Secoris wireless glass break alarm (acoustic)

DETECTS GLASS BREAKAGE BY THE SOUND

Simply efficient
The acoustic wireless glass break alarm detects the sound of breaking glass panes (windows, glass doors) and reports the glass breakage to the Secoris intrusion alarm system or Secvest alarm system. The acoustic sensor monitors almost the entire room.

2-stage detection: false alarm as good as impossible
The sensor detects the typical sound components of breaking glass (low and high frequencies) in two stages: first the sound of the actual glass breaking, then the sound of the shards hitting the floor. An alarm is issued only if both criteria are fulfilled. This minimises the risk of false alarms.

Optimum mounting, reliable room monitoring
The detector should be aimed directly at the window surface to be monitored (distance to the glass front 2 to max. 9 m).Technical notes: Interference noises in the immediate vicinity and the "window environment" (curtains, flowers, intruder-resistant glass, etc.) can reduce the detection range. Acoustic alarms are not recommended for rooms with carpeted floors (carpet can dampen the impact sound of the shards).

Secure wireless connection
The wireless glass break alarm has a long range. It is taught into the Secoris control panel via the BUS wireless extension (BUM060030). The highly encrypted connection is protected against tampering and so-called replay attacks by a secure wireless protocol.

Technologies

- Acoustic glass break alarm: detects the specific sound of glass breaking

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- Monitors a window or a window front in the room (without being placed directly on the pane)
- Wireless detector easily retrofittable without cable (battery life up to 2 years)
- Display of the wireless signal strength on the unit (coloured LED)
- High security: tamper monitoring (cover and wall tear-off contact)
- Glass break alarm can be used in Secoris wireless mode (BUM060030) or Secvest wireless mode (FUAA50000, FUAA50500)
- Wireless connection in Secoris wireless mode AES128-encrypted and replay-protected
- Compliant with EN 50131

Technical data - Secoris wireless glass break alarm (acoustic)

Battery - fixed	No
Battery - max. battery life	2 y
Battery - type	3V DC lithium CR2 battery
Certifications	compliant to EN 50131-1
Colour	white
Compatible with	Secoris, Secvest
DC voltage supply	3 V
Detector coverage area (m)	6 m
Dimensions	(WxHxD) 108x80x43 mm
Environmental class	II
Height	80 mm
Housing material	ABS
Installation location	Across from the glass surfaces to be monitored
Length	43 mm
Max. humidity	85 %
Max. operating temperature	55 °C
Max. receiving range (building)	30 m
Max. receiving range (free field)	700 m
Max. transmission range (building)	30 m
Max. transmission range (free field)	700 m
Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0,14 kg
Power consumption	24 mA
Radio frequency	868,09 MHz

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Radio frequency 2	868,23 MHz
Radio frequency 3	868,37 MHz
Radio frequency 4	868,51 MHz
Radio frequency 5	868,6625 MHz
Radio power	10 mW
Sabotage monitoring	Yes
Security level	2
Sensor type	Microphone sensor technology
Standby power consumption	0,021 mA
Status display	Yes
Type of detection	Audible
VdS class	other
Voltage monitoring	Yes
Width	108 mm