

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** 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 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 $+55^{\circ}\text{C}$)
- 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



TECHNISCHE DATEN

Lebensdauer der Batterie (in Jahren)	bis 2
Betriebstemperatur	-10 °C...+55 °C
Max. Stromaufnahme	25 mA
Gewicht	39 g
Max. Luftfeuchtigkeit	93±3%
Betriebsfrequenzband	868,0 MHz - 868,6 MHz
Batterie	CR123A 3V
Ruhestromaufnahme	90 µA
Abmessungen	20 x 102 x 23 mm
Umweltklasse gem. EN50130-5	II
Erfüllte Normen	EN 50130-4, EN 50130-5, EN 50131-5-3
Genauigkeit der Temperaturmessung	±1 °C
Erfassungsbereich des Melders	bis 6 m
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 1200 m