

# AJAX

## EN54 LINE

Wireless commercial fire detection and alarm system

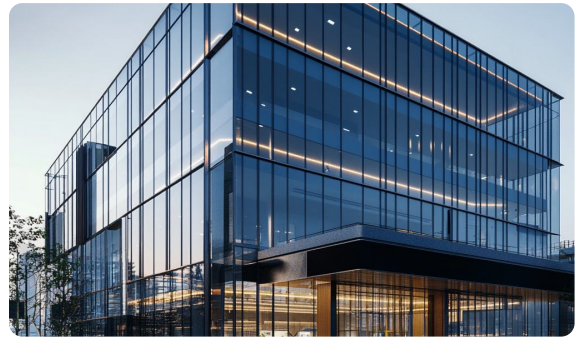


## Next-gen solution that is fast to deploy and easy to manage

EN54 Line is a fully wireless fire detection and alarm system bringing unmatched reliability to commercial and municipal spaces. The solution is quick to deploy, even for large-scale projects. All devices are designed to integrate seamlessly into any interior and yet remain visible in an emergency. Setup, management, and monitoring can be done through Ajax apps, either remotely or on-site.

### Covering a wide range of sites

- Restaurants and hotels
- Shops and boutiques
- Apartment buildings
- Municipal buildings
- Schools and kindergartens
- Healthcare facilities
- Offices and business centers
- Historical sites



### Navigating challenges

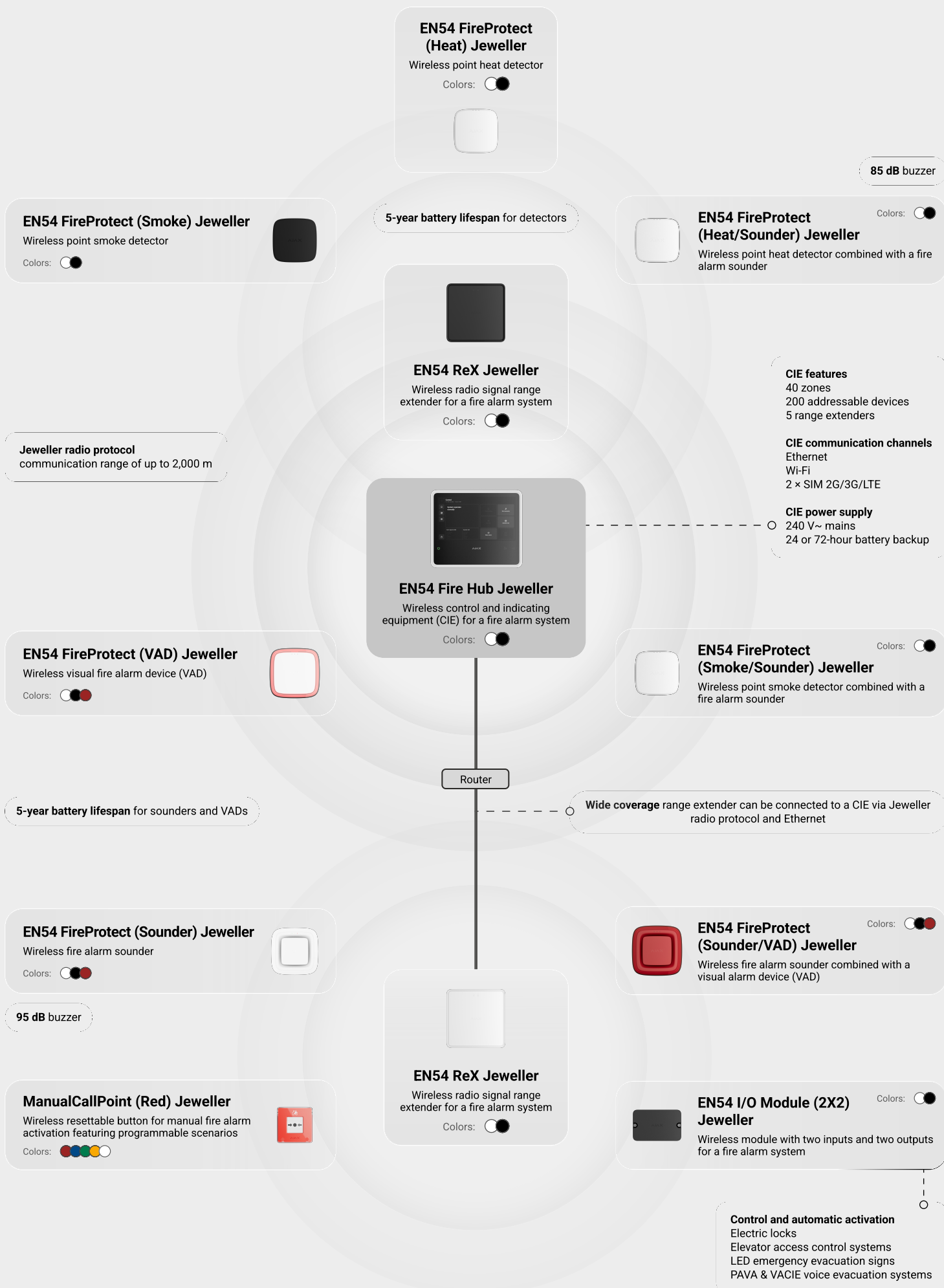
- Compliance with regulatory authorities and insurance requirements
- Limited time for deployment and commissioning
- Installation on leased or temporary sites
- Preservation of historically or culturally significant interiors
- Complicated cable routing or existing infrastructure limitations
- Need for flexibility in system redesign or reconfiguration
- Installation on asbestos-based walls or ceilings



