

AJAX

Next-gen fire detection with FireProtect 2 series

Wireless fire detectors
with heat, smoke, and CO sensors



EN
14604:2005
AC:2008

EN
50291-1
2018

Grade F1/D1
BS 5839
part 6

EN
54-5:2017
A1:2018

EN
54-11:2001
A1:2005

Ultimate fire detection



Kitchen



Bedroom



Garage

FireProtect 2 detectors are designed for residential fire safety. Featuring instant alerts about smoke detection, rapid temperature rise, and dangerous CO concentration.

- Up to 1,700 m of encrypted radio communication with an Ajax hub
- Built-in 85 dB siren and Test/Mute button
- Different tones and LED indication for fire and CO alarms



Smoke sensor

Dual-spectrum optical sensor with HazeFlow 2 algorithm ignores vapor and water steam

Patented smoke chamber is dustproof and impenetrable to insects



Heat sensor

Two A1R-class thermistors located outside the enclosure to eliminate detection delays

Alarms when the temperature increases by 10°C within a minute or exceeds +64°C



CO sensor

Accurately detects the carbon monoxide level for up to 10 years

Warns when concentration reaches 50 ppm before the first signs of poisoning occur

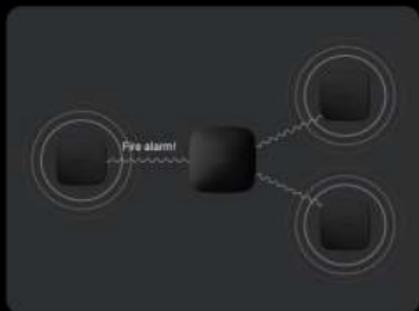
Experience the Ajax ecosystem

Wireless interconnected fire alarm

Primary

(via Ajax hub)

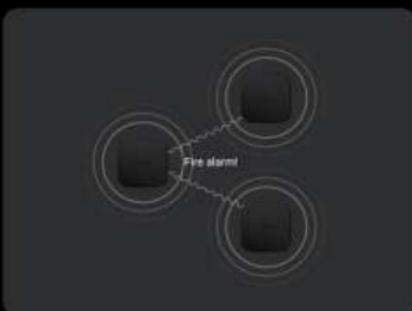
20 seconds to activate
up to 200 fire detectors



Fallback

(detector-to-detector)

Less than a minute to activate
up to 50 fire detectors



Automation scenarios

FireProtect 2 can interact with Ajax MotionCam detectors, cameras, and automation devices. The fire alarm can activate scenarios to perform automated actions and capture visual verification of the incident.



Visual evidence of fire

To find out the situation at the protected facility and quickly respond to it.



Power supply control

To power off the possible cause of the fire and protect appliances from the consequences of firefighting.



Unlocking electric locks

To speed up evacuation and ease access to the building for firefighters.

Monitoring to the fullest with Ajax apps

- Remote configuration and control
- Instant in-app notifications
- Detailed event log
- Mobile and desktop versions



Effortless installation and maintenance



RB/SB detectors

AC detectors



SmartBracket panel to mount the device without disassembling the enclosure



90° rotation angle to level the device after mounting



Pairing with a hub via QR code



Configuring and testing via mobile and desktop apps



Automatic detector self-diagnosis with state reporting



Removable WAGO 221 connectors to secure the wires without a screwdriver (AC models only)



Wide model range

The series offers various models with different sets of sensors (smoke, heat, CO, or combined) and power supply options.

Sealed batteries

10 years of operation



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

Replaceable batteries

Up to 7 years of operation



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

110–240 V~ mains with sealed backup battery

Ensuring stable performance over a 10-year lifespan



- FireProtect 2 AC (Heat/Smoke/CO) Jeweller
- FireProtect 2 AC (Heat/Smoke) Jeweller
- FireProtect 2 AC (Heat/CO) Jeweller
- FireProtect 2 AC (Heat) Jeweller
- FireProtect 2 AC (CO) Jeweller



More Ajax fire products:

ajax.systems/catalogue/baseline-fire-detection/



Activate a fire alarm plain and simple

Ajax ManualCallPoint completes a unique fire alarm system featuring automation scenarios by pressing. The wireless resettable button can trigger the built-in sirens of all fire detectors in the system, de-energize the facility, turn the emergency lights, unlock the exits, and more.

- Fire alarm activation
- Alarm delivery to CMS can be additionally configured
- Transparent front lid to prevent accidental pressing
- Up to 7 years of battery life
- Simplified button mechanism to reduce the risk of failure
- Automation scenarios activation

Discover more Ajax products

