Tech specs

EN54 LINE

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

−	**Device compatibility**		Check

Battery type

Battery

4 × 18650

Rechargeable Li-ion battery.

Nominal voltage

7.4 V⎓

Capacity

5 Ah

Power supply

Maximum load current

3.2 A

End-of-life battery voltage

6 V⎓

Power consumption

Average power consumption with LTE only

50 mA · h

Average power consumption with Ethernet only

120 mA · h

Average power consumption with Wi-Fi only

70 mA · h

Average power consumption with Ethernet and Cellular (standby)

102 mA · h

Average power consumption with LTE, Wi-Fi, and Ethernet

140 mA · h

Recommendations

Use the battery with compatible devices only.

The battery is designed for indoor use only.

Enclosure

Dimensions

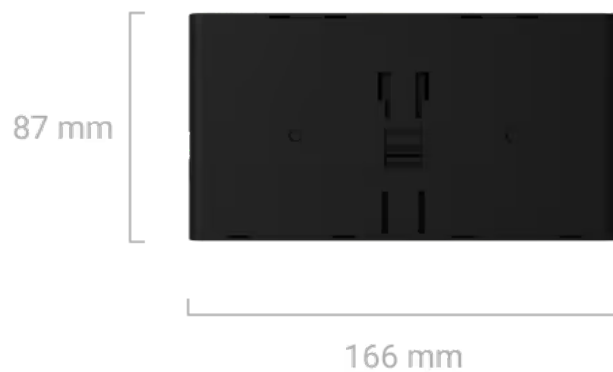166 × 87 × 23 mm

Weight

270 g

Operating temperature range

from −10 °C to +40 °C

Operating humidity

up to 75% non-condensing

Protection class

IP20

87 mm

166 mm

23 mm

Color

Black

White

Complete set

EN54 Internal Battery (24h)

Revision

2

Certification and compliance with standards

	EN54 Internal Battery (24h)	⌄

Additional information

Compliance with standards

Learn more ›

User manual

Learn more ›

Warranty

24 months

Learn more ›

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
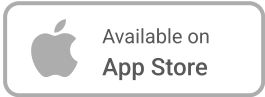
Customer stories

Solutions by facility type

Commercial fire detection and
alarm system

Wireless Grade 3 solution

Upgrades and retrofits

Why Ajax

How it works

Company

Blog

About us

Press page

Software

For users

Ajax PRO: Tool for Engineers

Ajax Desktop

Ajax PRO Desktop

Ajax Translator PRO

Ajax Cloud Signaling

Scenarios

Available on
App Store

Available on
Google Play

Support

Manuals and articles

Compliance with standards

Tools

Ajax device compatibility

Video storage calculator

Video device calculator

Battery life calculator

Radio communication range
calculator

Switches and outlets
configurator

Fibra power supply calculator

All web tools

Monitoring solutions
and integrations

Intrusion alarm monitoring

Video monitoring and visual
alarm verification

Audio alarm verification

For partners

For partners

Ajax Academy

Partner Portal

Subscribe

Subscribe to our emails about secure life. No spam.

Subscribe

Request extra help

✉ support@ajax.systems

⊙ @AjaxSystemsSupport_Bot

💬 Send a request

★ Trustpilot
★★★★★
Rating 4.8

4,000,000
people worldwide under Ajax protection

💡 Suggest a feature

Events

Career

Ajax Next

Students at CES 2026

Reviews and feedback

Hrvatska   Privacy policy   Report a vulnerability   GDPR White Paper   NDAA Statement   Cookie policy   Anti-Spam Policy

End user agreement   Warranty