (Pack of 10 pcs.)

PROXI-TAG/B

Black proximity tags with identification labels (Pack of 10 pcs.)



SAT2

Contactless electronic key



DKC

Electronic key for BPI series readers

PowerG Wireless Devices

Detectors



Infrared detectors

BW-802

IR detector for BW control units with temperature and brightness sensor

- Range 12x12 m, opening 90 with anti-sliding protection
- Pet immune up to 38 kg, with removable Pet mask
- Temperature compensation
- Mounting height from 1.8m to 2.4m on flat surface
- Battery life 6 years, type CR123A
- Operating temperature -10C to 50C
- White color
- Dimensions mm: 83X61X42



BW-862

PIR detector for ceiling BW control units with 360 ° coverage

- 360 ° motion detection with a ceiling mounted device
- Complete protection of small to medium-sized rooms with a coverage up to 10 meters in diameter
- Minimal visual impact, modern and discreet design
- Battery with 5 years of battery life for a long service life (typical use)
- Mounting height from 2 to 4 m on a flat surface
- White color
- Dimensions diameter mm: 106



Curtain detectors

BW-IRT

IR curtain detector

- Adjustable range Maximum 6 m, Average 4 m, Minimum 1,2 -2 m
- Temperature compensation
- Optical system with sealed chamber with white light protection
- Mounting height 1.8m to 2.4m, front or 90 °
- Battery life 7 years, type CR123A
- Operating temperature -10 ° C to 50 ° C inside
- White color
- Dimensions mm: 105x35x30



Dual Technology Detectors

BW-DTM

Double technology mirror detector with active anti-masking

- PIR range 15x10 m, 90 ° opening
- MW in K band: 24GHz
- MW range: Maximum 15 m / 90 °, Average 10 m / 90 °, Minimum 5 m / 90 °
- Pet immune 18 Kg
- Temperature compensation
- Optical system with sealed chamber with white light protection
- Mounting height 1.8m to 3m on a flat surface or corner
- Battery life 5 years, type CR123A
- Operating temperature -10 ° C to 50 ° C inside
- White color
- Dimensions mm: 115x60x48

PowerG Wireless Devices

Keyfobs



BW-RCH

Two-way keyfob with 4 buttons for BW and Absoluta Plus control units

- Battery life 8 years, 3V type CR-2032
- Arming / disarming with visual and audible feedback
- Programmable AUX button
- Operating temperature: 0 ° C to 55 ° C
- Dimensions mm: 60x34.5x12.5

Detectors



Outdoor Detectors

BW-ODT

Outdoor mirror PIR motion detector with active anti-masking

- Range 12x12 m, opening 90
- Microprocessor controlled temperature compensation
- Vandal-proof mirror optical system with elliptical lens consisting of 8 PIRs independent in Quad configuration
- White light protection over 25000 lux
- Pet immune 18 Kg
- Mounting height from 1.5m to 3m on a flat surface.
- Horizontal adjustment from -45 ° to + 45 ° and vertical from 0 ° to -10 °
- Battery life 3 years, type 2xCR123A
- Operating temperature -35 ° C to 60 ° C, 95% humidity (IP54)
- White color
- Dimensions mm: 166x147x124



Outdoor Curtain Detectors

BW-902

Outdoor Wireless Curtain PIR Detector

- The extremely thin protection shield accurately detects the movements of intruders in the critical area outside doors and windows
- Weatherproof (IP55)
- Pet Immune 18 kg
- Detection of ambient temperature and brightness
- Sabotage warning and active anti-masking function
- Detection range up to 8m
- Tampering Notice
- Mounting height: 1.6m to 2m
- Battery type: Two CR-123A 3V lithium batteries
- Battery life: Up to 3 years (typical use)
- Operating temperature: -35 ° C to 60 ° C
- Dimensions mm: 145x71x62



Outdoor Opening Detectors

BW-312

Magnetic Contact for Eastern with auxiliary input

- Amanita the safety and protection of windows, gates or doors
- Eastern transceiver resistant to weather and water (IP66)
- Alarm input: magnetic and auxiliary
- Supervised auxiliary input NA, NC, BS, BD
- Environmental temperature detection
- Tampering Notice
- Anti-Masking * and Temperature sensor (only with BW30 BW64 vers. 20.2 control units)
- Battery type: 2 x 1.5V AA lithium batteries
- Battery life: Up to 5 years (typical use)
- Operating temperature: -40 ° C to 66 ° C
- Dimensions mm: 166x147x124

