

Tech specs

EN54 LINE

EN54 Indicator Jeweller

Wireless addressable remote fire alarm indicator



Device compatibility

Check

Communication

📶 Jeweller communication technology



Proprietary wireless communication technology to transmit commands, alarms, and events.

Key features:

- Two-way communication.
- Advanced sabotage protection.
- Block encryption featuring a dynamic key.
- Instant notifications.
- Remote control and configuration in Ajax apps.

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Frequency bands

866.0–866.5 MHz

868.0–868.6 MHz

868.7–869.2 MHz

905.0–926.5 MHz

915.85–926.5 MHz

921.0–922.0 MHz

Depends on the sales region.

Maximum effective radiated power (ERP)

up to 20 mW

Automatic power control to reduce power consumption and radio interference.

Radio signal modulation

GFSK

Radio communication range

up to 1,700 m

Between the device and control and indicating equipment (CIE) or a range extender in open space.

Calculate radio communication range at the facility >

Encrypted communication

All stored and transmitted data is protected by block encryption featuring a dynamic key.

Frequency hopping

To prevent radio interference and jamming.

Learn more >

Alarm annunciation

Indication type

light

LED frame.

Indication pattern

bistable

continuous pulse

Adjusted by a PRO or user with admin rights in an Ajax app.

Alarm indication test

To check that the fire alarm indication is visible in the premises.

Installation recommendations

The device is designed for both indoor and outdoor use.

The SmartBracket mounting panel allows the device to be rotated up to 55 degrees after installation.

Sabotage protection

Tamper button

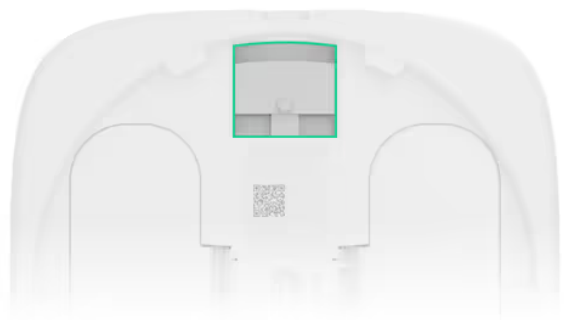
The system sends a fault notification when an attempt is made to remove the device from the mounting panel.

[Learn more >](#)

Lock for SmartBracket

to secure the device on the SmartBracket mounting panel

When locked, the lock secures the device and prevents it from being removed without a special tool.



Protection against spoofing

device authentication

Connection loss detection

after 36 s

Detection time depends on Jeweller settings.

Power supply

Battery

2 × CR123A

Pre-installed.

Tool-free battery replacement

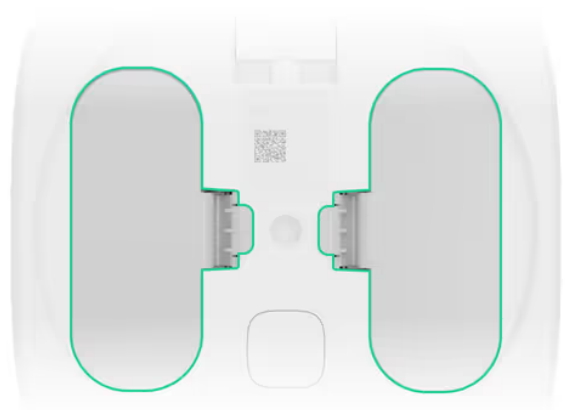
To replace the batteries, open the battery compartment covers.

Reverse polarity protection

Prevents device damage if the batteries are inserted incorrectly.

Recommended battery type

Huiderrui CR123A; 3 V; 1,600 mAh,
LiMnO₂



Calculated battery life

up to 5 years

Enclosure

Dimensions

90 × 90 × 33 mm

Weight

186 g

Operating temperature range

from -10 °C to +50 °C

Operating humidity

up to 80%

Protection class

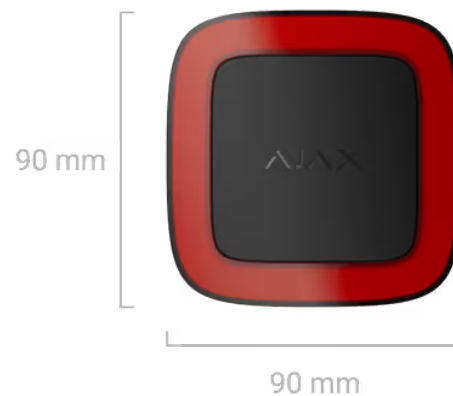
IP67

EN54 EN54 Indicator Jeweller

More 

Flammability rating

UL 94 V-0



Color

Black



White



Complete set

EN54 Indicator Jeweller

2 × CR123A battery (pre-installed)

SmartBracket mounting panel

Installation kit

Quick start guide

Revision

1

Certification and compliance with standards



EN54 Indicator Jeweller



Additional information

Compliance with standards

[Learn more >](#)

User manual

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Warranty

24 months


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Rating 4.8

4,500,000

people worldwide under Ajax protection

Suggest a feature



Products

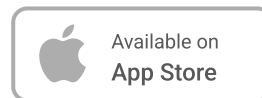
- Intrusion protection
- Video surveillance
- Fire and life safety
- Comfort and automation
- All products
- Services
- System integrations
- Ajax Ready products
- Fibra wired protocol
- Ajax radio protocols

Solutions

- Customer stories
- Solutions by facility type
- Commercial fire detection and alarm system
- Wireless Grade 3 solution
- Video surveillance solution
- Integration with Yale smart locks
- Upgrades and retrofits
- Why Ajax
- How it works

Software

- Ajax Security System
- Ajax PRO: Tool for Engineers
- Ajax Desktop
- Ajax PRO Desktop
- Ajax TV
- Ajax Translator PRO
- Ajax Cloud Signaling
- Ajax Media Player
- Scenarios



Support

- Manuals and articles
- Compliance with standards

Tools

- Ajax kit configurator
- Ajax device compatibility
- CMS software compatibility
- Ajax Services availability
- Video storage calculator
- Video device calculator
- Battery life calculator
- Radio communication range calculator

[Switches and outlets configurator](#)

[Fibra power supply calculator](#)

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Monitoring solutions and integrations

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