

ACU-270

MINIATURE ABAX WIRELESS SYSTEM CONTROLLER

The **ACU-270** controller can be used with the control panels of **INTEGRA** and **VERSA** families, allowing expansion of the system by adding wireless devices. It provides two-way communication with confirmation of all transmissions. It also allows the alarm system to be operated by means of wireless keypads as well as remote control keyfobs of the **ABAX** bidirectional system.

The advantage of the **ACU-270** controller is its excellent range – up to 500 m in open area, obtained through the use of an advanced radio system. In addition, the **ACU-270** is installed in a compact enclosure. This makes the controller practically invisible.



- interfacing with the control panels of **INTEGRA** and **VERSA** families (connection through the communication bus)
- support for up to 48 wireless devices of the **ABAX** system:
 - detectors: **AFD-100, AGD-100, AMD-100, AMD-101, AMD-102, AMD-103, APD-100, APMD-150, AOD-200, AOCD-250, ARD-100, ASD-110, ASD-150, ATD-100, AVD-100**
 - sirens: **ASP-100 R, ASP-105 R, ASP-205 R**
 - other: **ACX-200, ACX-201, ARF-100, ARU-100, ASW-100 E / ASW-100 F**
- support for up to 8 wireless keypads within the **ABAX** system (depending on the control panel)
- support for up to 248 **APT-100** keyfobs (depending on the control panel)
- two-way encrypted radio communication in the 868 MHz frequency band
- up-to-date radio system
- programming the controller via the control panel by using:
 - keypad in the service mode
 - **DLOADX** program
- RS-232 TTL port to connect a computer, which makes controller firmware update without having to dismantle the controller possible, as well as diagnostics from the **DLOAD10** program
- tamper switch responding to the enclosure opening/separation from mounting surface
- compact enclosure for easy installation in a suitable place

TECHNICAL DATA

Supply voltage	12 V DC
Enclosure dimensions	26 x 112 x 29 mm
Operating temperature range	-10 °C...+55 °C
Standby mode current consumption	47 mA
Max. current consumption	75 mA
Weight	48 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Radio communication range (in open area)	up to 500 m
Environmental class according to EN50130-5	II
Complied with standards	EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-3, EN 50131-5-3
Security grade according to EN50131-3	Grade 2