Impact detectors

BW-SHK

Vibration and contact detector with AUX input

- Piezoelectric impact and vibration sensor
- Reed sensor and Aux input
- Fully configurable remotely or locally via internal display
- Detection of the most intense impacts or of a series of impacts of lower level up to 10 low-level vibrations in 30 seconds
- Installation on windows, doors, walls or roofs
- Battery life 5 years (with all sensors active), type CR123A
- Indoor operating temperature -10 ° C to 55 ° C
- Cable length on AUX max 10 m, 2K2 Ohm supervision
- White color
- Dimensions mm: 118x27x30



BW-GBD

Omnidirectional acoustic glass break detector

- Acoustic fingerprint recognition for 360 ° detection
- Detection distance minimum 1.5m, maximum 7.6m for flat glass, tempered, laminated, wired, coated and thermal chamber
- No calibration needed
- Wall or ceiling mounting
- Battery life 5 years, type CR-123A
- Indoor operating temperature -10 ° C to 55 ° C
- Certified according to European standards EN 300220, EN 301489, EN50130-4, EN60950, EN50130-5, EN 50131-2-7-1, EN 50131-1 Grade 2 Class II
- Dimensions mm: 88x62x30



Intrusion Detectors

BW-MCN, BW-MCB

Magnetic Contact with Independent AUX

- User-selectable operation of auxiliary input as NC or EOL (end-of-line loop with NC or NO sensors)
- Longer battery life for up to 8 years (in typical use)
- Visible signal quality indication shown on the device
- Configured from the panel – no hardware switches and no need to re-open the detector once closed
- Low-battery signaling
- Available in White or Brown
- Dimensions mm: 81x34x25



BW-303

Vanishing magnetic contact for doors / windows

- The ideal solution to protect doors, windows and other entrances
- Timely reporting of the intrusion attempt
- Slim and elegant design
- Quick and easy installation thanks to the practical pull tab
- Battery type: 1x CR2450 3V
- Battery life: Up to 6 years (typical use)
- Operating temperature: -10C to 55C
- Dimensions mm: 145x71x62



Technological Detectors



BW-FLD

Flood detector with probe

- It detects water at ground level, ideal for basements, yachts and vacation homes
- 3 mt cable for the sensor included
- Indication of the quality of the connection with the control unit for quick installation
- Fully configurable from the control panel – no hardware switches e
- no need to reopen the detector once closed
- Probe disconnection signal
- Battery life 8 years, type CR-123A
- Operating temperature 0 ° C to 49 ° C indoors
- Dimensions mm: 81x34x25



BW-SMD

Optical smoke and temperature detector with internal siren

- Alarm for temperature above 60 with rapid increase
- Audible alarm at 85dB at 3m
- The internal siren can also be activated for intrusion detection
- Sensitivity test button
- Certified according to European standards EN14604
- Battery life 5 years, type CR-123A / CR17450
- Indoor operating temperature -10 ° C to 50 ° C
- Dimensions mm: 120x63

Sirens



BW-SRI

Two-way indoor siren

- Different types of sound for intrusion, fire, gas / CO and flood
- Double sabotage protection
- Indication of entry / exit time and system armed / disarmed
- Sound alarm at 109dB and flashing light alarm
- Color: white with blue lens
- Power supply: includes a pack of 4 3.6V / 3.5Ah lithium batteries (BW-B35SR), 8 years life (with typical use)
- Operating temperature -33 ° C to 10 ° C indoors
- Dimensions mm: 95x186x63



BW-SRO

Outdoor siren

- Different types of sound for intrusion, fire, gas / CO and flood
- Double sabotage protection
- Indication of entry / exit time and system armed / disarmed
- Sound alarm at 109dB and flashing light alarm
- Color: white with blue lens
- Power supply: includes a pack of 4 lithium batteries from 3.6V / 3.5Ah (BW-B35SR), duration 8 years (with typical use)
- Indoor operating temperature -33 ° C to 70 ° C
- Dimensions mm: 95x186x63



