

SY-KA-03: Multifunctional Access Control Terminal

KA-03 has been developed with the aim to allow Control Access operating modes. It is produced according to EN29001 (ISO9001) certified processes and realized with the most advanced construction technologies.



The Terminal KA-03 is housed in a molded container, made of Zama, shock resistant and waterproof.

KA-03 is available in 3 different models:

- SY-KA03-BM: magnetic reader
- SY-KA03-RF: 125kHz proximity frequency reader
- SY-KA03-MF: 13.56MHz Mifare proximity reader

This terminal has specific functionalities and requirements designed to meet the following needs:

- easy to use
- Easy to install
- Minimum maintenance
- Memory up to 2880 messages associated with serial number
- Transaction memory up to 16000
- Link point-to-point to a single station detection
- Memory 1024 time slots grouped into 255 access policies
- Activate sirens and open gates

Micropocessor	H8 3062 16MHz HITACHI
Code Flash Memory	128 Kbyte
Data Flash Memory	512 Kbyte
RAM backup battery	5-years
Clock	Real Time Clock 10ppm precision
Reader	(RF) proximity 125kHz homologated frequency (MF) proximity 13,56MHz (Mifare) homologater frequency (BM) magnetic swipe 2 ISO 7810 track
Display	LED, 8 alphanumeric characters, high brightness and high constrast
Keypad	12 membrane keys
Beeper	Buzzer
Output	n. 2 N.A. contact realy 1A 24V max with remote relay management
Input	n. 2
Communication	n. 1 RS232/485 serial line, selectable by jumper n. 1 RS232 serial line
Battery pack	n. 2 NiMH 3,6V @ 1560mAH batteries
Power Supply	9/24Vdc power supply
Dimensions	85 x 130 x 34 mm (L x H x P)
Weight	About 1Kg