# IndoorCam

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

| **Video stream** | **Camera**4 MP CMOS sensor**Resolution**up to 2560 × 1440 px**Camera viewing angles**horizontal: 110°vertical: 60°**Video protocol**JetSparrowFast 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. |
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| **Communication channel** | **Wi-Fi**802.11 b/g/n module2.4 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. |
| **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 mup to 26 ftAutomatic 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**up to XX dBXX dB at a distance of 1 m.XX dB at a distance of 3.3 ft.**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 mup to 13 ftDepends on the sensitivity level adjusted in the device settings.**Motion detection angle**horizontal: 110°vertical: 60°**Sensitivity**3 levelsAdjusted by a PRO or a user with admin rights in Ajax apps. |
| **Installation recommendations** | It is recommended to install the device at a height of XX m.It is recommended to install the device at a height of XX ft.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 CloudWithout 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 sJeweller/Wings: after 36 sDetection time depends on **Ajax** **Cloud connection** and **Jeweller** or **Jeweller/Fibra** settings. |
| **Power supply** | **Power supply unit**12 V⎓ ± 20%, 1 А**Device power consumption**TBC |
| **Enclosure** | **Dimensions**128 × 74 × 76 mm5.04" × 2.91" × 2.99"**Weight**235 g8.29 oz**Operating temperature range**from 0 °C to +40 °Cfrom 32 °F to 104 °F**Operating humidity**up to 90% with no condensation**Protection class**IP20 |
| **Color** | **White**RAL 9003**Black**RAL 9005 |
| **Complete set** | IndoorCamPower supply unitInstallation kitQuick start guide |
| **Warranty** | 24 months |