

SECURITY SYSTEMS



BENTEL[®]
SECURITY

A Tyco International Company

KYO32



Expandable hybrid panel for medium-size installations

The KYO32 control panel has 8 zones, expandable to 32 zones on BPI bus.

The system can be expanded via hardwired or wireless expander modules. Especially designed for luxury residence and commercial/retail applications.

KYO32 has 8 independent partitions, all with stay/away control (stay mode can be activated with or without entry delay).

FEATURES

- 8 programmable zones, expandable to 32:
 - 24 wired zones on 4 M-IN/OUT modules for 6 zones
- 6 inputs for direct management of vibration and roller-blind detectors
- 4 Balance type options per zone
- Supports up to 32 wireless zones via the wireless receivers VRX32-433/868
- 1 A Alarm relay
- 3x150 mA programmable open-collector outputs (5x500 mA outputs on KYO32G model)
- Expandable to 16 outputs via 2x6-Output M-IN/OUT module
- Supports up to 8 keypads on the 4-wire BPI bus
- Supports LED and LCD keypads, PREMIUM Line and CLASSIKA Series
- 24 user codes (from 4 to 6 digits)
- Supports up to 16 readers for keys, cards and tags on the 4-wire BPI bus
- Compatible with ECLIPSE and PROXI proximity readers as well as the reader built into PREMIUM Line keypad
- Manages 128 keys, proximity cards and tags
- Supports up to 16 4-button keyfobs via the wireless receivers VRX32-433/868
- 8 independent partitions — all with stay/away control
- Auto-arming on a weekly basis for each partition
- Patrol bypass with auto-UnBypass
- 256 event logger with date and time
- Available with a metal or plastic box

COMMUNICATIONS

- Multi-protocol digital communicator
- 8 message voice dialler (requires optional NC2/VOX Voice board)
- 8 telephone numbers for central station communications, voice calls and teleservice
- Manages DTMF for full system management via DTMF telephones



K32G



K32

NEW CLASSIKA SERIES

The new Classika Series keypad is reliable and simple to use, without abandoning the design aspect; it is also versatile enough to be installed in any environment.

VALUE PROPOSITION

- Simplicity to use thanks to its large keys
- Clear communication of the key functions
- Winning design, adaptable to all the building contexts
- Continue adjustable volume
- 18 keys with numeric and alphanumeric symbols

SIMPLE TO INSTALL - WHY/HOW

- Surface mounting
- Plug-in approach: electronic fixed on the cover
- Very simple and fast installation without cabling problems: terminals only on the back

CLASSIKA LCD

- **2-line blue LCD display with 16 characters:** system information appears clearly on the display, assisting the installer during programming from keypad
- **Adjustable display contrast** to optimize the legibility in different conditions of environment's illumination
- **3 system LEDs:** arming, alarm, fault

CLASSIKA LED

- **16 zone LEDs:** alarm, tamper, bypassing
- **8 system LEDs:** arming, alarm, fault, ready, tamper, panel tamper, bypassing, default programming



PROXI

PROXI

- Proximity key/card/tag reader for indoor/outdoor use (IP34)



PROXI-CARD

- Proximity card

MINIPROXI

- Proximity tag 50x30 mm



ECLIPSE

ECLIPSE

- Proximity key reader for indoor use, available in several different types



SAT

- Proximity key

BGSM-G

GSM/GPRS Communicator

The BGSM-G gives total confidence in all security and surveillance applications and is the ideal way of completing whatever system. It provides advanced communication features through the GPRS network and can be used in numerous telematic applications.

FEATURES

- Simulates PSTN line (backup line)
- Compatible with whatever control panel
- Switches automatically to GSM network in the event of PSTN trouble (line down)
- 8 telephone numbers (max. 20 digits) for SMS dialler
- 4 telephone numbers (max. 20 digits) for Contact ID communicator
- 95 telephone numbers (max. 20 digits) for remote activation of the outputs through caller recognition (e.g. remote control, gate open function)
- 4 inputs for SMS Dialler and Contact ID communicator activation with 2 SMS messages, user codes and Contact ID event for each input
- Programmable Input-activation polarity
- Send SMS and Contact ID "Trouble" and "Periodic" reports
- 4 programmable open-collector outputs (monostable or bistable)

COMMUNICATIONS

- Remote activation of the outputs by sending an SMS to the BGSM-G
- Remote activation of the outputs through caller recognition
- Remote control feedback (SMS message or ring)
- Incoming and outgoing call management
- SIM card can be programmed via mobile or software application

GPRS TECHNOLOGY

- Digital data transmission
 - high speed
 - wide band
 - high frequency of signals transmission
- Economy in the transmission
- High reliability/qualitative signals
- Compatible receivers: Sur-Gard System III and System II

Accessories

ANTE-EU

GSM antenna with 15 m cable and accessories to fix on a mast



NEW



LADY

Self powered siren Lady is a perfect mix between an innovative design and a state of the art technology.

FEATURES

- 3 inputs for alarm signalling on siren sounder and flasher
- 1 input for alarm signalling on flasher
- Standard inputs for all types of control panels
- Modulated frequency sound emission
- Protected against tamper, snatch, damage to the flasher and wire cutting
- Foam injection tamper device
- Test circuit for battery level and efficiency
- Complies with CEI 79-2/2nd Ed. 1993
- Power supply: internal battery 12 Vdc, 7 Ah
- Alarm current: 1.4 A (max. 2.8 A)
- Sound level: 103 dBA (3 meters)
- Protection class IP34



CALL

The Call self-powered siren is a benchmark in Bentel Security range of products.

