

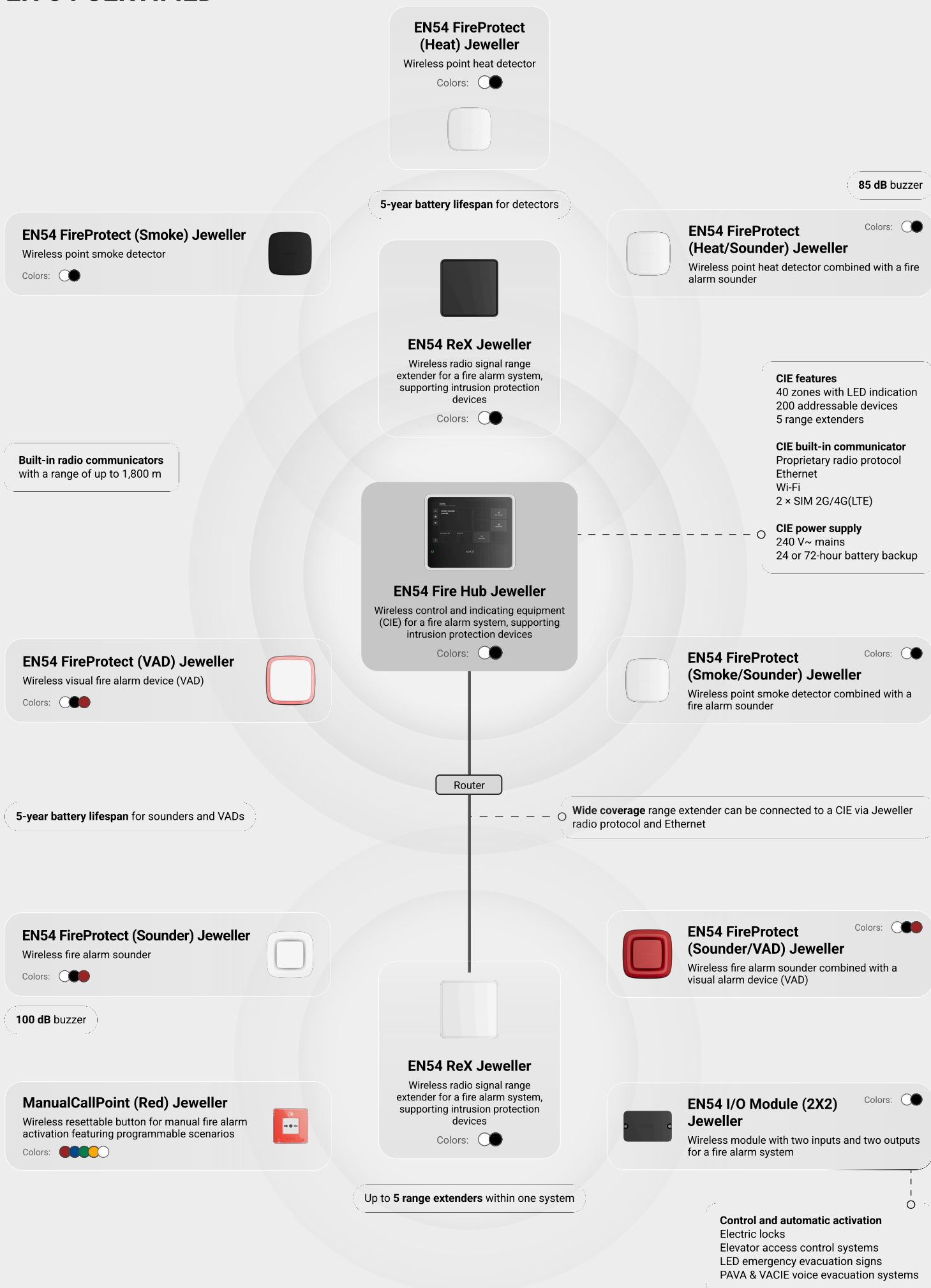
AJAX

EN54 LINE

Wireless commercial fire detection and alarm system



EN 54 CERTIFIED

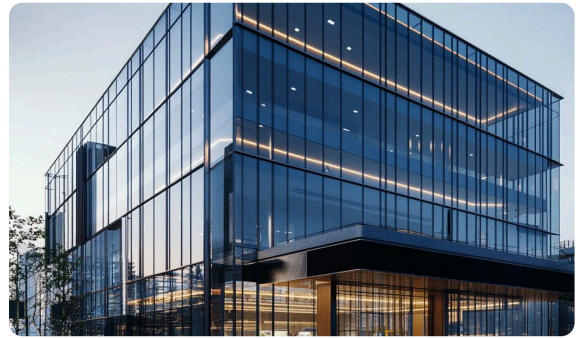


Next-gen solution for all-around protection

EN54 Line is a fully wireless integrated fire detection and alarm system that brings unmatched reliability to commercial and municipal spaces. This solution is quick to deploy, even for large-scale projects. Free mobile and desktop Ajax apps ensure easy setup, management, and remote monitoring – crucial features for effective business. The touchscreen CIE shows informative fire alarm notifications and, along with the devices, is equipped with built-in communicators. The CIE brings a unique opportunity to combine EN 54 fire detection with EN 50131 intruder alarm, automation, and video surveillance in one system – forever changing the way installation and alarm monitoring businesses can work.

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

- Combining fire alarm, intrusion protection, and video surveillance into a single system
- 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



Reliability you can trust. Simplicity you'll love.

Certification



EN 54
fire detection
and alarm system



EN 50131 (Grade 2)
intrusion protection
system



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



EN 54-13 compliance
ensures all components function as one
reliable, fault-tolerant system



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



Touchscreen CIE

large display featuring
an intuitive interface for fire
alarm and event management



5-year battery lifespan
pre-installed batteries provide
long-term autonomy for
detectors, sounders, and VADs



Advanced connectivity with built-in communicators

CIE always stays online via
Ethernet, Wi-Fi, and two SIM
cards 2G/4G(LTE)

All system devices
