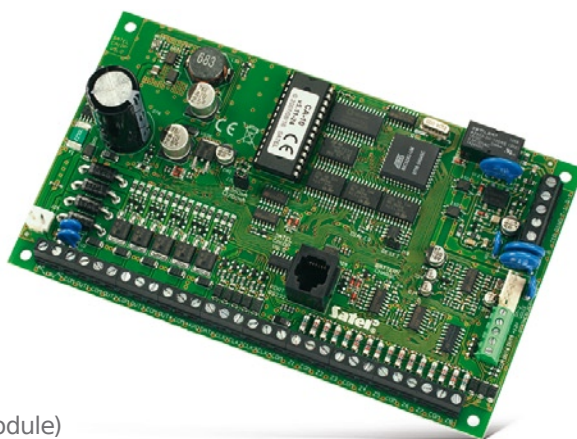# INTRUDER ALARM CONTROL PANEL
CA-10

CA-10 was designed with medium-size protected objects in mind. It offers a variety of functions for optimal configuration of security system. Operation and programming using LCD keypad makes the system user friendly for both the installer and the end user.

FEATURES

- up to 16 zones
    - support for NC, NO, EOL, 2EOL/NC and 2EOL/NO loop configurations
    - flexible selection of zone function
    - detector diagnostic tools
- 6 programmable outputs
- 4 partitions
- RS-232 port for local upload/download and event printing
- on-board PSTN telephone dialer for reporting, messaging and remote uploading/downloading
- system operation
    - LCD and LED keypads
    - remote operation by telephone (with optional MST-1 module)
- system programming
    - local (LCD/LED keypad, PC connected to RS-232 port)
    - remote (PC communicating via modem)
- system codes
    - up to 4 master user codes (1 code per partition)
    - up to 28 user codes (max 12 per partition)
    - 1 service code
- 4 timers
- event log with 255 entries
- event printing feature
- monitoring using ContactID and other protocols
    - 2 monitoring stations numbers
- messaging
    - 8 telephone numbers
    - 1 voice message
    - 4 text messages
- incoming call answering
    - partition state check
    - system operation (with optional MST-1 module)
- advanced telephone tone analysis:
    - TBR-21 compliant tone detection
    - intelligent redial attempts
    - programmable dialing sequence
- built-in 300bps modem
- autodiagnostic features for basic system components
- on-board switching mode power supply
    - controlled battery charging
    - load battery testing
    - battery deep discharge protection

TECHNICAL SPECIFICATION

SYSTEM FEATURES

Max number of zones	16
Max number of outputs	6
Bus communication with ABAX wireless controller	Yes
Partitions	4
User codes: users+master users+service	28+4+1
Expansion modules	Yes
Zone expansion in keypads	Yes
Event log	255
Event printing	Yes
Timers	4

SYSTEM OPERATION

LCD keypads	Yes
LED keypads	Yes
Radio remote controllers RX/RE support	Yes

MAINBOARD SPECIFICATION

Nominal mainbord supply voltage (±15%)	18 V AC, 50-60 Hz
Power supply type	A
Nominal power supply output voltage (±10%)	12 V DC
Power supply load capacity	2,2 A
High current programmable outputs load (±10%)	2,2 A
Low current programmable outputs load	50 mA
Max battery capacity	17 Ah
Environmental class	II
Operating temperature range	-10 °C…+55 °C
On-board zones	8
RS-232 port	Yes
PSTN telephone dialer	Yes
Built-in modem	Yes
Board dimensions (mm)	173 x 102

COMMUNICATION

Monitoring	Yes
Telephone messaging	Yes
Messaging telephone numbers	8
Voice messages	1
Text messages (Pager/SMS)	4
Upload/download functionality	Yes