

# KYO320

**NEW**  
Hybrid expandable control panel  
for larger applications



**BENTEL**  
SECURITY

# KYO320

## KYO320

**The KYO320 is the flagship model of the KYO range. Its flexibility and excellence of tailored solutions make it truly unbeatable. It is the perfect solution for all applications. From the luxury home to the Bank — and everything in between. With the creation of the KYO320 Bentel wishes to consolidate its position as forerunner in the design and manufacture of security panels.**

### ZONES

- 344 zones in total, programmable for type, attribute and balance type
- 8 wired zones on main board, directly connected to vibration and roller-blind detectors
- Expandable up to 280 wired zones: 32 remote expander modules M-IN/6 (6 zones each), 32 remote LCD keypads (2 zones each) and 16 remote LED keypads (1 zone each)
- Management of 64 wireless zones
- 24h tamper zone on board
- 90° terminal blocks for an easier installation

### PARTITIONS

- 32 partitions in total, to divide the system in independent sections
- For each partition, individual management of keypads, codes, readers, keys, times and outputs

### KEYPADS

- 32 remote LCD keypads: Alison/S, Alison/DVP, Mia/S (1 zone), Mia/D (2 zones)
- 16 remote LED keypads: Alison/32LP (1 zone)
- 4 different partition assignments for each code
- 195 user codes, with 16 programmable typologies, to manage the system
- 5 installer codes, to program the system

### READERS

- 32 remote ECLIPSE (keys) and PROXI (keys and cards) proximity readers
- 2 different partition assignments for each reader
- 500 proximity keys and cards

### WIRELESS MANAGEMENT

- Management of 2 wireless receivers amongst VECTOR VRX32 433, VECTOR/RX and VECTOR/RX8
- Up to 64 wireless zones, by means of 2 wireless receivers VRX32 433 with 32 zones each
- Up to 32 keyfobs with 4 push buttons to manage the system, 16 for each VRX32 433 wireless receiver
- Management of VECTOR/RX8 (8 zones and 8 keyfobs each)
- Management of 2 VECTOR/QUAD repeaters: up to 4 wireless receivers of the same type in each, to increase the area of coverage.

### PROGRAMMABLE OUTPUTS

- 3 supervised 3A relay outputs on board
- 3 programmable 1 A open collector outputs on board
- Expandable up to 118 outputs: 16 remote expander modules M-OUT/6 (6 open collector outputs each, 150 mA), 16 remote LED keypads (1 open collector output each, 70mA)



# KY0320

## TIMERS

- Scheduler with daily, weekly or yearly management
- 4 Arm/Disarm actions per day per partition selected from 16 programmable day types, for automatic management of the system (holiday, overtime, etc)
- Automatic control of outputs by means of 64 timers with 4 on/off programmable operations per day, for automatic management of additional services (stair lights, heating, gates, etc)
- Automatic control of outputs, codes, keys and proximity cards by means of 64 timers, for periodic on/off actions on them.

## EVENT LOGGER

- 10.000 event logger with date and time
- Free choice of the event typology to be recorded
- Print capability by means of K3/PRT2 optional board, to be inserted on the mother board inside the control panel

## PHONE COMMUNICATOR

- Multi-protocol digital dialler
- Already equipped with DTMF management, for the remote full management of the system via DTMF standard telephones
- Telephone line check
- Programmable double call, in case of shared telephone line
- 50 phone numbers for telemonitoring, voice communications and teleservice
- 62 messages voice dialler (K3/VOX2 optional board, to be inserted on the mother board inside the control panel)
- 4 options for the quality of audio messages
- Voice driven menu via telephone line, to select the different functions
- DTMF signals for the remote full management of the system via DTMF standard telephones
- New digital communicator management, with ContactID/SIA default and programmable codes for each event
- Programmable test call, for the periodic check of the system
- Programmable callback for teleservice

## COMMUNICATION SERVICES AVAILABLE

- LAN and WAN management by means of B-NET communicator
- Future possibility of GSM/GPRS channel, by means of K3/GSM optional board to be inserted on the mother board inside the control panel

## POWER SUPPLY

- 3.5 A switching power supply
- 12V 17Ah battery, to supply the panel in case of black-out
- Check for main fault and battery efficiency
- Up to 8 additional power supplies BXM12-B/30 (3A) and BXM12-B/50 (5A), to supply remote devices and regenerate digital data

## FEATURES

- Main unit weight (without batteries): 5,55 kg
- Main unit dimensions (wxhxd): 339x488x108 mm



# KYO320



## **NEW** Hybrid expandable control panel for larger applications

- Expandable up to 344 zones and 32 areas
- Supports two wireless receivers (64 wireless zones)
- Manages 500 keys and/or proximity cards
- Up to 200 user codes
- 64 timers and 16 calendar profiles for maximum management of system access
- Graphical map of system events using WinBCS software
- IP communication for fast and secure system management and alarm monitoring via B-NET
- GSM/GPRS Alarms Communication through BGSMS-G module

Distributed by:



**BENTEL SECURITY s.r.l.**

Via Gabbiano 22, Zona Industriale

S. Scolastica - 64013 Corropoli (TE) Italy

Tel. +39 0861 839060 Fax. +39 0861 839065

[www.bentelsecurity.com](http://www.bentelsecurity.com) [infobentelsecurity@tycoint.com](mailto:infobentelsecurity@tycoint.com)

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