



Baseline product line

FireProtect 2 RB (Heat/Smoke/CO) UL Jeweller

Wireless combined heat, smoke, and CO detector with replaceable batteries

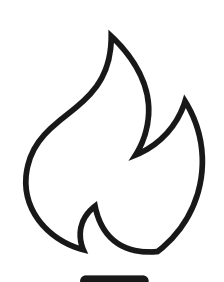


UL
268

CAN/ULC
S529

UL
2075

CAN/ULC
S588



Accurate fire detection

Smoke sensor

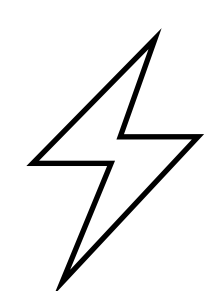
- A dual-spectrum optical sensor paired with HazeFlow 2 software algorithm
- A patented smoke chamber is dustproof, impenetrable to insects, and does not require regular clean-ups

Heat sensor

- Two A1R-class thermistors are located outside the enclosure to eliminate detection delays
- Alarms when the temperature exceeds 135 °F (+58 °C)

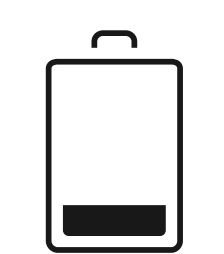
CO sensor

- Accurately detects the CO level for up to 10 years
- Alarms when the CO concentration reaches the dangerous level higher than 70 ppm, before the first signs of poisoning occur



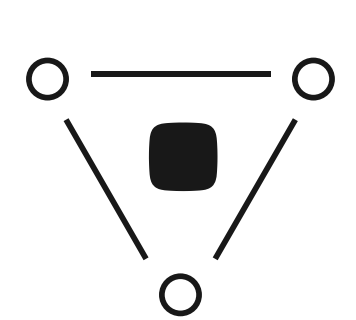
Power supply

The detector is powered by two replaceable CR123A batteries, ensuring up to 5 years of operation. After discharge, the installer simply replaces the batteries, and the detector continues to operate as usual.