## The world's first EN 54 fire alarm that looks too good to hide



## EN 54 CERTIFIED



# Reliability you can trust. Simplicity you'll love.

EN 54

## EN 54 certified

full compliance with major fire detection and fire alarm system standards



## Wireless range of up to 2,000 m

reliable two-way communication via the Jeweller proprietary protocol



## Addressability of each system device

provides real-time device status with detailed updates



## Free mobile and desktop apps

from effortless on-site setup and testing to full remote system management and monitoring

## Touchscreen CIE

large display featuring an intuitive interface and informative event log



## Automatic system health check

the system continuously supervises each device and instantly sends a maintenance notification if any issues arise



## Quick and tool-free battery swap

no need to fully disassemble the enclosure or unpair the device for battery change



## Tamper alarm

to alert when the device is detached or its enclosure is damaged



## Fast installation

just 5 min per device, no extra tools required



## Over-the-air software updates

the system updates automatically to ensure peak performance and instant access to new features

## 5-year battery lifespan

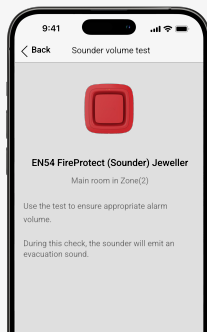
pre-installed batteries provide long-term autonomy for detectors, sounders, and VADs



## Breaking old ways with powerful apps

Ajax devices work in synergy with free mobile and desktop apps that seamlessly integrate into your workflow. No programming, no outdated configuration tools — just an intuitive interface for faster installations and efficient remote servicing.

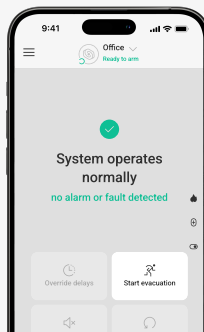
### For installers



## Ajax PRO: Tool for Engineers

Connect, configure, and test devices remotely and on-site

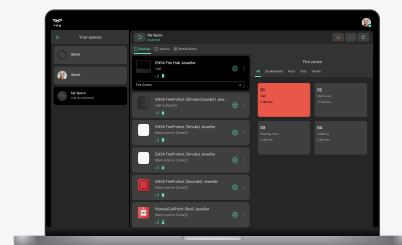
### For fire officers



## Ajax Security System

Stay informed with instant fire alarms and maintenance notifications

### For service providers



## Ajax PRO Desktop

Administer Ajax systems and monitor fire alarms



macOS



iOS



Windows



Android

# System control made easy



## EN54 FireHub Jeweller

Wireless control and indicating equipment (CIE) for a fire alarm system

Introducing the first Ajax's CIE designed specifically for commercial and municipal spaces. It's easy to install, simple to use, and doesn't require much upkeep. With its vibrant, large touchscreen and intuitive interface, the CIE provides detailed system status and notifications of alarms or other events. The staff is instantly aware of the situation and can respond to emergencies with confidence and precision.

