

# ACX-201

## ZONES AND OUTPUTS EXPANSION WIRELESS MODULE

The ACX-201 wireless zones and outputs expander is an expansion module that enables wired devices to be included into the **ABAX** two-way wireless system. It is provided with 4 zones for connecting wired detectors, 4 relay outputs to operate e. g. sirens, and an NC type tamper switch. Additionally, the module has a built-in high-efficiency switching power supply with overload protection and battery status monitoring circuit. The maximum range of wireless communication is 500 m in open area. The ACX-201 expander is compatible with **INTEGRA 128-WRL** control panel, **ACU-120**, **ACU-270** and the older **ACU-100** and **ACU-250** controllers, as well as with **ARU-100** radio signal repeater.

- **ABAX** wireless interconnect for hardwired security equipment
- 4 zones: NO, NC, EOL, 2EOL/NO, 2EOL/NC configurations support
- 4 independent relay outputs
- tamper protection
- 1.2 A switching mode power supply with battery test and overload protection features



### TECHNICAL DATA

Power supply rating	1,2 A
Board dimensions	147 x 70 mm
Operating temperature range	-10...+55 °C
Operating frequency range	868,0 ÷ 868,6 MHz
Weight	130 g
Maximum humidity	93±3%
Current consumption from battery - standby	75 mA
Battery failure voltage threshold (±10%)	11 V
Battery cut-off voltage (±10%)	10,5 V
Radio communication range (in open area)	up to 500 m
Environmental class according to EN50130-5	II
Supply voltage (±10%) [V AC]	18 V AC
Current consumption from the 230V network in standby	60 mA
Maximum current consumption from the 230V network	250 mA
Maximum current consumption from the battery	150 mA
Relay outputs rating (resistive load)	1000 mA / 24 VDC
Output voltage range	10,5 V...14 V DC
Battery charging current	350 mA
Power supply output voltage	12 V DC ±15%
Current-carrying capacity, AUX1 output	500 mA / 12 V DC
Current-carrying capacity, AUX2 output	500 mA / 12 V DC