

FU8370

Secvest 2WAY Wireless Glass Break Detector

The acoustic Secvest 2WAY wireless glass break 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 break 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 9 meters. The detection range of the detector may also 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 break 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

a falling off amplitude, caused by the pieces of glass falling down and hitting the floor.

First the breaking glass, then the impact of the pieces of glass: The wireless glass break detector only triggers an alarm if these criteria are met. This prevents false alarms.



Product highlights:

- Reliable (acoustic) detection of breaking glass
- For monitoring glass surfaces
- Distance to glass: up to 9 m
- Differentiates between bursting window panes and drinking glasses
- No wires required on window

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Technical Data

Environmental class	I	HF-immunity	10 V/m
Degree of safety	2 EN50131-3	power supply	3.0V DC, Li battery type CR2
Microphone	omni-directional characteristics	Error message "spent battery"	<2.4V
Detection range	<9m	Frequency	868.6625 MHz
Operating temperature	-10°C to +55°C	HF transmitting power	10 mW (antenna input)
Humidity	<85% relative humidity	Monitored against sabotage	yes
Dimensions (WxHxD)	108x80x43 mm	Supervision message	every 4 minutes
Weight	140g	Housing material	ABS