AGD-200

WIRELESS GLASS BREAK DETECTOR

The **AGD–200** detector is designed to detect the breaking of panes of regular, tempered and laminated glass. For detection, it uses advanced dual–path signal analysis. Sensitivity of its built–in microphone can be adjusted. The device works as part of the **ABAX 2**/**ABAX** two–way wireless system.

Configuration of **AGD–200** and updating of its firmware are carried out remotely. Radio communication in the **ABAX 2** system is AES encrypted.

The detector is characterized by low energy consumption. It is powered by a CR123A 3 V lithium battery, whose status is constantly monitored. The "ECO" option (available in **ABAX 2** only) extends the device operation time even fourfold without having to replace the battery.

The device is provided with a LED indicator of violations in the test mode, etc. Additionally, it comes with tamper protection against opening of the enclosure and removal from the mount.

The detector is available in white (**AGD–200**), brown (**AGD–200 BR**) and dark gray (**AGD–200 DG**).

- detection of breaking of regular, tempered and laminated glass panes
- advanced dual–path (multi–frequency) signal analysis
- compatible with:
  - ABAX 2 system controllers (**ACU–220** and **ACU–280**) and **ARU–200** radio signal repeater
  - ABAX system controllers (**ACU–120**, **ACU–270** and older **ACU–100**, **ACU–250**), **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 1200 m (with **ACU–280**)
  - in ABAX: up to 500 m
- remote configuration and updating of the firmware
- detection sensitivity control
- built–in temperature sensor (temperature measurement in the range from –10°C to +55°C)
- LED indicator of violations in test mode
- low energy consumption and battery status check
- "ECO" option for extending battery life (in **ABAX 2** only)
- power supply: CR123A 3 V battery
- tamper protection against opening of the enclosure / removal from the mount

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

TECHNICAL DATA

Battery working time (in years)	up to 2
Operating temperature range	-10°C...+55°C
Max. current consumption	25 mA
Weight	39 g
Maximum humidity	93±3%
Operating frequency band	868,0 Mhz ÷ 868,6 MHz
Battery	CR123A 3V
Standby current consumption	90 µA
Dimensions	20 x 102 x 23 mm
Environmental class according to EN50130-5	II
Complied with standards	EN 50130-4, EN 50130-5, EN 50131-5-3
Temperature measurement accuracy	±1°C
Detection range	up to 6 m
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
Radio communication range (in open area) for ACU-220	up to 2000 m
Radio communication range (in open area) for ACU-280	up to 1200 m
Temperature measurement range	-10°C...+55°C

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