

## Tech specs

# IndoorCam

Indoor Wi-Fi security camera with a PIR motion sensor and built-in AI



Device compatibility

Check

Video stream

Camera

4 MP CMOS sensor

## **Resolution**

up to 2688 × 1520 px

## **Camera viewing angles**

horizontal: 110°

vertical: 60°

## **Video protocol**

JetSparrow

Fast and encrypted peer-to-peer video protocol developed by Ajax Systems.

## **Storage options**

Ajax Cloud (coming soon)

NVR

## **Video codec**

H.264

## **Dynamic range**

HDR

Improves the accuracy of detail in bright and dark scenes.

---

## **Communication channel**

## Wi-Fi

802.11 b/g/n module

2.4 GHz, up to 2 Mbit/s for the channel 2K video.

## Jeweller and Wings communication technologies

Proprietary wireless communication technologies to transmit commands, alarms, events, and photo verifications. They serve as a backup communication channel when the device is added to the hub.

Learn more 

---

## Key features

### Two-way communication

Clear and loud voice communication between users and the device.

### Motion detection

The device detects movement using a built-in PIR sensor and software image frame analysis.

### Object detection

using AI

- People.
- Pets.
- Vehicles.

## **Smart IR illumination**

up to 8 m

Automatic adjustment of intensity in real time to avoid overexposure. This allows you to see objects that are far away or too close to the camera in low-light conditions.

## **Visual verification of Ajax alarms**

The system allows you to set up a scenario when Ajax detectors activate selected cameras to start recording. The result is immediately sent to the mobile or desktop monitoring app.

## **Microphone**

For two-way communication and sound recording at the site.

## **Speaker volume**

TBC

## **Audio codec**

G722

## **Audio processing**

Always active noise suppression and echo cancellation.

## **LED indication**

An LED indicator shows the actual state of the device.

---

## **PIR detection**

## Sensitive elements

1 × PIR sensor

## Motion detection distance

up to 4 m

Depends on the sensitivity level adjusted in the device settings.

## Motion detection angle

horizontal: 110°

vertical: 60°

## Sensitivity

3 levels

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

## Installation recommendations

The device is designed for indoor use only.

It is **not recommended** to install the device in direct sunlight. This may cause overheating and damage to the device's electrical components.

---

## Sabotage protection

### Holding screw

secures the device on the mounting bracket

### mTLS

Encrypted connection for data protection.

### Authentication

via Ajax Cloud

Without local access rights.

### Secure Boot

Protection against firmware spoofing.

### OTA signature verification

Secure automatic firmware update.

### Privacy

Access rights distribution for users in mobile apps and for monitoring operators in PRO Desktop.

### Communication loss detection

Wi-Fi: can be set from 30 s



Jeweller/Wings: after 36 s

Detection time depends on **Ajax Cloud connection** and **Jeweller** or **Jeweller/Fibra** settings.

---

## Power supply

### Power supply unit

12 V $\overline{=}$   $\pm$  20%, 1 A

### Device power consumption

TBC

---

## Enclosure

### Dimensions

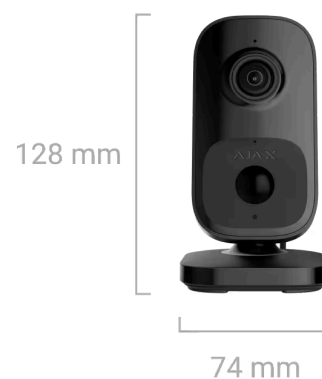
128 × 74 × 76 mm

### Weight

235 g

### Operating temperature range

from 0 °C to +40 °C



## Operating humidity

up to 90% with no condensation

## Protection class

IP20



---

## Color

### Black

RAL 9005



### White

RAL 9003



---

## Complete set

IndoorCam



Power supply unit



Installation kit

Quick start guide

Certification and compliance with standards

 IndoorCam 

Additional information

Compliance with standards


Learn more 

User manual

Learn more 

Warranty

24 months

Learn more 

Subscribe

Subscribe to our emails about secure life. No spam.

Subscribe

## Request extra help

✉ support@ajax.systems

📍 @AjaxSystemsSupport\_Bot

💬 Send a request



Rating 4.7

4,000,000

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

## 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

## Solutions

Customer stories

Solutions by facility type

Commercial fire detection and alarm system

Upgrades and retrofits

Why Ajax

How it works

## 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](#)

## Company

[Blog](#)

[About us](#)

[Press page](#)

[Events](#)

[Career](#)

[Ajax Next](#)

[Students at CES 2026](#)

[Reviews and feedback](#)

## For partners

[For partners](#)

[Ajax Academy](#)

[Partner Portal](#)

[🇷🇴 România](#) [Privacy policy](#) [Report a vulnerability](#) [GDPR White Paper](#) [NDAA Statement](#) [Cookie policy](#)  
[Anti-Spam Policy](#) [End user agreement](#) [Warranty](#)

© 2025 AJAX SYSTEMS CH. All rights reserved