BW-REP

Power G wireless repeater

- AC / AC adapter 230VAC, 50Hz / 9VAC 0.35 °
- Battery life 48H, type 4.8V 1300 mAh NiMh rechargeable
- Operating temperature 0 ° C to 50 ° C indoors
- Dimensions mm: 161x161x50



BW-B35SR

Replacement 3.6V 3.5Ah lithium battery for BW-SRI and BW-SRO sirens



BW-B12K/15

Pack of 15 pcs for BW-SRI and BW-SRO



BW-BAT891

Battery for BW-IRC

Wireless Classic Devices



433MHz Series for KYO

VRX32-433

32-zone radio receiver

- Available from 433 MHz
- It supports up to 32 wireless detectors
- It supports up to 16 radio keys
- Dimensions mm: 146x107x25



VRP-433

433MHz radio repeater

- VRX32-433, Vector / RX8 receivers
- Battery recharges 80% within 24 hours
- Operating frequency 433.92 MHz
- Ni-MH rechargeable battery, 4.8V / 2.1 AH
- Dimensions mm: 178x114x338



AMD20NP

Infrared detector via radio

- Battery: Lithium, mod. CR123A
- Installation: h from 1.5 m to 3 m
- Fast or slow detection mode
- Coverage: 15m x 18m
- Operating temperature: -10C to 55C
- Dimensions mm: 65x108x55



AMD20

Pet immune infrared detector via radio

- Battery: Lithium, mod. CR123A
- Installation: h from 1.5 m to 3 m
- Fast or slow detection mode
- Coverage: 15m x 18m
- Operating temperature: -10C to 55C
- Dimensions mm: 65x108x55



AMC30/AMC30M

Magnetic contact via radio 433Mhz with an Aux input

- The auxiliary input supports infrared detectors, reed contacts, shutter contacts and glass break detectors
- Battery: 1 lithium, mod. CR123A
- Also available in brown (AMC30M)
- Dimensions mm: 75x43x25

Wired Detectors



PIR detectors

BMD501

PIR Detector with Pet Immunity

- Pet immunity up to 25 kg
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Range: 15 m at an angle of 85 degrees
- Power supply voltage: 8.2 to 16 Vdc
- Consumption (Standby): 18 mA, Consumption (Active): 25.5 mA
- Dimensions mm: 92x62.5x40



IR360

360° infrared detector

- Operating voltage 9.5 ÷ 14 Vdc
- Standby absorption: 15 mA
- Degree of protection of the casing: IP50
- Maximum coverage (diameter):
 - 2.4 m from the ground: 7.3 m
 - 3 m from the ground: 9.2 m
 - 3.6 m from the ground: 12.2 m
- Dimensions mm: 115x115x25



Dual Technology Detectors

BMD503

Dual Technology Detector with Anti-Masking & MW 10,525

- Pet immunity up to 25 kg
- Anti-masking function
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Range: 15m at an angle of 85 degrees
- Power supply voltage: 8.2 to 16 Vdc
- Consumption (Standby): 18 mA, Consumption (Active): 25.5 mA
- Dimensions mm: 118x62.5x41



BMD504

Dual Technology Detector with Pet Immunity

- Pet immunity up to 25 kg
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Range: 15m at an angle of 85 degrees
- Power supply voltage: 8.2 to 16 Vdc
- Consumption (Standby): 18 mA, Consumption (Active): 25.5 mA
- Dimensions mm: 118x62,5x41



BMD Series Detectors Accessories

BMD-CL

Curtain lens (1 pack of 12 pcs)



BMD-F

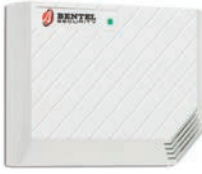
Sunlight Filter (1 pack of 12pcs)



BMD-MB

Joint for fixing BMD500 series detectors

Wired Detectors



Shock Detectors

GB08

Glass break detector

- High-performance microphone
- Sensitivity adjustment
- Operating voltage 9.5 ÷ 14 Vdc
- Standby absorption: 15 mA
- Degree of protection of the casing: IP50
- Dimensions mm: 89x64x20

