

# IndoorCam

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

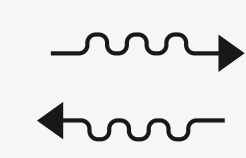


## Professional security and AI. Domesticated.

IndoorCam is an indoor video device that combines the usability of a Wi-Fi camera with high-end security features. Equipped with a PIR sensor and a wide-angle HDR camera powered by AI, the device detects people, animals, and vehicles and delivers excellent image quality. With a secure fallback communication channel, IndoorCam remains operational even if the Wi-Fi connection is lost. The camera upholds Ajax's signature privacy controls, ensuring that user data remains protected at all times.



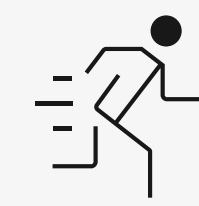
HDR technology



Two-way audio communication



AI-powered object recognition



PIR sensor for motion detection

## Three operation options



Easily accessible real-time video streaming thanks to the JetSparrow technology



Video streaming with a secure private archive

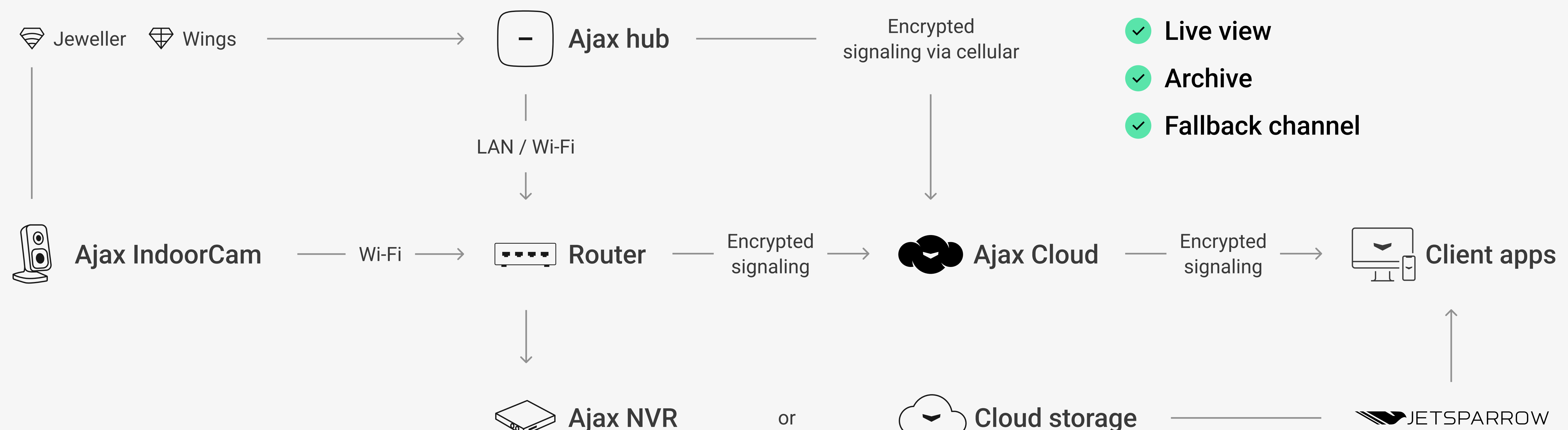


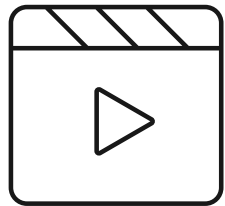
AI-powered object recognition and smart video recording with short clips stored in the cloud archive<sup>1</sup>

## Reliable connection at all times

IndoorCam uses Wi-Fi as its **primary communication channel**. The device is designed to amplify the signal and reduce radio interference, which ensures a more stable connection over greater distances.

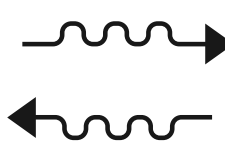
Connecting IndoorCam to an Ajax hub enables a **fallback communication channel**. This feature allows the device to continue transmitting events, alarms, and photos through the secure proprietary Jeweller and Wings radio protocols, even if the Wi-Fi connection is lost.