|                                                                                                   |                                                                                               |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 200 addressable devices                                                                           | 40 zones                                                                                      |
| Alarm and event transmission to ARC via SurGard (Contact ID) and SIA (DC-09) protocols            | EN 54 certified<br>full compliance with EN 54-2, EN 54-4, EN 54-21, and EN 54-25 requirements |
| Jeweller wireless technology<br>communication with system devices at a distance of up to 2,000 m  | Support for 5 range extenders<br>connectable via Jeweller radio protocol and Ethernet         |
| Big touchscreen with an intuitive interface<br>a 10.1" display with a resolution of 1024 × 600 px | 240 V~ mains power supply<br>backed up by a 24 or 72-hour battery                             |
| Compact enclosure<br>263 × 223 × 54 mm                                                            | Advanced internet connectivity<br>via Ethernet, Wi-Fi, and 2 SIM cards (2G/3G/LTE)            |

## GlandBox

Wiring accessory for EN54 Fire Hub Jeweller, providing lateral wire entry via cable glands



# Patented detection technology and record autonomy

## EN 54 heat and smoke detectors

|                                           |                                                                  |                                |
|-------------------------------------------|------------------------------------------------------------------|--------------------------------|
| EN54 FireProtect (Heat) Jeweller          | Wireless point heat detector                                     | EN 54-5<br>EN 54-25            |
| EN54 FireProtect (Heat/Sounder) Jeweller  | Wireless point heat detector combined with a fire alarm sounder  | EN 54-3<br>EN 54-5<br>EN 54-25 |
| EN54 FireProtect (Smoke) Jeweller         | Wireless point smoke detector                                    | EN 54-7<br>EN 54-25            |
| EN54 FireProtect (Smoke/Sounder) Jeweller | Wireless point smoke detector combined with a fire alarm sounder | EN 54-3<br>EN 54-7<br>EN 54-25 |





Patented smoke chamber



Two A1R thermistors



85 dB sounder



5-year battery lifespan

## EN 54 sounders and VADs

|                                         |                                                                       |                                 |
|-----------------------------------------|-----------------------------------------------------------------------|---------------------------------|
| EN54 FireProtect (Sounder) Jeweller     | Wireless fire alarm sounder                                           | EN 54-3<br>EN 54-25             |
| EN54 FireProtect (Sounder/VAD) Jeweller | Wireless fire alarm sounder combined with a visual alarm device (VAD) | EN 54-3<br>EN 54-23<br>EN 54-25 |
| EN54 FireProtect (VAD) Jeweller         | Wireless visual fire alarm device (VAD)                               | EN 54-23<br>EN 54-25            |





95 dB volume



32 alarm patterns



5-year battery lifespan

# Lightning-fast commands at critical moments

## ManualCallPoint Jeweller

Wireless resettable button for manual fire alarm activation featuring programmable scenarios



EN 54-11

EN 54-25

- Failproof button-press mechanism that cannot get stuck
- EN 54 certified (applies to the red-colored version only)
- Up to 7 years of autonomous operation
- Transparent front lid to prevent accidental alarm activation

# Powerful add-ons for expanded system capabilities

## EN54 Fire ReX Jeweller

Wireless radio signal range extender for a fire alarm system



EN 54-4

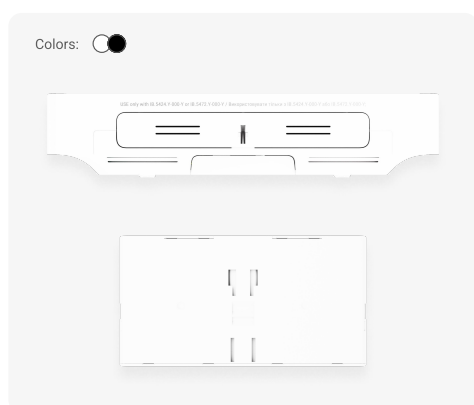
EN 54-18

EN 54-25

- Expanded communication range via Jeweller radio protocol and Ethernet
- Up to 35 km<sup>2</sup> of coverage with 5 range extenders per CIE
- Support for any device combinations within CIE limits
- 240 V~ mains power supply featuring 24 or 72-hour battery backup
- EN 54 certified

