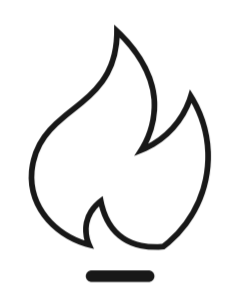


# FireProtect 2 (Heat/Smoke) Jeweller

Wireless fire detector with heat and smoke sensors

The device comes in two versions: with replaceable batteries (RB) and with sealed batteries (SB):

- FireProtect 2 RB (Heat/Smoke) Jeweller
- FireProtect 2 SB (Heat/Smoke) Jeweller



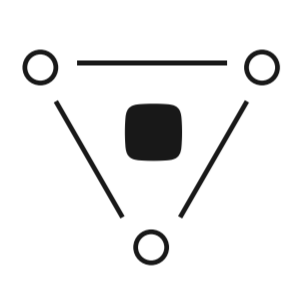
## Accurate fire detection

### Smoke sensor

- A dual-spectrum optical sensor combined with the HazeFlow 2 software algorithm ignores vapor and water steam
- A patented smoke chamber is dustproof, impenetrable to insects, and requires no regular cleaning

### Heat sensor

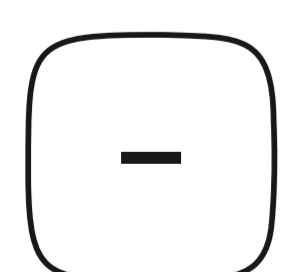
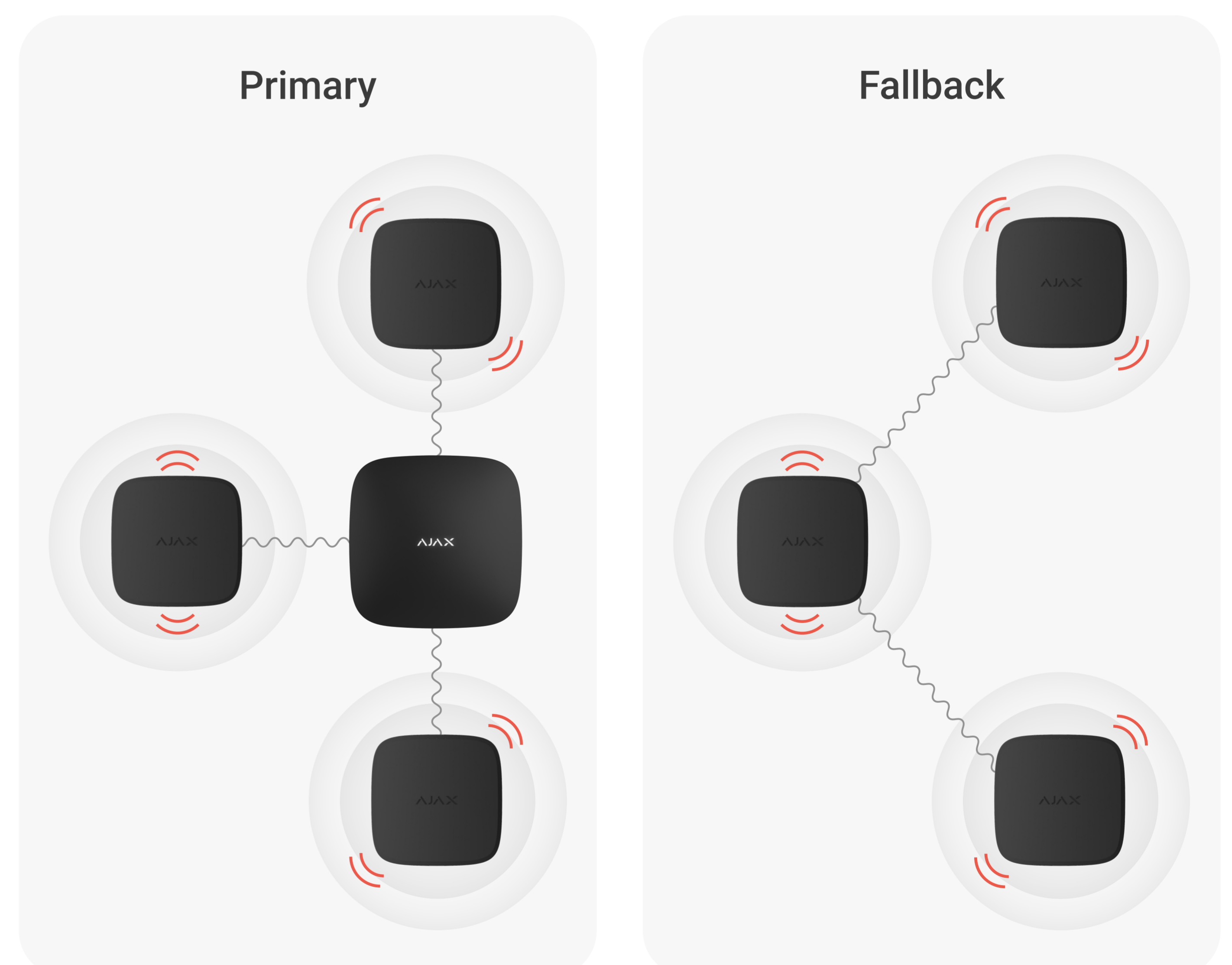
- Two A1R-class thermistors are located outside the enclosure to eliminate detection delays
- An alarm is activated when the temperature rises by 10 °C (32 °F) within a minute or exceeds +64 °C (122 °F)



## Interconnected fire detector alarms

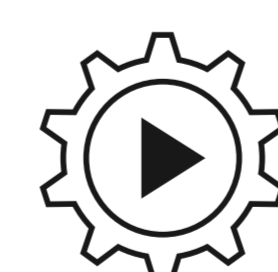
All FireProtect 2 RB/SB detectors in the system can be interconnected and raise a fire alarm simultaneously if one of the devices detects a threat.

