ACU-280



ACU–280 provides two–way, encrypted (AES standard) communication in the 868 MHz (or 915 MHz)* band – all radio transmissions between components of the ABAX 2 system are acknowledged. It works together with the **INTEGRA**, **INTEGRA Plus**, **VERSA**, **PERFECTA 64 M** and **PERFECTA–IP 64 M** control panels, enabling wireless devices to be added to the alarm system.

Because of its small size, it requires little space for installation.

The device meets the high EN 50131 requirements for Grade 2.

An advantage of the controller is its excellent transmission range, which can be up to 1600 m in the open area, depending on the device working with the controller and their operating conditions. Such good communication parameters are obtained thanks to the use of a modern radio system.

The controller can be programmed via the control panel, a keypad, or the **DLOADX** or **PERFECTA Soft** configuration programs. For advanced diagnostics of the wireless system operation, the **ABAX 2 Soft** program is used. Configuration, as well as firmware upgrade and testing of enrolled wireless devices are carried out by radio, without having to demount them.

- compliance with the EN 50131 Grade 2 requirements
- two–way radio communication in the 868 MHz* band – 4 channels
- range up to 1600 m in the open area
- support for up to 48 wireless system devices
- support for wireless keypads: **INT–KWRL2** – up to 4, **VERSA–KWRL2** – up to 6, **PRF–LCD–A2** – up to 2
- support for up to 248 **APT–200** wireless keyfobs
- works together with the **INTEGRA**, **INTEGRA Plus**, **VERSA**, **PERFECTA 64 M** or **PERFECTA–IP 64 M** control panels – connection to the communication bus
- programming controller settings via:
  - control panel service menu or **DLOADX** program – when working with the **INTEGRA**, **INTEGRA Plus** or **VERSA** control panels
  - control panel service menu or **PERFECTA Soft** program – when working with the **PERFECTA 64 M** and **PERFECTA–IP 64 M** control panel
- firmware update without demounting of the controller
- remote configuration and updating of devices registered to the controller
- compact sizes
- easy installation in the **OPU–4 P** enclosure using the **HOLDER A2** mount
- tamper protection
- power supply: 12 V DC

* Depending on the country, a different frequency band may be used.
Note – in the EU, this radio equipment is only permitted to operate in the 868 MHz frequency band.

Supply voltage	12 V DC
Enclosure dimensions	24 x 135 x 29 mm
Operating temperature range	-10°C...+55°C
Standby mode current consumption	55 mA
Max. current consumption	60 mA
Weight	48 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
Radio communication range (in open area)	up to 1600 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

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.