### Advanced video experience

- AI-powered recognition of people, animals, and vehicles
- Smooth streaming and archive navigation thanks to the JetSparrow technology
- High-quality images with a wide-angle HDR camera
- IR illumination of up to 8 m (26 ft) for enhanced visibility in the dark



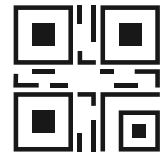
### Quality two-way audio audio

- Clear voice transmission with noise suppression
- Echo cancellation for better audibility
- Top-notch audio quality thanks to the G.722 codec



### Uncompromised security

- Fallback wireless communication with a hub at a distance<sup>2</sup> of up to 1,700 m (5,550 ft)
- Secure passwordless authentication
- Customizable access rights for each user



### Easy installation and setup

- Pairing with the hub by scanning the QR code
- Remote control and configuration via Ajax apps
- Conformance with ONVIF® Profile S
- RTSP support
- Articulating bracket for easy installation without disassembling the device enclosure

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| <div>Compatibility with hubs and range extenders</div> <div>For detailed information, scan the QR code or follow the link:</div> <div></div> <div><a href="https://ajax.systems/tools/devices-compatibility/?models=IC.Y.W">ajax.systems/tools/devices-compatibility/?models=IC.Y.W</a></div> | <div>Communication</div> <div>Jeweller and Wings radio communication technologies</div> <div>Communication range</div> <div>up to 1,700 m</div> <div>up to 5,550 ft</div> <div>In open space</div> <div>Frequency bands</div> <div>866.0–866.5 MHz</div> <div>868.0–868.6 MHz</div> <div>868.7–869.2 MHz</div> <div>905.0–926.5 MHz</div> <div>915.85–926.5 MHz</div> <div>921.0–922.0 MHz</div> <div>Depends on the sales region</div> <div>Wi-Fi</div> <div>802.11 b/g/n module</div> <div>2.4 GHz</div> | <div>Key features</div> <div>JetSparrow</div> <div>Proprietary Ajax protocol for fast and secure video transmission</div> <div>Two-way communication</div> <div>PIR motion detection</div> <div>up to 4 m</div> <div>up to 13 ft</div> <div>Using a PIR sensor</div> <div>Built-in AI</div> <div>Recognizing people, animals, and vehicles</div> <div>Smart IR illumination</div> <div>up to 8 m</div> <div>up to 26 ft</div> <div>Automatic real-time adjustment</div> <div>Audio processing</div> <div>Always active noise suppression and echo cancellation</div> | <div>Sound</div> <div>Output speaker power</div> <div>1.5 W</div> <div>Speaker volume</div> <div>85 dB</div> |
|                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <div>Power supply</div> <div>Main DC voltage range</div> <div>12 V<sup>==</sup></div>                        |

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| <b>Video recording</b><br><br><b>Camera</b><br>4 MP CMOS sensor<br><br><b>Resolution</b><br>up to 2688 × 1520 px<br><br><b>Camera viewing angles</b><br>horizontal: 110°<br>vertical: 60°<br><br><b>Video protocol</b><br>JetSparrow<br><br><b>Video codec</b><br>H.264<br><br><b>Dynamic range</b><br>HDR<br><br><b>Video stream</b><br>RTSP<br>Conformant with ONVIF® Profile S<br>The device implements ONVIF® transmission of motion detection and AI recognition events, control over Wide Dynamic Range (WDR), and other image settings – not ONVIF® profile or add-on conformant. | <b>General</b><br><br><b>Color</b><br>black, white<br><br><b>Dimensions</b><br>128 × 74 × 76 mm<br>5.04" × 2.91" × 2.99"<br><br><b>Weight</b><br>235 g<br>8.3 oz | <b>Installation</b><br><br><b>Operating temperature</b><br>0 °C to +40 °C<br>32 °F to 104 °F<br><br><b>Operating humidity</b><br>up to 90%<br><br><b>Protection class</b><br>IP20 | <b>Complete set</b><br><br>IndoorCam<br>Power supply unit<br>Installation kit<br>Quick start guide |
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<sup>1</sup> This feature will be available in upcoming updates.

<sup>2</sup> In open space.



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/indoorcam](https://ajax.systems/support/devices/indoorcam)

-  support@ajax.systems
-  @AjaxSystemsSupport\_Bot
-  ajax.systems