Outdoor Detectors

BMD-707

8 PIR outdoor detector

- Power supply: 8-16 Vdc
- Low voltage detection: when the supply voltage drops below 7.5 Vdc
- Delay in masking detection: 120 seconds
- Remote LED activation input (TST)
- White light immunity: over 25000 lux
- COMPLIANCE EN 50130-4, EN 60950, EN 50130-5 environmental class IV. IP 55.
- US patents: 7250605, 6818881, 5693943. Other patents pending
- Range 12x12 m, 90 ° opening with anti-sliding protection
- Microprocessor controlled temperature compensation
- Mirror optical system with elliptical lens composed of 8 independent PIRs
- in Quad configuration
- White light protection over 25000 lux
- Pet immune 18 Kg
- Mounting height from 1.5m to 3m on a flat surface
- Horizontal adjustment from -45 ° to + 45 ° and vertical from 0 ° to -10 °
- Battery life 3 years, type 2xCR17450
- Operating temperature -35 ° C to 60 ° C, 95% humidity (IP54)
- White color
- Dimensions mm: 166x147x124

Outdoor Infrared Barriers



RAY60

IP54 outdoor barrier 60 mt

- Active infrared double beam photoelectric detector
- System status indicator LED
- Alarm output and tamper output
- Power supply: 10 ÷ 18 Vdc
- Current: <43mA
- Degree of protection of the casing: IP54
- Dimensions mm: 80x177x86

RAY100

IP54 outdoor barrier 100 mt

- Active infrared double beam photoelectric detector
- System status indicator LED
- Alarm output and tamper output
- Power supply: 10 ÷ 18 Vdc
- Current: <43mA
- Degree of protection of the casing: IP54
- Dimensions mm: 80x177x86

Expansion Modules And Isolators



Absoluta e KYO Series e Absoluta PLUS

M-IN/OUT

Expansion module with 6 programmable input / output terminals

- Input expansion programmable as 6 Zones, 6 outputs, 4 zones / 2 outputs
- or 2 zones / 4 outputs
- Card size mm: 85x 51x 15
- Box size mm: 170x110x34

B-ISOL

BUS BPI isolator

- Possibility of isolating two sections of BPI bus
- Box size mm: 170x110x34

Accessories for Absoluta Plus & Kyo Control Panels



BRM04/12

4 relay module at 12 V

- Possibility to drive 4 loads of 230Vac, 8A max
- Box size mm: 170x110x34



BL151

Relay Board for Smoke and Temperature Detectors



MAXIASNC

Anti-tamper accessory for Absoluta Plus & Kyo cabinets



Absoluta Plus Series

ABS-GSM

Additional GSM / GPRS / SMS communicator card for Absoluta Plus

- Quad Band 2G
- Transmission of Contact ID messages on the GSM voice channel
- Voice messages on GSM
- Remote programming with B.O.S.S using the GPRS channel
- Simultaneous transmission on PSTN and GSM
- Remote listening function from GSM
- SMS that can be generated for each control panel event
- Receipt of SMS for the generation of events in the control panel
- Caller recognition
- Residual credit check
- EN50136 certification



Absoluta Plus Series

ABS-AK

GSM antenna for Absoluta Plus plastic cabinet



ABS-AM

GSM antenna for Absoluta Plus metal cabinet



ABS-IP

IP communicator additional card

- Internet LAN / WAN protocol with 128-bit encryption
- Plug and play: router configuration is not required
- Event notification push and via e-mail
- Transmission of events to Sur-Gard receivers
- Up / Download of data remotely through BOSS software
- Absoluta APP support
- ITV2 third party integration protocol



ABS-VAP11G

Wi-Fi adapter for ABS-IP

- Simple connection to any WIFI network
- Transmission range 100 m (without obstacles)
- Powered through the ABS-IP board
- Automatic scan of available networks with relative storage
- Security protocols: WPA-PSK / WPA2-PSK, 64/128 / WEP
- Transmission protocol 802.11 in WiFi at 150Mbps



Dual Path Universal Communicator



Breathe New Life into Legacy Panels

BLE-320

With the universal dual path communicator BLE-320, you can upgrade almost any legacy PSTN panel to LTE and IP and, using Connect Alarm User App, you can bring new life to legacy panels adding remote App control for arming, disarming and check the status.

