

# 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.

- support for up to 48 wireless devices of **ABAX** or **ABAX 2** system (version 4.04 or higher):
  - detectors – ABAX system: **AFD-100, AGD-100, AMD-100, AMD-101, AMD-102, AMD-103, APD-100, APMD-150, AOD-200, ARD-100, ASD-100, ASD-110, ATD-100, AVD-100**
  - detectors – ABAX 2 system: **APD-200, APD-200 Pet, APMD-250, AOD-210, AXD-200, AGD-200, ASD-200**
  - sirens – ABAX system: **ASP-100 R, ASP-105 R, ASP-205 R**
  - sirens – ABAX 2 system: **ASP-215 R**
  - other – ABAX system: **ACX-200, ACX-201, ARF-100, ARU-100, ASW-100 E / ASW-100 F**
  - other – ABAX 2 system: **ACX-210, ACX-220, ARF-200, ASW-210**
- support for up to 248 keyfobs (depending on the control panel): **APT-100, APT-200**
- 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

