IndoorCam

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

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.

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 up to 26 ft 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** up to XX dB XX 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 m up to 13 ft 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	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 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 5.04" × 2.91" × 2.99" **Weight** 235 g 8.29 oz **Operating temperature range** from 0 °C to +40 °C from 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	IndoorCam Power supply unit Installation kit Quick start guide
Warranty	24 months