

Secvest 2WAY Wireless Glass Breakage Detector

Art.-Nr. FU8370

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The acoustic Secvest 2WAY wireless glass breakage detector is a component of the Secvest 2WAY and is also suitable for the Terxon with a wireless expansion module. It reacts to the specific noise of breaking windows. Breakage of glass is detected and reported to the alarm control panel. The wireless glass breakage detector has a sensor monitoring the entire room. It should be aimed directly at the window pane to be monitored. The best position is approx. 2-3 meters from the front of the glass, the maximum distance is 6 meters. The detection range of the detector may be reduced by interfering noises from the near surroundings and by the immediate "window surroundings" (curtains, flowers, interior window sills, burglary-resistant glass, etc.). The wireless glass breakage detector reacts to the sound frequency of breaking glass (low and high-frequency sounds). This occurs in two stages: a sharp rise in amplitude while the glass breaks, falling off of the amplitude caused by the glass pieces falling down and hitting the floor. First the breaking glass, then the impact of the pieces of glass: The wireless glass breakage detector only triggers an alarm if these criteria are met. This prevents false alarms.

Technologies

- Acoustic detection of breaking glass
- For monitoring glass surfaces
- Distance from glass up to 6 m
- Distinguishes shattering window panes from drinking glasses
- No wiring needed on the window

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Technical data - Secvest 2WAY Wireless Glass Breakage Detector

Battery - max. battery life	2 y
Battery - type	3V DC lithium CR2 battery
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. transmission range (building)	30 m
Max. transmission range (free field)	100 m
Min. operating temperature	-10 °C
Modulation	FM
Net weight	0,14 kg
PSTI conformity required	No
Radio frequency	868,6625 MHz
Radio power	10 mW
Sabotage monitoring	Yes
Security level	2
Sensor type	Microphone sensor technology
Status display	Yes
Type of detection	Audible
Voltage monitoring	Yes
Width	108 mm