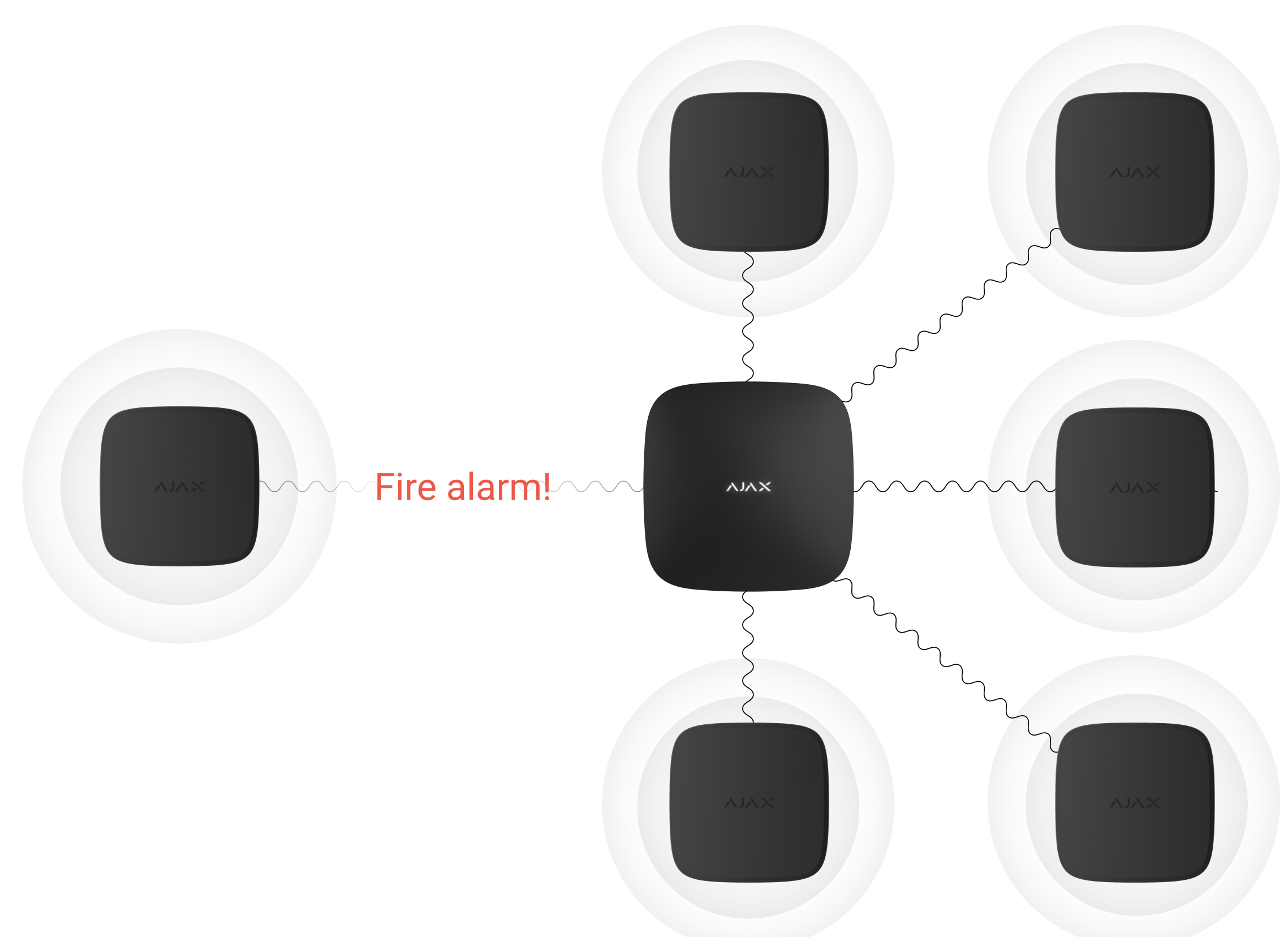
Low battery warning

The detector reports low batteries at least 30 days before their full discharge. Installers and users receive notifications through their Ajax apps. FireProtect 2 also has an LED indicator and audible beeps for a low battery alert.



Enhanced wireless interconnection

RB detectors can synchronously notify of a fire alarm through interconnection. In case of alarm, the hub activates the interconnection in 20 s. All information is instantly available in Ajax apps: initiating detector's location, fire alarm type, and exact time.



System supervision

- Regular polling of each system device to display current statuses in apps
- Automatic detector self-diagnosis with state reporting to the hub
- Up to 5,500 ft (1,700 m) of wireless communication and twice as much with a range extender
- Instant maintenance notifications

Additional features

- Automation scenarios activation
- Visual alarm verification using MotionCam detectors or any video camera connected to Ajax NVR
- Indoor/outdoor intrusion sirens activation
- Alarm delivery to CMS
- Built-in 85 dB siren
- LED indication of detector states

Quick installation and setup

- SmartBracket panel to mount the device: no need to disassemble the enclosure
- Pairing with a hub via QR code
- Remote control and configuration in the app

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.




<p>Compliance</p> <p>UL 268 CAN/ULC S529 UL 2075 CAN/ULC S588</p>	<p>Compatibility</p> <p>Hubs¹ Hub Jeweller² Hub Plus Jeweller Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G)</p> <p>Range extenders ReX Jeweller ReX 2 Jeweller</p>	<p>Communication with hub</p> <p>Jeweller communication technology</p> <p>Frequency bands 905.0–926.5 MHz</p> <p>Communication range up to 5,500 ft (1,700 m) In an open space</p>	<p>Power supply</p> <p>Batteries 2 × CR123A Pre-installed</p> <p>3 V[⎓], 1,600 mAh Up to 5 years of battery life</p>
<p>Installation</p> <p>Operating temperature range from 32 °F to 100.4 °F (from 0 °C to +38 °C)</p> <p>Operating humidity up to 80%</p>	<p>Enclosure</p> <p>Color black, white</p> <p>Dimensions 4.88" × 4.88" × 1.77" (124 × 124 × 45 mm)</p> <p>Weight 9.68 oz (274.5 g)</p> <p>Protection class IP20</p>	<p>Complete set</p> <p>FireProtect 2 RB (Heat/Smoke/CO) UL Jeweller SmartBracket mounting panel 2 × CR123A battery (pre-installed) Installation kit Quick start guide</p>	

1 – Only Hub 2 Plus Jeweller and Hub 2 (4G) Jeweller are certified by UL/ULC standards.

2 – With firmware version OS Malevich 2.15.4 or higher.



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

 support@ajax.systems
 @AjaxSystemsSupport_Bot
 ajax.systems