

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** 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** (**ACU-120** and **ACU-270**), **INTEGRA 128-WRL** control panel and **ARU-100** radio signal repeater
- 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**



TECHNISCHE DATEN

Spannungsversorgung (±15%)	12 V DC
Abmessungen des Gehäuses	126 x 158 x 32 mm
Betriebstemperatur	-10 °C...+55 °C
Ruhestromaufnahme	35 mA
Max. Stromaufnahme	120 mA
Gewicht	204 g
Max. Luftfeuchtigkeit	93±3%
Betriebsfrequenzband	868,0 ÷ 868,6 MHz
Umweltklasse gem. EN50130-5	II
Erfüllte Normen	EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-3, EN 50131-5-3
Sicherheitsgrad gem. EN 50131-3	Grade 2
Funkreichweite (im Freifeld) für ACU-120	bis 500 m
Funkreichweite (im Freifeld) für ACU-270	bis 500 m
Funkreichweite (im Freifeld) für ACU-220	bis 2000 m
Funkreichweite (im Freifeld) für ACU-280	bis 1600 m