

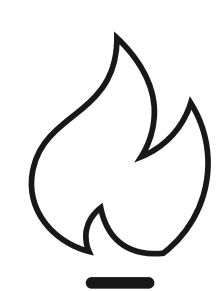
FireProtect 2 (Heat/Smoke/CO) Jeweller

Wireless fire detector with heat, smoke, and CO sensors



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

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



Accurate fire detection

Smoke sensor

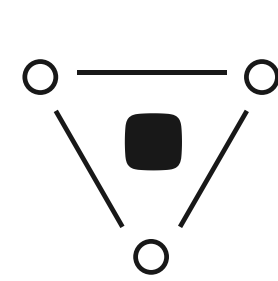
- A dual-spectrum optical sensor combined with the HazeFlow 2 software algorithm ignores vapor and water steam
- A patented smoke chamber is dustproof, impenetrable to insects, and requires no regular cleaning

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)

CO sensor

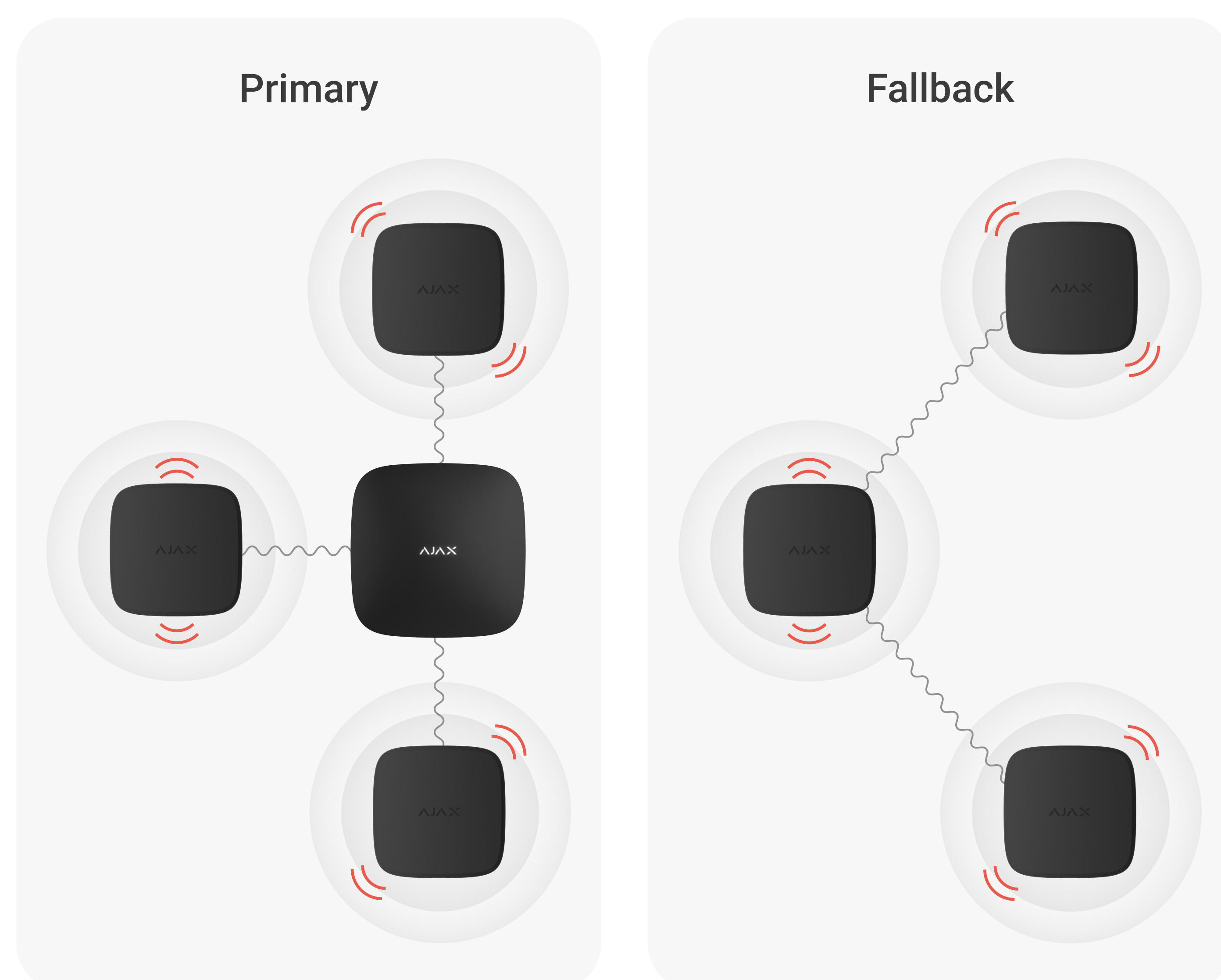
- A built-in chemical sensor accurately detects CO levels for up to 10 years
- A warning is provided when the CO concentration reaches the dangerous level of 50 ppm before the first signs of poisoning appear

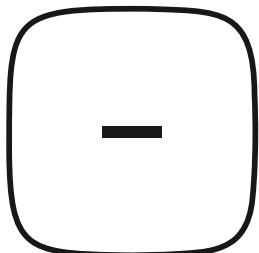


Interconnected fire detector alarms

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.

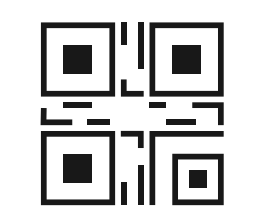
There are two types of interconnection, namely **primary** (via an Ajax hub) and **fallback** (detector-to-detector), which work in parallel. In case of danger, an initiating detector sends a fire alarm to the hub, which, in turn, activates the **primary** interconnection. This activates the built-in 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.





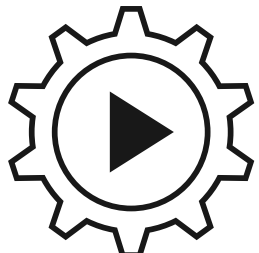
System supervision

- 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



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



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

Compliance RB version EN 14604:2005/AC:2008 EN 50291-1:2018 SB version EN 14604:2005/AC:2008 EN 50291-1:2018 BS 5839-6 (Grade F1) AS 3786:2014 BS 5446-2:2003 BSI KITEMARK Carbon Monoxide Alarms KM 797661 BSI KITEMARK Heat Alarms KM 797644 BSI KITEMARK Smoke Alarms KM 797639	Compatibility with hubs and range extenders  For detailed information, scan the QR code or follow the link: ajax.systems/tools/devices-compatibility/?models=FP2.RBHSC.J%2CFP2.SBHSC.J	Communication with a hub Jeweller communication technology Frequency bands 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 Maximum effective radiated power (ERP) Up to 20 mW Communication range up to 1,700 m up to 5,550 ft In an open space	Power supply RB version 2 × CR123A battery Up to 7 years of battery life SB version 2 × sealed lithium battery Up to 10 years of battery life
Installation Operating temperature range from 0 °C to +50 °C from 32 °F to 122 °F Operating humidity up to 80%	Enclosure Color white, black Dimensions 124 × 124 × 45 mm 4.88" × 4.88" × 1.77" Weight 274.5 g 270 g 9.68 oz 9.52 oz For RB version For SB version Protection class IP20	Complete set RB version FireProtect 2 RB (Heat/Smoke/CO) Jeweller SmartBracket mounting panel Installation kit 2 × CR123A battery (pre-installed) Quick start guide SB version FireProtect 2 SB (Heat/Smoke/CO) Jeweller SmartBracket mounting panel Installation kit Quick start guide	



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/fireprotect-2-heat-smoke-co/



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