- 4G LTE and Ethernet/IP communication channels
- CiD to voice message, CiD to Push and CiD to SMS message functions
- EN50136 approved
- Integrated antenna and Connector for optional external antennas
- Remote programming by BOSS
- Direct communication with CMS
- 6 programmable terminals (input/ output)
- USB port for local programming
- Optional li-Ion battery for 6 hours autonomy

More info: <http://www.bentelsecurity.com/index.php?n=Products&o=view&id=384#self>



4G IP Communicators

BLE-320

Universal Dual Path communicator in plastic case

- 4G LTE and Ethernet/IP communication channels
- CiD to voice message, CiD to Push and CiD to SMS message functions
- EN50136 approved
- Integrated antenna
- Remote programming by BOSS
- Direct communication with CMS
- 6 programmable terminals (input/ output)
- USB port for local programming
- Connector for optional external antennas
- Optional Li-Ion battery for 6 hours autonomy



Comunicatori 3G

B3G220/EU

Universal 3G communicator in plastic case

- 3G - 900/1800 MHz communicator, plastic case
- Contact ID conversion into voice and SMS messages
- EN50136 certified
- Remote programming with BOSS software
- 6 programmable terminals (input / output)
- USB port for local programming
- Integrated antenna
- Connector for external antennas (optional)
- Lithium battery (not included)
- Dimensions mm: 100x186x39



GSM Communicators

BGS220

Universal GSM communicator in plastic case

- 2G communicator, plastic case
- Contact ID conversion into voice and SMS messages
- EN50136 certified
- Remote programming with BOSS software
- 6 programmable terminals (input / output)
- USB port for local programming
- Integrated antenna / Connector for external antennas (optional)
- Lithium battery (not included)
- Dimensions mm: 100x186x39

BGS210

2G Universal Communicator in plastic case

- Working on 2G / GPRS network
- Conversion of Contact ID and SIA codes into SMS
- Integrated antenna
- Remote programming with BOSS software
- 3 programmable terminals (input / output)
- PC-Link connector for local programming
- Connector for external antennas (optional)
- Dimensions mm: 100x186x39

Voice Dialers



BTEL-3G

GSM / LTE voice dialer and 4-channel SMS

- Innovative mobile operator search functionality with better coverage of field
- 3G UMTS and GSM Quad-Band with integrated antenna
- Check of the remaining credit of prepaid SIM-CARDS
- Voice menu in 4 languages for programming and use
- Voice messages can be recorded and listened to via integrated microphone and loudspeaker
- Possibility of associating up to 3 voice messages for each event: 8 messages lasting up to 8 seconds each
- Hands-free phone function via built-in microphone and speaker & listening environmental
- 4 programmable alarm inputs for playing voice messages on
- GSM and for sending SMS
- 3 Open Collector outputs programmable and manageable via local keyboard, DTMF tones and SMS sending
- Remote activation of outputs by recognizing the caller e via SMS
- Superkey management
- Housing for a 12 V - 1.2 Ah battery (not supplied)
- Dimensions mm: 132x220x62



B-TEL2

Voice and digital dialer

- Voice dialer with 64 seconds of voice messages
- Safe environmental listening
- Integrated multi-protocol digital communicator with programmable event code
- Remote device control via DTMF
- Programming via software or integrated keyboard
- Call history (255 calls)
- Power supply: 13.8 Vcc and 27.6 Vcc
- 8 programmable telephone numbers
- 4 types of messages
- Alphanumeric keyboard for programming and controlling all functions
- Dimensions mm: 132x220x62

Communicator Accessories



LIB2A6

Li-Ion 2.6Ah 3.7V battery for BGS220 / B3G220



GSM-LINK

GSM cellular interface programming cable



ANT5-15

Pentband remote antenna with 15 m cable



ANT5-02

Remote pentband antenna with 2 m cable



GT-COM

Multi-protocol digital combiner module

- (10-14-20-40 baud and Contact ID)
- 8 independent channels
- 8 programmable telephone numbers for each channel
- Support of the most popular communication protocols
- 2 distinct reports of abnormal voltage
- Management of the self-test call
- First call delay
- Programming of all functions with Personal Computer through the RS232 serial interface
- Electronic interface for telephone line
- Windows programming software

Alarm Management Systems



BW-PM3

License for the activation of the JCI PowerManage Server. PowerManage is an advanced management platform that offers security service providers a complete solution for managing their IP-based facilities from a central monitoring station.