seamlessly transmit data via
a proprietary radio protocol



Over-the-air software updates
the system updates automatically to ensure
peak performance and instant access to new
features

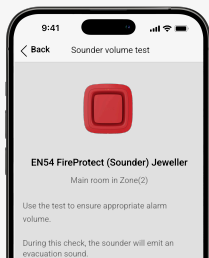


Fast installation
just 5 min per device, no extra tools required

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, easier facility management, and efficient remote service.

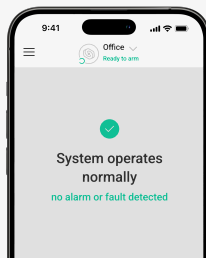
Ajax PRO: Tool for Engineers



For installers

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

Ajax Security System



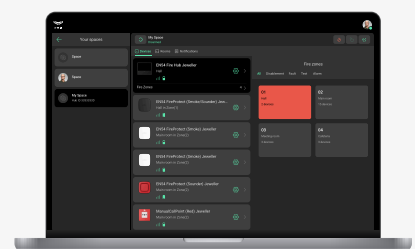
For fire officers

Stay informed with instant fire alarms
and maintenance notifications

For facility owners

Get instant fire and intrusion alarms
wherever you are

Ajax PRO Desktop



For service providers

Administer Ajax systems, monitor
alarms, and confirm them using
a visual verification feature



macOS



iOS



Windows



Android

System control made easy



EN54 Fire Hub Jeweller

Wireless control and indicating equipment (CIE) for a fire alarm system, supporting intrusion protection devices

Introducing EN54 Fire Hub Jeweller, the Ajax's touchscreen CIE designed for all-around management of a fire safety system. Built-in communicators and a fully wireless device connection allow the system to be quickly deployed and connected to monitoring stations through Ajax apps. With its large touch screen and intuitive interface, the CIE provides detailed system status and alarm notifications, ensuring that staff are immediately aware of any situation. The CIE also supports EN 50131 (Grade 2) intrusion protection, video surveillance, and automation devices, making it a unified solution for commercial and municipal sites. Each alarm can be supported by visual verification, helping guide the facility staff on responding to the emergency.