FEATURES

- Self-powered siren with flasher
- Strong polycarbonate box, resistant to the most adverse weather conditions
- Tropicalized-metal innerplate
- 2 inputs for sounder and flasher
- Modulated frequency sound emission with the possibility to assign different sounds to the alarm input
- Protected against wire cutting, tamper, snatch and flasher damage
- Battery test circuit with flasher cut out activated by low battery conditions
- Programmable maximum alarm time
- Sound level: 105 dBA (3 meters)
- Complies with CEI 79-2/2nd Ed. 1993 performance grade II
- Protection class IP34



CALL-CRI
Grey metallized container

WAVE

High performance internal siren with revolutionary design

FEATURES

- Operating voltage 12 Vdc
- Strobe current draw (mean value) 135 mA
- Horn current draw (mean value) 90 mA
- Sound output volume 104 dBA \pm 3 dB @ 1 m
- Protection class IP31



BMD501

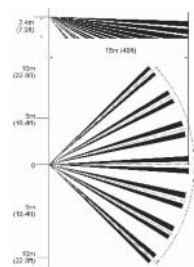
Digital PIR Detector with Pet Immunity BMD501.

Whether it's a residential or commercial installation, the BMD500 Series of detection devices provides a detection system for the unexpected events guaranteeing protection in every room, corner and corridor.

The BMD501 effectively blends performance with competitive pricing.

The detector features intelligent signal analysis for reliable detection, pet immunity up to 25 kg (55 lbs) and a slim design that complements any décor.

- Digital signal analysis
- Pet immunity up to 25 kg (55 lbs)
- Exceptional white light immunity
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Compact design for residential installations
- Adjustable variable pulse count
- PIR sensitivity adjustment
- Height installation calibration free



FEATURES

- Dimensions (WxHxD): 92x62.5x40 mm
- Power Input: 8.2 to 16 Vdc
- Current Draw (Standby): 8 mA (\pm 5%)
- Current Draw (Active): 10 mA (\pm 5%)
- RFI Protection: 30 V/m 10-1000 MHz EMI
- Protection: 50,000 V

BMD503

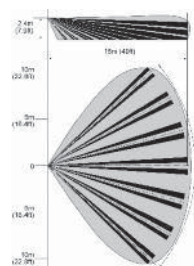
BMD504

Digital PIR and Microwave Detector with Anti-Masking and Pet Immunity BMD503 and BMD504

The BMD503 is a dual technology motion detector that combines passive infrared and microwave detection with anti-masking features.

The BMD504 dual-technology motion detector without anti-masking offers reliable prevention of false alarms at an economical price.

- Anti-masking (BMD503 only) and anti-tamper
- Digital signal analysis
- Slim profile design
- Pet immunity up to 25 kg (55 lbs)
- Exceptional white light immunity
- Quad Linear Imaging Technology for sharp analysis of body dimensions and differentiation from backgrounds and pets
- Microwave detection based on Doppler concept
- Unique microwave motion sensor module with micro-strip patch antenna
- Height installation calibration free
- 2-way PIR/microwave sensitivity adjustment
- User-friendly installation with or without swivel-mount bracket (bracket sold separately)



FEATURES

- Dimensions (WxHxD): 118x62.5x41 mm
- Power Input: 8.2 to 16 Vdc
- Current Draw (Standby): 18 mA
- Current Draw (Active): 25.5 mA
- RFI Protection: 30 V/m 10-1000 MHz
- EMI Protection: 50,000 V

GB08

Designed to detect the sounds produced by the shattering of framed glass.

FEATURES

- High-performance microphone
- Sensitivity adjustment
- Digital signal analysis provides exceptional false alarm immunity
- Excellent RF immunity
- Accurate detection of framed plate, laminated, wired and tempered glass types
- Operating voltage 9.5 ÷ 14 Vdc
- Standby current: 15 mA
- Case protection grading: IP50
- Dimensions (WxHxD): 89x64x20 mm



RAY

RAY is the outdoor barrier for long-range protection of property perimeters.

FEATURES

- Active infrared double-ray photoelectric sensor
- Signal LED for system's status
- Excellent RF immunity
- Alarm output
- Tamper output
- Supply voltage: 10 ÷ 18 Vdc
- Current: < 43 mA
- Case protection grading: IP54



POWER SUPPLIES

BXM12

Microprocessor controlled power station 230 Vac / 13.8 Vdc, metallic box. Available as a universal version (BXM12/30-U or BXM12/50-U) for all control panels, and a BPI version (BXM12/30-B or BXM12/50-B) for KY0320.

- Restoration of BPI bus levels (BXM12/30-B and BXM12/50-B only)
- Insulator function (BXM12/30-B and BXM12/50-B only)
- Auxiliary power supply
- Max current: BXM12/30 = 3 A; BXM12/50 = 5 A



BAQ

Switching power supply battery-charger 230Vac/13.8Vdc.

- Max current: BAQ35T12 = 3 A; BAQ60T12 = 5 A



BA2C

Linear power supply battery-charger. 230 Vac / 13.8 Vdc.

- Max current: 2 A