Additional Licenses for JCI PowerManage Servers

RECEIVER

SG-SYSTEM-V



IP/ (PSTN optional) Digital Receiver for events receiving

- Monitor up to 368.640 IP communicators (Cellular or Ethernet) with up to 24 IP line cards
- SG-DRL5-2L adds Dual PSTN capability with 150+ communication formats available
- Integrated redundancy including hotswappable modules and auto-switching for power and peripherals
- Dimensions: cm 38 x 9 x 31.1
- Power Supply: 110/220 VAC, 50/60 Hz, 2.5 A (Max) 200W Max
- Approvals: Europe CE, EN6100 -6-3, EN50130-4, EN60950-1

Signalling Acoustic Devices



NEKA

Self-powered Outdoor Microprocessor Controlled Siren

- Strong plastic cabinet able to resist extreme weather conditions
- Additional protection with tropicalized metal inner-plate
- One input for battery charger and flash and sound alarm activation
- 3 additional inputs with programmable polarity: only flash, only sound, flash and sound alarm
- Magneto-dynamic exponential horn with high acoustic efficiency. Allowing frequency modulated sound emissions to associate different sounds to different alarm inputs
- Protection against cut wires, lamp damage and tampering
- Programming of maximum alarm time
- Battery test circuit with battery low indicator
- Simple installation with drilling template
- Battery slot 12 V, 2 Ah



NEKA-F

Self-powered outdoor siren with anti-foam protection

- Sound level 105 dBA (3 metres)
- Compliant to CEI79-2/2nd 993 Ed. II Performing Level
- IP34 Protection Grade
- Weight (without powersupply): 2.5 kg
- Dimensions: mm 208x252x98

NEKA-FS

Self-powered outdoor siren with anti-foam protection and high intensity xeno flasher

- Sound level 105 dBA (3 metres)
- Compliant to CEI79-2/2nd 993 Ed. II Performing Level
- IP34 Protection Class
- Weight (without powersupply): 2.5 kg
- Dimensions: mm 208x252x98

NEKA-K

NEKA siren plastic kit

- Dimensions: mm: 208x252x98

KIT-F

Neka Antifoam Board

Sirens Accessories

LED-OPT

LED flash board for status signalling



B088

Spare board for all NEKA models



Indoor Sirens

WAVE-W

White indoor 12 V siren

- Operating voltage 12 Vdc
- Sound output volume 104 dBA \pm 3 dB @ 1 m
- Protection class IP31
- Available with or without flasher
- Dimensions: mm 126x132x53



WAVE-WS

White indoors 12 V siren with flasher

- Operating voltage 12 Vdc
- Sound output volume 104 dBA \pm 3 dB @ 1 m
- Protection class IP31
- Available with or without flasher
- Dimensions mm: 126x132x53



LED indicators

RILED/12

12 Vdc Remote Red LED Indicator

- Supplementary visual signalling for fire and intrusion installation
- Current: max 30 mA
- Dimensions (WxHxD): 83x83x26 mm
- Multi-voltage for intrusion (12 V)
- Dimensions mm: 83x83x26

RILED/12F

12 Vdc Remote Red Flashing LED Indicator

- Supplementary visual signalling for fire and intrusion installation
- Current: max 30 mA
- Dimensions (WxHxD): 83x83x26 mm
- Multi-voltage for intrusion (12 V)
- Dimensions mm: 83x83x26

Power Stations



Power stations for Absoluta Plus and KYO Series control units

BXM12/30-B

3.6A microprocessor controlled power supply station in metal container for KYO320 and Absoluta Plus series control units

- Power supply station 230 Vac / 13.8 Vdc, microprocessor controlled
- Regeneration and restoration of BPI bus levels
- BUS BPI isolator function
- Auxiliary power supply
- Maximum current: $BXM12 / 30 = 3.6A$
- 12 V, 17 Ah allocable accumulator
- Dimensions mm: 240x348x97

BXM12/50-B

Microprocessor controlled 5.4 A power supply station in metal container for KYO320 and Absoluta Plus series control units

- Power supply station 230 Vac / 13.8 Vdc, microprocessor controlled
- Regeneration and restoration of BPI bus levels
- BUS BPI isolator function
- Auxiliary power supply
- Maximum current: $BXM12 / 30 = 5.4 A$
- 12 V, 17 Ah allocable accumulator
- Dimensions mm: 240x348x97



