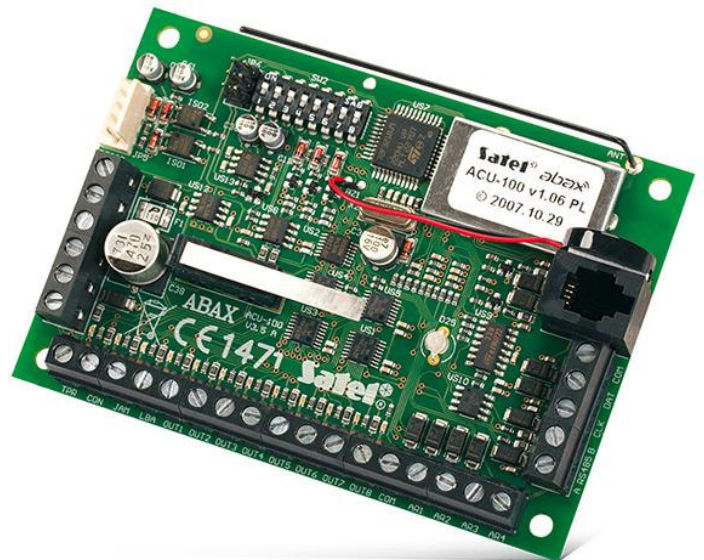# ACU-100

WIRELESS SYSTEM CONTROLLER

The **ACU–100** controller makes it possible to use ABAX wireless system devices with SATEL control panels,
i.e. **INTEGRA** and **VERSA** as well as facilitates wireless extension of practically any wired alarm system. The **ACU–100** module makes it possible to operate up to 48 wireless devices and, additionally, provides a number of tools streamlining installation and consecutive system maintenance.

- supports up to 48 wireless devices
- 4 up to 24 control inputs (NO/NC)
- 8 up to 48 programmable outputs (OC type)
- 4 predefined functional outputs indicating:
    - tamper
    - communication problem
    - radio jamming
    - low battery condition
- communication bus for **INTEGRA, VERSA** and **CA–10** panels
- support for virtually any intruder control panel by hardwiring controller outputs with panel zones
- system settings programming
    - LCD keypad connected directly to the controller for programming only
    - LCD keypad of **INTEGRA** panels in service mode
    - PC with **DLOAD10** connected to controller's RS–232 for programming only
    - PC with **DLOADX** connected to **INTEGRA** control panel for upload/download
- RS–232 port with optical isolation
- FLASH based firmware for easy updates

TECHNICAL DATA

Environmental class	II
Supply voltage	12 V DC
Outputs rating	50 mA
Enclosure dimensions	126 x 158 x 32 mm
Operating temperature range	-10...+55 °C
Operating frequency range	868,0 ÷ 868,6 MHz
Standby mode current consumption	140 mA
Max. current consumption	140 mA
Radio communication range (in open area)	up to 500 m