

# DoorProtect

Wireless opening detector that notifies of first signs of room intrusion by means of a broken door or window. It can be mounted on all types of doors including a metal base.

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

Operates up to 7 years without battery replacement	External contact is available for connecting third-party detectors	Includes magnets of various sizes for installation on narrow frames and door frames
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## Principle of operation

The device detects the door or window being opened by means of British-made hi-end reed switches on which the magnetic field acts. It can operate in the transmitter mode, sending a signal from the wired sensor to the hub.

## Features

The device consists of two modules — detector and magnet. The set includes two magnets: the big magnet is installed at a distance of up to 2 cm, and the small magnet up to 1 cm.

## 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	Point magnetic and contact radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with all Ajax <a href="#">hubs</a> , <a href="#">range extenders</a> , <a href="#">ocBridge Plus</a> , <a href="#">uartBridge</a>
Sensing element	Reed switch
Alarm signal delivery time	0.15 s

Activation threshold	Small magnet — 1 cm Big magnet — 2 cm
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 1,200 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  <a href="#">Learn more about Jeweller &gt;</a>
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	29 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.  <a href="#">Learn more &gt;</a>
Complete set	DoorProtect opening detector SmartBracket mounting panel Two magnets CR123A battery (pre-installed) External contact Installation set User's guide