Secoris wireless glass break alarm (acoustic)



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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	Dattam. Guad	AL-
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) Max. receiving range (free field) Max. transmission range (free field) Min. operating temperature - 10 °C Modulation 2FSK Net weight 0,14 kg Power consumption 24 mA		
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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) Max. receiving range (free field) Max. transmission range (free field) Max. transmission range (free field) Min. operating temperature -10 °C Modulation 2FSK Net weight 0,14 kg Power consumption 24 mA	Compatible with	Secoris, Secvest
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) Max. receiving range (free field) Max. transmission range (free field) Max. transmission range (free field) Min. operating temperature -10 °C Modulation 2FSK Net weight 0,14 kg Power consumption 24 mA	DC voltage supply	3 V
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) Max. receiving range (free field) Max. transmission range (free field) Max. transmission range (free field) Min. operating temperature 700 m Modulation 2FSK Net weight Power consumption ACross from the glass surfaces to be monitored ACROSS FORM TOB MONITORIAL SURFACE BO MM Max. humidity 85 % 80 Mm 90 M 9	Detector coverage area (m)	6 m
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 30 m (building) Max. receiving range (free field) Max. transmission range (building) Max. transmission range (free field) Max. transmission range (free field) Min. operating temperature Modulation 2FSK Net weight 0,14 kg Power consumption 24 mA	Dimensions	(WxHxD) 108x80x43 mm
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Max. receiving range (building) Max. receiving range (free field) Max. transmission range (building) Max. transmission range (free field) Max. transmission range (free field) Min. operating temperature -10 °C Modulation 2FSK Net weight 0,14 kg Power consumption 24 mA	Max. humidity	85 %
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Max. transmission range (building) Max. transmission range (free field) Min. operating temperature Modulation 2FSK Net weight Power consumption 30 m 700 m 700 m 710 °C 700 m 710 °C 700 m 710 °C 710 °	Max. receiving range (free	700 m
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Max. transmission range (free field) Min. operating temperature -10 °C Modulation 2FSK Net weight 0,14 kg Power consumption 24 mA	Max. transmission range	30 m
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Min. operating temperature -10 °C Modulation 2FSK Net weight 0,14 kg Power consumption 24 mA	Max. transmission range (free	700 m
Modulation2FSKNet weight0,14 kgPower consumption24 mA	field)	
Modulation2FSKNet weight0,14 kgPower consumption24 mA	Min. operating temperature	-10 °C
Power consumption 24 mA		2FSK
·	Net weight	0,14 kg
Radio frequency 868 09 MHz	Power consumption	24 mA
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Technical data - Secoris wireless glass break alarm (acoustic)

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