Extended compliance EN 54-2, EN 54-4, EN 54-13, EN 54-21, EN 54-25, and EN 50131 (Grade 2)	Jeweller wireless technology communication with system devices at a distance of up to 1,800 m
Built-in communicators provides radio communication with system devices and internet connection via Ethernet, Wi-Fi, and two SIM cards 2G/4G(LTE)	40 fire zones with LED indication 25 intrusion groups 200 addressable devices 64 automation scenarios
Comprehensive protection support for fire, intrusion, and automation devices	Alarm and event transmission to ARC via SurGard (Contact ID) and SIA (DC-09) protocols
Big touchscreen with an intuitive interface a 10.1" display with a resolution of 1024 × 600 px	Support for 5 range extenders connectable via Jeweller radio protocol and Ethernet
240 V~ mains power supply backed up by a 24 or 72-hour battery	Compact enclosure size 277 × 267 × 65 mm
Built-in 60 dB buzzer	IP20 enclosure protection
Interface available in all system languages	Operating temperature ranges from –10 °C to +40 °C

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



Patented smoke chamber featuring dual-spectrum optical sensor

Two A1R/A1S/BR/BS/CS and fixed temperature thermistors

Built-in radio communicators

Built-in sounder with a 85 dB volume at a distance of 1 m

5-year battery lifespan

IP21C enclosure, 124 × 124 × 48 mm in size

Operating temperature ranges from 0 °C to +50 °C

EN 54 sounders and VADs

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



100 dB volume and 32 selectable alarm patterns

Visual indication: W-2.4-8.2 / C-3-8

Built-in radio communicators

5-year battery lifespan

IP54 enclosure, 145 × 145 × 51 mm in size

Operating temperature ranges from -10 °C to +50 °C

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
- Built-in radio communicators
- 102 × 104 × 39 mm enclosure with an operating temperature range from 0 °C to +50 °C

Powerful add-ons for expanded system capabilities

EN54 Fire ReX Jeweller

Wireless radio signal range extender for a fire alarm system, supporting intrusion protection devices



EN 54-4

EN 54-18

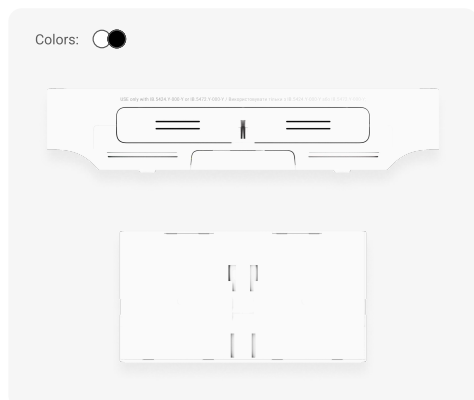
EN 54-25

EN 50131
(Grade 2)

- Up to 1,800 m of added communication range via Jeweller radio protocol and Ethernet
- Expanded system 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
- Support for fire, intrusion, and automation devices
- IP20 enclosure, 226 × 239 × 53.5 mm in size
- Operating temperature ranges from -10 °C to +40 °C

EN54 Internal Battery

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

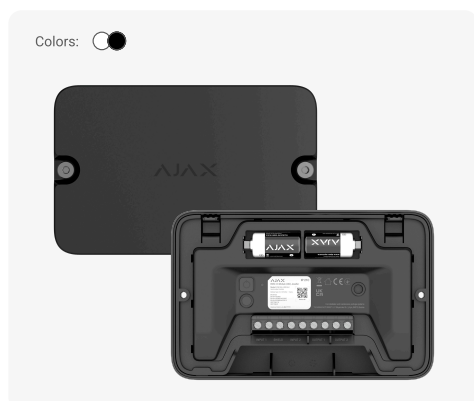


Models available:

- **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 supporting NO, NC, EOL, 2EOL, and 3EOL to receive alarms
- 2 outputs to control third-party devices
- Up to 5 years of autonomous operation
- Thought-out design for easy wiring
- Built-in radio communicators
- IP21C enclosure, 116 × 180 × 62 mm in size
- Operating temperature ranges from 0 °C to +50 °C

EN54 Line devices

Device name	Device description	Certification	
EN54 Fire Hub Jeweller	Wireless control and indicating equipment (CIE) for a fire alarm system, supporting intrusion protection devices	EU CPR: EN 54-2 EN 54-4 EN 54-13 EN 54-21 EN 54-25	EN 50131 (Grade 2) Directive 2014/53/EU (RED)
GlandBox	Wiring accessory for a control and indicating equipment (CIE)	–	
EN54 Fire ReX Jeweller	Wireless radio signal range extender for a fire alarm system, supporting intrusion protection devices	EU CPR: EN 54-4 EN 54-18 EN 54-25	EN 50131 (Grade 2) Directive 2014/53/EU (RED)
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		Directive 2006/66/EC Regulation (EU) 2023/1542
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		Directive 2006/66/EC Regulation (EU) 2023/1542
EN54 FireProtect (Heat) Jeweller	Wireless point heat detector	EU CPR: EN 54-5 EN 54-25	Directive 2014/53/EU (RED)
EN54 FireProtect (Heat/Sounder) Jeweller	Wireless point heat detector combined with a fire alarm sounder	EU CPR: EN 54-3 EN 54-5 EN 54-25	Directive 2014/53/EU (RED)
EN54 FireProtect (Smoke) Jeweller	Wireless point smoke detector	EU CPR: EN 54-7 EN 54-25	Directive 2014/53/EU (RED)
EN54 FireProtect (Smoke/Sounder) Jeweller	Wireless point smoke detector combined with a fire alarm sounder	EU CPR: EN 54-3 EN 54-7 EN 54-25	Directive 2014/53/EU (RED)
EN54 FireProtect (Sounder) Jeweller	Wireless fire alarm sounder	EU CPR: EN 54-3 EN 54-25	Directive 2014/53/EU (RED)
EN54 FireProtect (Sounder/VAD) Jeweller	Wireless fire alarm sounder combined with a visual alarm device (VAD)	EU CPR: EN 54-3 EN 54-23 EN 54-25	Directive 2014/53/EU (RED)
EN54 FireProtect (VAD) Jeweller	Wireless visual fire alarm device (VAD)	EU CPR: EN 54-23 EN 54-25	Directive 2014/53/EU (RED)
EN54 I/O Module (2X2) Jeweller	Wireless module with two inputs and two outputs for a fire alarm system	EU CPR: EN 54-18 EN 54-25	Directive 2014/53/EU (RED)
ManualCallPoint (Red) Jeweller	Wireless resettable button for manual fire alarm activation featuring programmable scenarios. Red-colored version.	EU CPR: EN 54-11 EN 54-25	Directive 2014/53/EU (RED)
ManualCallPoint (Blue) Jeweller	Wireless resettable button featuring programmable scenarios. Blue-colored version.		Directive 2014/53/EU (RED)
ManualCallPoint (Green) Jeweller	Wireless resettable button featuring programmable scenarios. Green-colored version.		Directive 2014/53/EU (RED)
ManualCallPoint (Yellow) Jeweller	Wireless resettable button featuring programmable scenarios. Yellow-colored version.		Directive 2014/53/EU (RED)
ManualCallPoint (White) Jeweller	Wireless resettable button featuring programmable scenarios. White-colored version.		Directive 2014/53/EU (RED)



Partner with Ajax Systems
ajax.systems/partner-form



ajax.systems