

# ACX-220

## WIRELESS EXPANDER OF WIRED ZONES/OUTPUTS

The **ACX-220** module enables wired devices (detectors, sirens, etc.) to be used in the **ABAX 2/ABAX** wireless system. It has 4 programmable zones with support for the NO and NC type wire detectors and EOL, 2 EOL configurations, as well as 4 programmable relay outputs.

Configuration of settings and updating of firmware of **ACX-220** are carried out remotely. In the **ABAX 2** system, two-way radio communication is encrypted using is AES encrypted.

The expander is supplied with 12 V DC voltage and works together with the **APS-412**, **APS-612** or **APS-1412** buffer power supply units.

The device has a tamper switch that reacts to opening of enclosure.

- adding wired devices to the **ABAX 2** or **ABAX** system
- compatible with:
  - **ABAX 2** system controllers (**ACU-220** and **ACU-280**) and **ARU-200** radio signal repeater
  - **ABAX** system controllers (**ACU-120**, **ACU-270**, **ACU-250** and **ACU-100** (min. version 4.04), **INTEGRA 128-WRL** control panel and **ARU-100** radio signal repeater – the required version of the device firmware should be checked in its description on the website
- range of radio communication in the open area:
  - in **ABAX 2**: up to 2000 m (with **ACU-220**) / up to 1600 m (with **ACU-280**)
  - in **ABAX**: up to 500 m
- 4 programmable zones – support for wired detectors in NO, NC, EOL, 2EOL/NO and 2EOL/NC configurations
- 4 programmable relay outputs
- remote configuration and update of the firmware
- tamper protection
- power supply: 12 V DC, compatible with **APS-412**, **APS-612**, **APS-1412**



## TECHNICAL DATA

Supply voltage	12 V DC
Enclosure dimensions	126 x 158 x 32 mm
Operating temperature range	-10 °C...+55 °C
Standby mode current consumption	35 mA
Max. current consumption	120 mA
Weight	204 g
Maximum humidity	93±3%
Operating frequency band	868,0 ÷ 868,6 MHz
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
Radio communication range (in open area) for ACU-120	up to 500 m
Radio communication range (in open area) for ACU-270	up to 500 m
Relay outputs (resistive load)	1000 mA / 24 VDC
Radio communication range (in open area) for ACU-220	up to 2000 m
Radio communication range (in open area) for ACU-280	up to 1600 m