Tech specs

IndoorCam

Indoor Wi-Fi security camera with PIR motion detector 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⎓ ± 20%, 1 A

Device power consumption

TBC

Enclosure

Dimensions

128 × 74 × 76 mm

128 mm

Weight

235 g

74 mm

Operating temperature range

from 0 °C to +40 °C

Operating humidity

up to 90% with no condensation

Protection class

IP20

76 mm

Color

Black	White
RAL 9005	RAL 9003

Complete set

IndoorCam

Power supply unit

Installation kit

Quick start guide

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

★ Trustpilot

★★★★★

Rating 4.7

2,500,000

people worldwide under Ajax protection

♀ Suggest a feature

f   ▶   ⬚   𝕏   in

Products

Intrusion protection

Video surveillance

Fire and life safety

Comfort and automation

All products

Services

Software

For users

Ajax PRO: Tool for Engineers

PRO Desktop

Ajax Translator

Scenarios

System integrations

Ajax Ready products

Available on
App Store

Available on
Google Play

Solutions

Customer stories

Solutions by facility type

Upgrades and retrofits

How it works

Support

Manuals and articles

Compliance with standards

Tools

Ajax device compatibility

Video storage 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

Reviews and feedback

For partners

For partners

Ajax Academy

Partner Portal

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

End user agreement   Warranty