



Baseline product line

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

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

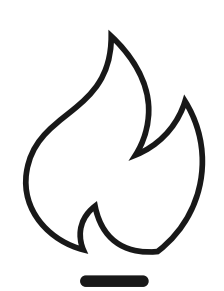


UL  
268

CAN/ULC  
S529

UL  
2075

CAN/ULC  
S588



## Accurate fire detection

### Smoke sensor

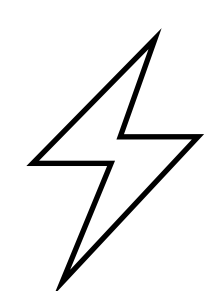
- A dual-spectrum optical sensor paired with HazeFlow 2 software algorithm
- A patented smoke chamber is dustproof, impenetrable to insects, and does not require regular clean-ups

### Heat sensor

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

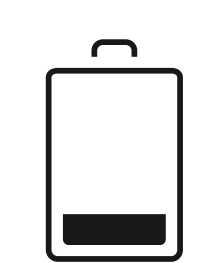
### CO sensor

- 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



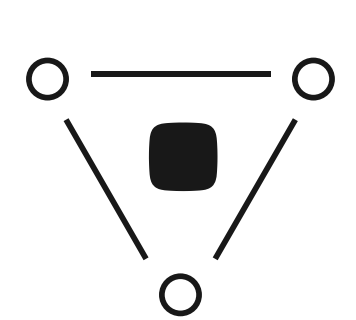
## Power supply

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.



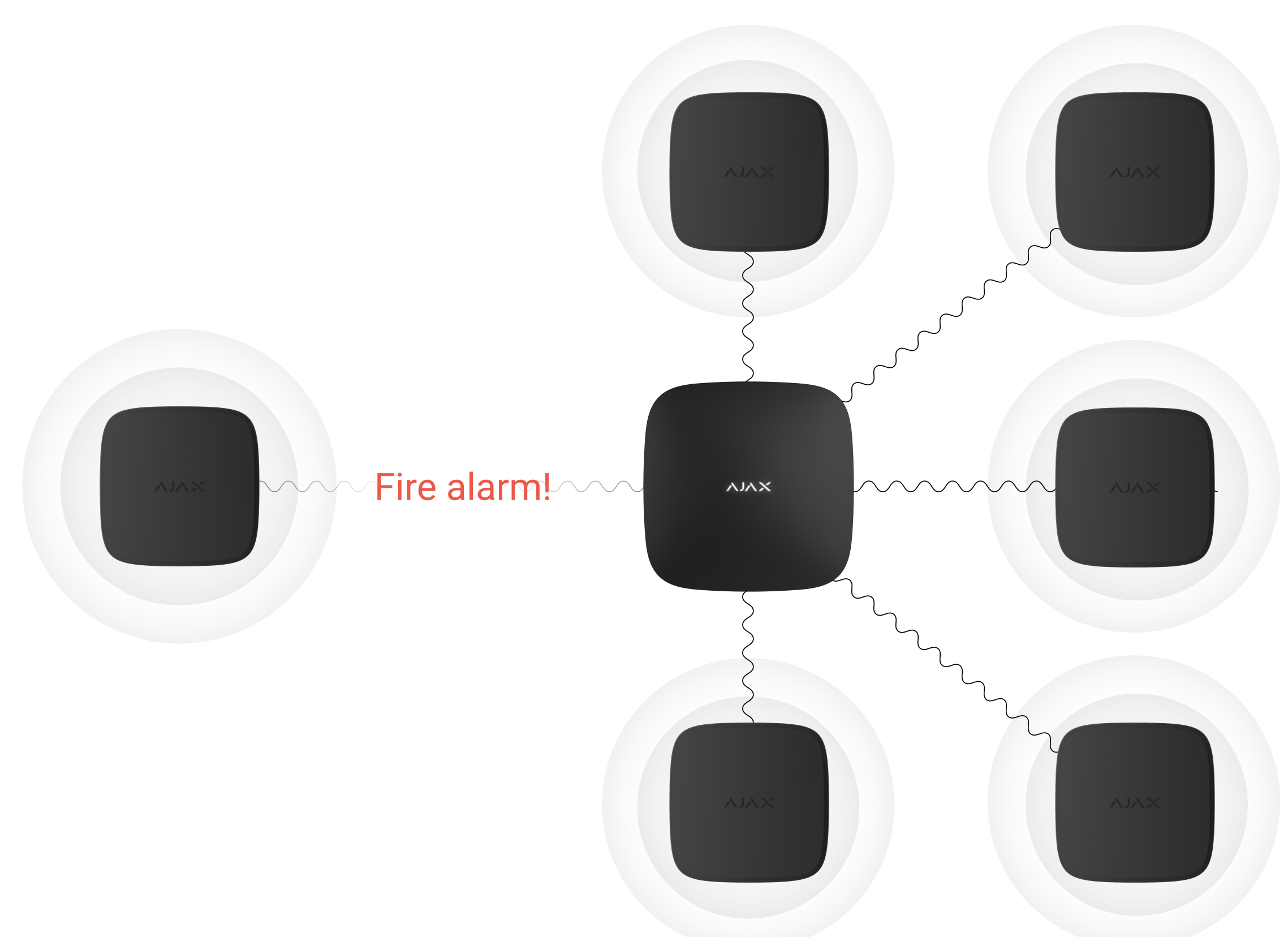
## Low battery warning

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><b>Compliance</b></p> <p>UL 268 CAN/ULC S529 UL 2075 CAN/ULC S588</p>	<p><b>Compatibility</b></p> <p><b>Hubs<sup>1</sup></b> Hub Jeweller<sup>2</sup> Hub Plus Jeweller Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G)</p> <p><b>Range extenders</b> ReX Jeweller ReX 2 Jeweller</p>	<p><b>Communication with hub</b></p> <p><b>Jeweller communication technology</b></p> <p><b>Frequency bands</b> 905.0–926.5 MHz</p> <p><b>Communication range</b> up to 5,500 ft (1,700 m) In an open space</p>	<p><b>Power supply</b></p> <p><b>Batteries</b> 2 × CR123A Pre-installed</p> <p>3 V<sup>⎓</sup>, 1,600 mAh Up to 5 years of battery life</p>
<p><b>Installation</b></p> <p><b>Operating temperature range</b> from 32 °F to 100.4 °F (from 0 °C to +38 °C)</p> <p><b>Operating humidity</b> up to 80%</p>	<p><b>Enclosure</b></p> <p><b>Color</b> black, white</p> <p><b>Dimensions</b> 4.88" × 4.88" × 1.77" (124 × 124 × 45 mm)</p> <p><b>Weight</b> 9.68 oz (274.5 g)</p> <p><b>Protection class</b> IP20</p>	<p><b>Complete set</b></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/](https://ajax.systems/support/devices/fireprotect-2-rb-heat-smoke-co-ul-jeweller/)

 [support@ajax.systems](mailto:support@ajax.systems)  
 [@AjaxSystemsSupport\\_Bot](https://t.me/AjaxSystemsSupport_Bot)  
 [ajax.systems](https://ajax.systems)