There are two types of interconnection, namely primary (via an Ajax hub) and fallback (detector-to-detector), which work in parallel. In case of danger, an initiating detector sends a fire alarm to the hub, which, in turn, activates the primary interconnection. This activates the built-in sirens of all fire detectors in the system in 20 seconds. Meanwhile, the initiating detector activates the fallback interconnection and sends the alarm to other fire detectors. Even in the worst-case scenario, all fire detectors in the system notify of the danger within a minute.



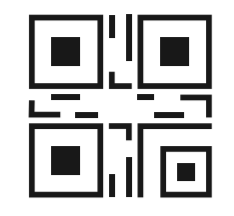
## System supervision

- Regular polling of each system device to display current states in apps
- Automatic detector self-diagnosis with state reporting to the hub
- Up to 1,700 m (5,550 ft) of wireless communication, or twice as much with a range extender
- Instant maintenance notifications




## Additional features

- Automation scenarios activation
- Visual alarm verification using MotionCam detectors or cameras
- Indoor/outdoor siren activation
- Sending alarms to CMS
- Built-in 85 dB siren
- LED indication of detector states



# Quick installation and setup

- SmartBracket panel to mount the device without disassembling the enclosure
- Pairing with a hub via QR code, with remote control and configuration in the app

<p><b>Compliance</b></p> <p><b>RB version</b> EN 14604:2005/AC:2008</p> <p><b>SB version</b> EN 14604:2005/AC:2008 BS 5839-6 (Grade F1) AS 3786:2014 BS 5446-2:2003 BSI KITEMARK Heat Alarms KM 797644 BSI KITEMARK Smoke Alarms KM 797639</p>	<p><b>Compatibility with hubs and range extenders</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=FP2.RBHS.J%2CFP2.SBHS.J">ajax.systems/tools/devices-compatibility/?models=FP2.RBHS.J%2CFP2.SBHS.J</a></p>	<p><b>Communication with a hub</b></p> <p><b>Jeweller communication technology</b></p> <p><b>Frequency bands</b> 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 Depends on the sales region</p> <p><b>Maximum effective radiated power (ERP)</b> Up to 20 mW</p> <p><b>Communication range</b> up to 1,700 m up to 5,550 ft In an open space</p>	<p><b>Power supply</b></p> <p><b>RB version</b> 2 × CR123A battery Up to 7 years of battery life</p> <p><b>SB version</b> 2 × sealed lithium battery Up to 10 years of battery life</p>																				
<p><b>Installation</b></p> <p><b>Operating temperature range</b> from 0 °C to +50 °C from 32 °F to 122 °F</p> <p><b>Operating humidity</b> up to 80%</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 124 × 124 × 45 mm 4.88" × 4.88" × 1.77"</p> <p><b>Weight</b></p> <table border="0"> <tr> <td>272 g</td> <td>268.5 g</td> </tr> <tr> <td>9.59 oz</td> <td>9.47 oz</td> </tr> <tr> <td>For RB version</td> <td>For SB version</td> </tr> </table> <p><b>Protection class</b> IP20</p>	272 g	268.5 g	9.59 oz	9.47 oz	For RB version	For SB version	<p><b>Complete set</b></p> <table border="0"> <tr> <td><b>RB version</b></td> <td><b>SB version</b></td> </tr> <tr> <td>FireProtect 2 RB (Heat/Smoke)</td> <td>FireProtect 2 SB (Heat/Smoke)</td> </tr> <tr> <td>Jeweller</td> <td>Jeweller</td> </tr> <tr> <td>SmartBracket mounting panel</td> <td>SmartBracket mounting panel</td> </tr> <tr> <td>Installation kit</td> <td>Installation kit</td> </tr> <tr> <td>2 × CR123A battery (pre-installed)</td> <td>Quick start guide</td> </tr> <tr> <td>Quick start guide</td> <td></td> </tr> </table>		<b>RB version</b>	<b>SB version</b>	FireProtect 2 RB (Heat/Smoke)	FireProtect 2 SB (Heat/Smoke)	Jeweller	Jeweller	SmartBracket mounting panel	SmartBracket mounting panel	Installation kit	Installation kit	2 × CR123A battery (pre-installed)	Quick start guide	Quick start guide	
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For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/fireprotect-2-heat-smoke/](https://ajax.systems/support/devices/fireprotect-2-heat-smoke/)

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport\_Bot
- 🌐 ajax.systems