BXM12/30-U

Microprocessor controlled universal power station in metal case

- Power supply station 230 Vac / 13.8 Vdc, microprocessor controlled
- Auxiliary power supply
- Maximum current: 3.6 A
- 12 V, 17 Ah allocable accumulator
- Dimensions mm: 240x348x97

BXM12/50-U

Microprocessor controlled universal power station in metal case

- Power supply station 230 Vac / 13.8 Vdc, microprocessor controlled
- Auxiliary power supply
- Maximum current: 5.4A
- 12 V, 17 Ah allocable accumulator
- Dimensions: 240x 348x 97mm

Power Supplies



BAQ15T12

Power supply switching 13.8 V, 1.5 A

- 230 Vac / 13.8 Vdc
- Max current: = 1.5 A
- Compatible with KYO320, KYO32G, KYO8GW, Absoluta Plus
- Dimensions mm: 125x42x72



BAW35T12

Power supply switching 13.8 V, 2.6 A

- Universal input voltage: 90 to 260 Vac
- Output voltage: 13.8 Vdc
- Output current: 2.6 A
- Protection from: Short circuit, Overload, Overvoltage, Battery polarity inversion
- Temperature compensation with KST probe
- Compatible with Absoluta and KYO series control units
- Dimensions mm: 99x36x97

Power Supplies



BAW50T12

Power supply Switching 13.8 V, 3.6 A

- Universal input voltage: 90 to 260 V
- Output voltage: 13,8 Vdc
- Output current: 3.6 A
- Protection from: Short circuit, Overload, Overvoltage, Battery polarity inversion
- Temperature compensation with KST probe
- Compatible with Absoluta Plus and KYO series control units



BAW75T12

Power supply Switching 13.8 V, 5.4 A

- Universal input voltage: 90 to 260 Vac
- Output voltage: 3.8 Vdc
- Output current: 5.4 A
- Protection from: Short circuit, Overload, Overvoltage, Battery polarity inversion
- Temperature compensation with KST probe
- Compatible with Absoluta Plus and KYO series control units



BX35-Q

Metal box with 13.8 V, 2.6 A Switching Power Supply

- Switching power supply 13.8 V, 2.6 A metal cabinet
- Universal input voltage: 90 to 260 Vac
- Output voltage: 13.8 Vdc
- Output current: 2.6 A
- Protection from: Short circuit, Overload, Overvoltage, Battery polarity inversion
- Dimensions mm: 195x330x90



BXM75-Q

Metal box with 13.8 V, 5.4 A Switching Power Supply

- Universal input voltage: 90 to 260 Vac
- Output voltage: 13.8 Vdc
- Output current: 5.4 A
- Protection from: Short circuit, Overload, Overvoltage, Battery polarity inversion
- Dimensions mm: 240x348x97. Housing for a 12 V, 17 Ah battery

Power Supplies Accessories



KST

Thermal probe kit for power supplies



BX

Metal case for 7 A battery power supplies

- Dimensions mm: 196x330x95



BXM

Metal case for 17 A battery power supplies

- Dimensions mm: 240x348x96

Accumulators



CB1212

12V 1.2Ah Dimensions mm: 97x43x52; Weight 0.6 Kg.



CB1220

12V 2.1Ah Dimensions mm: 178x35x60; Weight 0.96 Kg.



CB1234

12V 3.4Ah Dimensions mm: 134x67x60; Weight 1.37 Kg.



CB1270

12V 7Ah Dimensions mm: 151x65x95; Weight 2.66 Kg.



CB12170

12V 17Ah Dimensions mm: 181x76x9167; Weight 6.6 Kg.



CB12250

12V 25Ah Dimensions mm: 166x175x125; Weight 8.80 Kg.

Johnson Controls

Johnson Controls is a leader in the diversified technology and multi-service industry globally with a wide range of customers in over 150 countries. Our 120,000 employees create smart buildings, energy-efficient solutions, integrated infrastructures and next-generation transportation systems that work harmoniously together to deliver on the promise of creating smart cities and communities. The commitment to sustainability has been demonstrated since the company was founded in 1885 with the invention of the first electric room thermostat.

For more information, please visit <http://www.johnsoncontrols.com> or follow [@johnsoncontrols](https://twitter.com/johnsoncontrols) on Twitter.