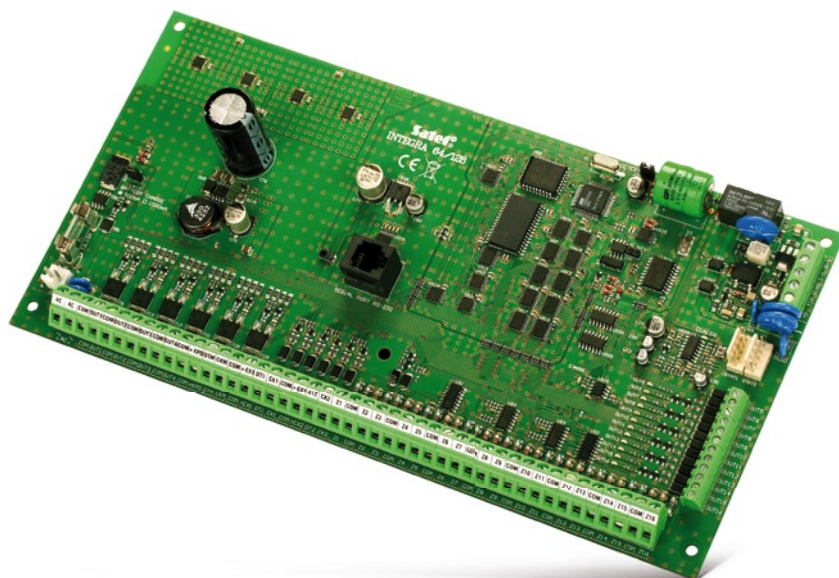# INTRUDER ALARM CONTROL PANEL
INTEGRA 128

Integra panels are the most powerful and advanced intruder alarm control panels manufactured by Satel. The family includes five control panels of unified hardware/software architecture that differ from each other with size and expansion possibilities. Unique scalability combined with
the selection of core components allow to suit the needs of most security applications. The versatility of these panels makes it possible to use them not only for intruder and hold-up systems, but also for access control and building automation.

FEATURES

- 16 up to 128 zones
- 32 partitions, 8 objects
- 16 up to 128 programmable outputs
- keypads and expansion modules buses
- built-in telephone dialer with monitoring, voice messaging and remote control features
- access control and home automation features
- system operation with LCD keypads, partition keypads, keyfobs
  and proximity cards or remotely with mobile phone or PC
- 64 independent timers for automatic control
- event log with 22527 entries and event printing feature
- 240+8+1 users
- flash firmware upgrade with a PC
- built-in 3A switching mode backup power supply with battery charging
  and diagnostic features

TECHNICAL SPECIFICATION

SYSTEM FEATURES

50131 security grade	Grade 3
Max total number of zones	128
Max number of addressable zones	112
Max number of wireless zones	112
Max number of programmable ouputs	128
Max number of wireless outputs	112
ABAX wireless system compatibility	Yes (bus communication)
User codes: users + master + service	32
Partitions	8
Objects	240+8+1
Expansion modules	64
Event log	22527
Timers	64

SYSTEM OPERATION

Max number of supported LCD keypads	8
Max number of partition keypads	64
Max number of proximity card readers / Dallas iButton readers + keypad readers	64+8

MAINBOARD SPECIFICATION

Nominal mainbord supply voltage (±15%)	20 V AC, 50-60 Hz
Power supply type	A
Nominal power supply output voltage (±10%)	13,7 V DC
Power supply load capacity	3 A
High current programmable outputs load	3 A
Low current programmable outputs load	50 mA
Max battery capacity	24 Ah
Environmental class	II
Operating temperature range	-10 °C…+55 °C
On-board zones	16
On-board outputs	16
Number of buses: keypad+expansion modules	1+2
Board dimensions	264 x 134 mm

COMMUNICATION

PSTN dialer	Yes
GSM communicator	Yes (external)
Messaging telephone numbers	16
Voice messages	32
Text messages (Pager/SMS)	64
ETHM-1 TCP/IP module support	Yes
TCP/IP monitoring	Yes
TCP/IP upload/download	Yes
Control via WWW browser	Yes
TCP/IP supervision with Guard application	Yes
Remote control with mobile phone	Yes