

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)
 - $\circ~$ in $\boldsymbol{ABAX} : up to 500 \, m$
- 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 <u>±</u> 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

