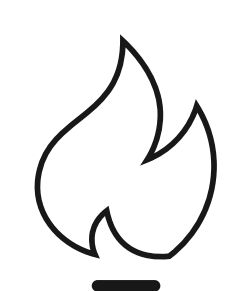


FireProtect 2 (Heat/CO) Jeweller

Wireless fire detector with heat and CO sensors

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

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



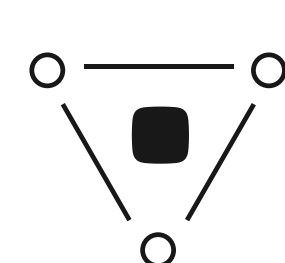
Accurate fire detection

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)

CO sensor

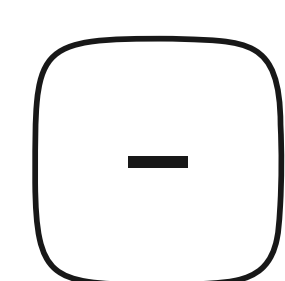
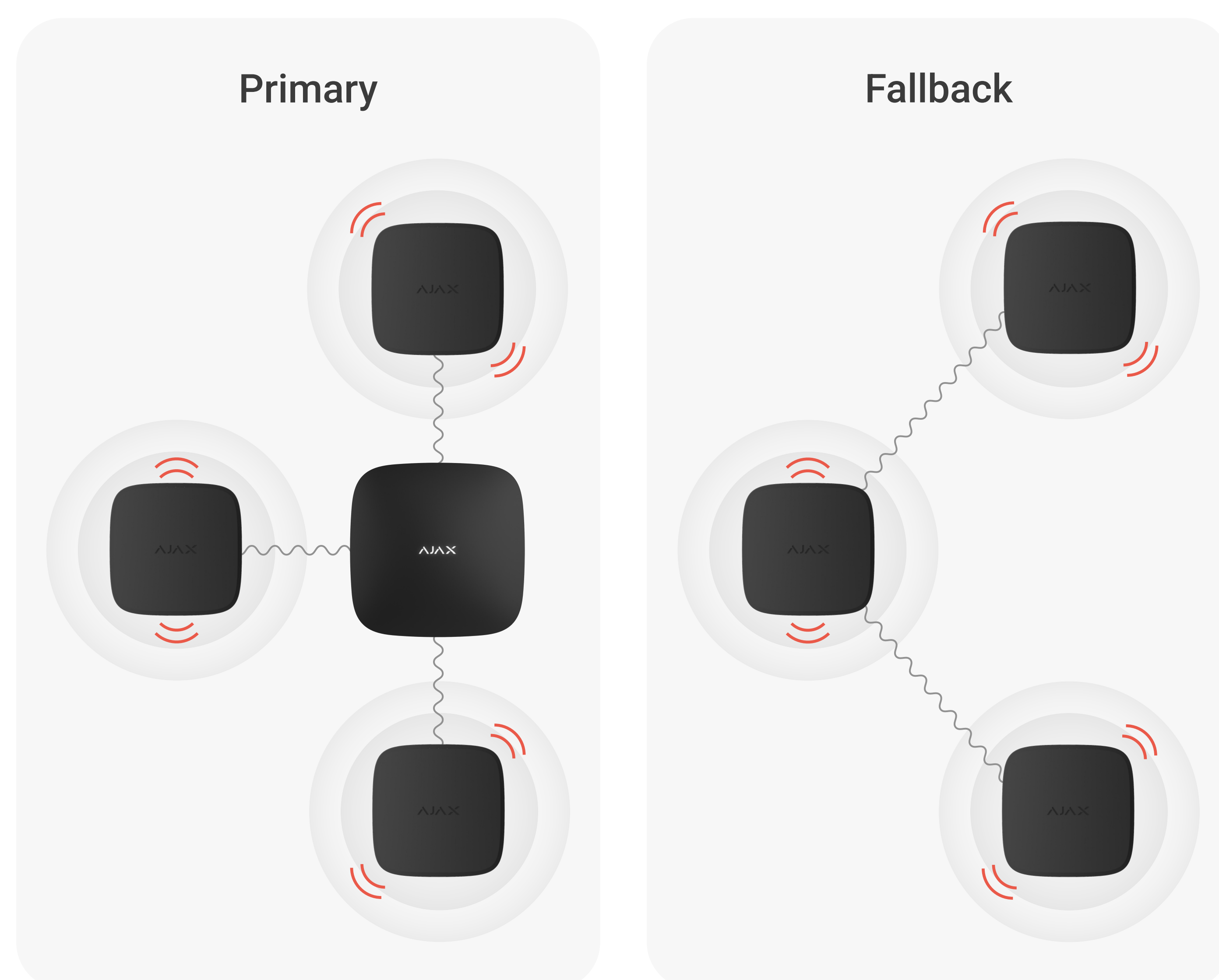
- A built-in chemical sensor accurately detects CO levels for up to 10 years
- A warning is provided when the CO concentration reaches the dangerous level of 50 ppm before the first signs of poisoning appear



