

# FireProtect

Wireless fire detector with temperature sensor that monitors security in the room twenty four hours a day and immediately notifies of smoke and sharp jumps in temperature.

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

Registers smoke and sharp jumps in temperature in the room	Can operate independently from Ajax Hub, notifying of danger by means of a built-in siren	Independently tests the smoke chamber and gives prompt notification of the need to dust
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## Principle of operation

The device detects smoke by means of a camera with photoelectric sensor. If no smoke is emitted, the additional detector registers temperature increase in the room.

## Features

It can operate independently from the hub, emitting a fire alarm by means of a built-in siren. Several detectors indicate an alarm simultaneously.

## 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	Radio channel smoke detector with temperature sensor and built-in siren
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates only with <a href="#">Hub</a> , <a href="#">Hub Plus</a> , <a href="#">ReX</a> , <a href="#">ocBridge Plus</a> , <a href="#">uartBridge</a>
Sensing element	Photoelectric and temperature sensors
Activation threshold	+54°C to +65°C
Type of notification	Sound/light

Volume of built-in siren	85 dB
Alarm signal delivery time	0.15 s
False alarm filter	+
Interconnected alarms	+
Power supply	Battery: Two CR2 batteries Power supply voltage: 3 V Battery life — up to 4 years  Backup battery: CR2032
Jeweller radio technology	Communication range with central unit — up to 1,300 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>
Additional temperature sensor	Available
Operating temperature range	From 0°C to +65°C
Permissible humidity	Up to 80%
Anti-sabotage	Protection against fraud Jamming detection Tamper-resistant
Remote setting and testing	+
Dimensions	132x132x31 mm
Weight	220 g
Certification	EN 14604
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	FireProtect detector SmartBracket mounting panel 2 x CR2 batteries (pre-installed) 1 x CR2032 backup battery (pre-installed) Installation set User's guide