## EN54 Internal Battery

Rechargeable Li-ion batteries to install into EN54 Fire Hub Jeweller or EN54 Fire ReX Jeweller



Models available:

- **EN54 Internal Battery (24h)**  
a 7.4 V battery with the capacity of 5 Ah
- **EN54 Internal Battery (72h)**  
a 7.4 V battery with the capacity of 10 Ah

## EN54 I/O Module (2X2) Jeweller

Wireless module with two inputs and two outputs for a fire alarm system



EN 54-18

EN 54-25

- 2 inputs to receive alarms and 2 outputs to control third-party devices
- Up to 4 years of autonomous operation
- Thought-out design for easy wiring
- EN 54 certified

## EN54 Line devices

| Device name                               | Device description                                                                                                 | EN54 Compliance                            |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| EN54 Fire Hub Jeweller                    | Wireless control and indicating equipment (CIE) for a fire alarm system                                            | EN 54-2<br>EN 54-4<br>EN 54-21<br>EN 54-25 |
| GlandBox                                  | Wiring accessory for a control and indicating equipment (CIE)                                                      | N/A                                        |
| EN54 Fire ReX Jeweller                    | Wireless radio signal range extender for a fire alarm system                                                       | EN 54-4<br>EN 54-18<br>EN 54-25            |
| EN54 Internal Battery (24h)               | Rechargeable Li-ion battery (7.4 V/5 Ah) to install into EN54 Fire Hub Jeweller or EN54 Fire ReX Jeweller          | N/A                                        |
| EN54 Internal Battery (72h)               | Rechargeable Li-ion battery (7.4 V/10 Ah) to install into EN54 Fire Hub Jeweller or EN54 Fire ReX Jeweller         | N/A                                        |
| EN54 FireProtect (Heat) Jeweller          | Wireless point heat detector                                                                                       | EN 54-5<br>EN 54-25                        |
| EN54 FireProtect (Heat/Sounder) Jeweller  | Wireless point heat detector combined with a fire alarm sounder                                                    | EN 54-3<br>EN 54-5<br>EN 54-25             |
| EN54 FireProtect (Smoke) Jeweller         | Wireless point smoke detector                                                                                      | EN 54-7<br>EN 54-25                        |
| EN54 FireProtect (Smoke/Sounder) Jeweller | Wireless point smoke detector combined with a fire alarm sounder                                                   | EN 54-3<br>EN 54-7<br>EN 54-25             |
| EN54 FireProtect (Sounder) Jeweller       | Wireless fire alarm sounder                                                                                        | EN 54-3<br>EN 54-25                        |
| EN54 FireProtect (Sounder/VAD) Jeweller   | Wireless fire alarm sounder combined with a visual alarm device (VAD)                                              | EN 54-3<br>EN 54-23<br>EN 54-25            |
| EN54 FireProtect (VAD) Jeweller           | Wireless visual fire alarm device (VAD)                                                                            | EN 54-23<br>EN 54-25                       |
| EN54 I/O Module (2X2) Jeweller            | Wireless module with two inputs and two outputs for a fire alarm system                                            | EN 54-18<br>EN 54-25                       |
| ManualCallPoint (Red) Jeweller            | Wireless resettable button for manual fire alarm activation featuring programmable scenarios. Red-colored version. | EN 54-11<br>EN 54-25                       |
| ManualCallPoint (Blue) Jeweller           | Wireless resettable button featuring programmable scenarios. Blue-colored version.                                 | N/A                                        |
| ManualCallPoint (Green) Jeweller          | Wireless resettable button featuring programmable scenarios. Green-colored version.                                | N/A                                        |
| ManualCallPoint (Yellow) Jeweller         | Wireless resettable button featuring programmable scenarios. Yellow-colored version.                               | N/A                                        |
| ManualCallPoint (White) Jeweller          | Wireless resettable button featuring programmable scenarios. White-colored version.                                | N/A                                        |



Partner with Ajax Systems

[ajax.systems/partner-form](https://ajax.systems/partner-form)



ajax.systems