



# AJAX

## Tech specs

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### FireProtect

**Classification** Radio channel smoke detector with temperature sensor and built-in siren

**Type of detector** Wireless

**Installation method** Indoors

**Compatibility** Operates with all Ajax Hubs and Range Extenders

**Sensing element** Photoelectric and temperature sensors

**Alarm signal delivery time** 0.15 s

**Activation threshold** +59°C ±2°C

**Type of notification** Sound/light

**Volume of built-in siren** 85 dB

**False alarm filter** +

**Interconnected alarms** +

**Additional temperature sensor** Available

**Power supply** Battery: Two CR2 batteries, 3 V  
Backup battery: CR2032

**Battery life** Up to 4 years

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**FireProtect****Jeweller radio technology**

Communication range with central unit – up to 1,300 m in an open space  
Two-way communication between devices

Radio frequency bands (depends on the region of sale):  
866.0 – 866.5 MHz  
868.0 – 868.6 MHz  
868.7 – 869.2 MHz  
905.0 – 926.5 MHz  
915.85 – 926.5 MHz  
921.0 – 922.0 MHz

Self-adjusting RF output power – up to 20 mW  
Block encryption based on AES algorithm  
Detector polling period – 12–300 s

**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**

132 × 132 × 31 mm

**Weight**

220 g

**Warranty**

Replacement and repair within 24 months of the date of sale. The warranty does not cover batteries.

**Complete set**

FireProtect detector  
SmartBracket mounting panel  
2 x CR2 batteries (pre-installed)  
1 x backup battery CR2032 (pre-installed)  
Installation set  
User's guide