GlassProtect

Small wireless detector that notifies of glass being broken by intruders. It is installed at a distance of 9 m from the window and filters events that cause false alarms about breakage.

- Authentication to prevent forgery
- Jamming detection and communication channels encryption
- Tampering alarm

Operates up to 7 years without battery replacement	Ignores thunder, dogs barking and noise outside the window	Detects breakage at a distance of up to 9 m

Principle of operation

Detects broken glass using an electret microphone, which registers the sound of impact against the glass and of the glass falling.

Features

Two-factor detection of broken glass prevents false alarms caused by thunder, dogs barking and noise from passing trucks.

Installation and set up

Ready to operate straight out the box: the battery is already installed, therefore there is no need to disassemble the detector. With one click, it can be connected to the hub in the mobile application. It can be mounted on the SmartBracket in just a few minutes.

Tech specs

Classification	Surface sound radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates only with Hub, Hub Plus, ReX, ocBridge Plus, uartBridge
Sensing element	Electret microphone
Break detection distance	Up to 9 m
Alarm signal delivery time	0.15 s

Sensitivity	Adjustable, 3 levels
Detection angle	180°
Power supply	Battery: CR123A battery Power supply voltage: 3 V Battery life — up to 7 years
Jeweller radio technology	Communication range with central unit — up to 1,000 m in an open space Two-way communication between devices Operating frequencies — 868.0-868.6 MHz Self-adjusting RF output power — up to 20 mW Block encryption based on AES algorithm Detector polling period — 12−300 s Learn more about Jeweller >
Temperature sensor	Available
Operating temperature range	From -10°C to +40°C
Permissible humidity	Up to 75%
Anti-sabotage	Protection against fraud Jamming detection Tamper-resistant
Remote setting and testing	+
Dimensions	Diameter: 20 mm Height: 90 mm
Weight	30 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty. Learn more >
Complete set	GlassProtect glass break detector SmartBracket mounting panel CR123A battery (pre-installed) External contact Installation set User's guide