Interconnected fire detector alarms

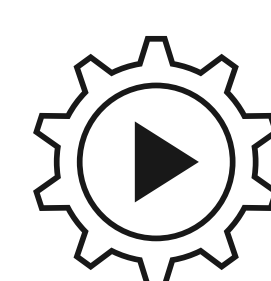
All FireProtect 2 RB/SB detectors in the system can be interconnected and raise a fire alarm simultaneously if one of the devices detects a threat.

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.



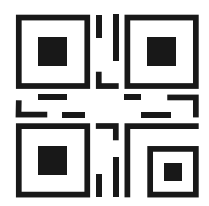
System supervision

- 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

<div>Compliance</div> <div><div>RB version</div><div>EN 50291-1:2018</div></div> <div><div>SB version</div><div>EN 50291-1:2018</div><div>BS 5839-6 (Grade F1)</div><div>BS 5446-2:2003</div><div>BSI KITEMARK Carbon Monoxide Alarms KM 797661</div><div>BSI KITEMARK Heat Alarms KM 797644</div></div>	<div>Compatibility with hubs and range extenders</div> <div></div> <div><div>For detailed information, scan the QR code or follow the link:</div><div>ajax.systems/tools/devices-compatibility/?models=FP2.RBHC.J%2CFP2.SBHC.J</div></div>	<div>Communication with a hub</div> <div><div>Jeweller communication technology</div><div><div>Frequency bands</div><div>866.0–866.5 MHz</div><div>868.0–868.6 MHz</div><div>868.7–869.2 MHz</div><div>905.0–926.5 MHz</div><div>915.85–926.5 MHz</div><div>921.0–922.0 MHz</div><div>Depends on the sales region</div></div><div><div>Maximum effective radiated power (ERP)</div><div>Up to 20 mW</div></div><div><div>Communication range</div><div>up to 1,700 m</div><div>up to 5,550 ft</div><div>In an open space</div></div></div>	<div>Power supply</div> <div><div>RB version</div><div>2 × CR123A battery</div><div>Up to 7 years of battery life</div></div> <div><div>SB version</div><div>2 × sealed lithium battery</div><div>Up to 10 years of battery life</div></div>
<div>Installation</div> <div><div>Operating temperature range</div><div>from 0 °C to +50 °C</div><div>from 32 °F to 122 °F</div></div> <div><div>Operating humidity</div><div>up to 80%</div></div>	<div>Enclosure</div> <div><div>Color</div><div>white, black</div></div> <div><div>Dimensions</div><div>44 × 86 × 86 mm</div><div>1.73" × 3.38" × 3.38"</div></div> <div><div>Weight</div><div><div>149 g</div><div>5.25 oz</div><div>For RB version</div></div><div><div>145 g</div><div>5.11 oz</div><div>For SB version</div></div></div> <div><div>Protection class</div><div>IP20</div></div>	<div>Complete set</div> <div><div><div>RB version</div><div>FireProtect 2 RB (Heat/CO)</div><div>Jeweller</div><div>SmartBracket mounting panel</div><div>Installation kit</div><div>2 × CR123A battery (pre-installed)</div><div>Quick start guide</div></div><div><div>SB version</div><div>FireProtect 2 SB (Heat/CO)</div><div>Jeweller</div><div>SmartBracket mounting panel</div><div>Installation kit</div><div>Quick start guide</div></div></div>	

For detailed information, scan the QR code or follow the link:






RB version

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



SB version

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

-  support@ajax.systems
-  @AjaxSystemsSupport_Bot
-  ajax.systems