

CombiProtect

Wireless combined motion and glass break detector. The device helps to secure the room from intruders entering through doors and windows, and monitors the current state of the glass.

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

Operates up to 5 years without battery replacement	Ignores cats and dogs with weight of up to 20 kg and height up to 50 cm	Detects motion at a distance of up to 12 m and breakage at up to 9 m
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Principle of operation

The device combines the functions of two detectors — motion detector and glass break detector. It detects motion in the room at a distance of up to 12 m and registers broken glass at a distance of up to 9 m from the window.

Features

The device detects motion even in hot climates by means of temperature compensation. It filters false alarms caused by thunder, dogs barking or the sound of 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	Electro-optical combined radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates only with Hub , Hub Plus , ReX , ocBridge Plus , uartBridge
Sensing element	PIR sensor, electret microphone
Alarm signal delivery time	0.15 s
Motion detection distance	Up to 12 m
Detection angles	Horizontal — 88.5° Vertical — 80°
Recommended installation height	2.4 m
Pet immunity	Weight — up to 20 kg Height — up to 50 cm
Break detection distance	Up to 9 m
Detection angle	180°
Sensitivity	Adjustable, 3 levels
Power supply	Battery: CR123A battery Power supply voltage: 3 V Battery life — up to 5 years
Jeweller radio technology	Communication range with central unit — up to 1,200 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
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	110x65x50 mm
Weight	92 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	CombiProtect combined motion and glass break detector SmartBracket mounting panel CR123A battery (pre-installed) Installation set User's guide