

DoorProtect Plus

Wireless opening detector notifies of first signs of intrusion into the room through the door or window. It is installed even on roof windows which can be left open when leaving the house.

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

Operates up to 5 years without battery replacement	Registers change in vertical slope angle, bangs and vibration	External contact is available for connecting third-party detectors
--	---	--

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 protects even windows left open for ventilation. The accelerometer registers changes in vertical slope angle, bangs or vibration and sends an alarm to the hub.

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	Combined point magnetic contact and vibration radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with all Ajax hubs , and range extenders
Sensing element	Reed switch, accelerometer
Alarm signal delivery time	0.15 s
Activation threshold	Small magnet – 1 cm Big magnet – 2 cm Tilt: more than 5°
Power supply	Battery: CR123A battery

	<p>Power supply voltage: 3 V</p> <p>Battery life – up to 5 years</p>
Jeweller radio technology	<p>Communication range with central unit – up to 1,200 m in an open space</p> <p>Two-way communication between devices</p> <p>Operating frequencies – 868.0-868.6 MHz</p> <p>Self-adjusting RF output power – up to 20 mW</p> <p>Block encryption based on AES algorithm</p> <p>Detector polling period – 12-300 s</p> <p>Learn more about Jeweller ></p>
Temperature sensor	Available
Operating temperature range	From -10°C to +40°C
Permissible humidity	Up to 75%
Anti-sabotage	<p>Protection against fraud</p> <p>Jamming detection</p> <p>Tamper-resistant</p>
Remote setting and testing	+
Dimensions	<p>Diameter: 20 mm</p> <p>Height: 90 mm</p>
Weight	29 g
Certification	Grade 2, CE
Warranty	<p>Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.</p> <p>Learn more ></p>
Complete set	<p>DoorProtect Plus opening detector</p> <p>SmartBracket mounting panel</p> <p>Two magnets</p> <p>CR123A battery (pre-installed)</p> <p>External contact</p> <p>Installation set</p> <p>User's guide</p>