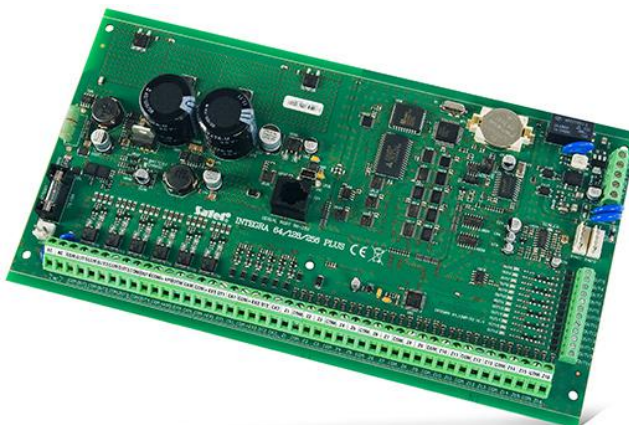


# INTEGRA 256 Plus

ALARM CONTROL PANEL MOTHERBOARD, FROM 16 TO 256 INPUTS AND OUTPUTS, COMPLIANT WITH THE GRADE 3 STANDARD

Thanks to their full compliance with the EN50131 Grade 3 requirements, the INTEGRA **Plus** series control panels provide a perfect solution for implementing advanced security systems in facilities subject to considerable burglary risk, e.g. jewellery shops or public utility buildings. These control panels ensure extended functionalities, which allow to use them to implement access control systems or even smart building systems.

- full compliance with the EN50131 series standards for Grade 3 devices
- in-built advanced 2A+1.5A power supply with extended diagnostic functions
- supports up to 256 inputs with a possibility to program parametric resistance and operate 3EOL lines (only motherboard inputs)
- USB for programming by means of a PC
- possibility to divide a system into 32 zones and 8 partitions
- extension to 256 programmable outputs
- communication buses to connect keypads and extension modules
- in-built phone communicator with monitoring, voice messaging and remote control functions
- system operation by means of LCD keypads, zone keyboards, keyfobs and proximity cards or remote control via computers or mobile phones
- 64 independent automatic control timers
- access control and home automation functions
- memory capacity - 24575 events, with a printout function
- operation of 240+8+1 users
- possibility of software updates by means of a computer



## TECHNICAL DATA

|  |                   |
|--|-------------------|
| Voice messages   | 32                |
| Low current programmable outputs rating                                  | 50 mA             |
| High current programmable outputs rating                                 | 3000 mA           |
| Event log  | 24575             |
| Objects  | 8                 |
| Partitions   | 32                |
| Timers   | 64                |
| Board dimensions   | 264 x 134 mm      |
| Operating temperature range  | -10...+55 °C      |
| Supply voltage (±15%)  | 20 V AC, 50-60 Hz |
| Weight   | 320 g             |
| Maximum humidity   | 93±3%             |
| Current consumption from battery - standby                               | 130 mA            |
| Recommended transformer type   | 75 VA             |
| Battery failure voltage threshold (±10%)                                 | 11 V              |
| Battery cut-off voltage (±10%)   | 10,5 V            |
| Environmental class according to EN50130-5                               | II                |
| Current consumption from the 230V network in standby                     | 135 mA            |
| Maximum current consumption from the 230V network                        | 400 mA            |
| Users + Administrators   | 240+8             |
| Maximum current consumption from the battery                             | 200 mA            |
| Maximum battery charging current   | 1500 mA           |
| Power supply current efficiency (supplying devices + charging batteries) | 2000 + 1500 mA    |
| Power supply output voltage  | 10,5...14 V DC    |
| Carrying capacity of the +KPD output (±10%)                              | 3000 mA           |
| Carrying capacity of the +EX1 and +EX2 outputs (±10%)                    | 3000 mA           |
| Programmable wired inputs  | 16                |
| Maximum number of programmable inputs                                    | 256               |
| Programmable wired outputs   | 16                |
| Maximum number of programmable outputs                                   | 256               |
| Supplying outputs  | 3                 |
| Communication buses  | 1+2               |
| Manipulators   | to 8              |
| Extender circuits  | to 64             |
| Telephone numbers for notification (voice/PAGER + SMS)                   | 16+16             |
| Installer-defined text messaged  | 64                |
| Security grade according to EN 50131                                     | Grade 3           |