

DoorBell

Video doorbell with built-in AI, PIR sensor, and control via apps

Professional security at the front door

DoorBell combines the convenience of a smart doorbell with high-end security and video surveillance. When someone rings the doorbell, the user talks to the visitor straight away, with no lags or delays. Equipped with a PIR sensor and built-in AI, DoorBell accurately detects movement and recognizes people, animals, and vehicles. Users can always get a clear view of what is happening at the front door, all in outstanding quality thanks to the doorbell's wide-range HDR camera.

Key features

Top-grade camera 155° 4 MP HDR	Built-in AI object recognition	Clear two-way audio with noise suppression and echo cancellation	Chime when operating with Ajax sirens
IR illumination range up to 6 m 20 ft	Precise motion detection with a PIR sensor	Four colors	Mechanical button with LED indication
IP54 Water and dust resistant enclosure	JetSparrow Instant access to live stream and smooth archive ¹ navigation	AC/DC power supply + Built-in backup battery	Jeweller Wings Fallback communication channel
Informative push notifications Ajax Home: Doorbell button pressed, DoorBell in Front door Critical Ajax Store: motion detected, DoorBell in Entrance	Customizable virtual video wall	Adjustable motion detection area	Enhanced Wi-Fi connection at a distance of up to 500 m 1,600 ft in line of sight
Archive synchronization with system events ¹	Secure passwordless authentication	Remote control and configuration	High-resolution alarm verification Ajax Video scenario Motion in Open Space executed
Multi-tiered account security 2FA, session control, and password/biometric login	Tamper to detect device dismantling	Over-the-air updates without additional maintenance	Hassle-free installation QR code SmartBracket App

Designed for any location

Private house	Office	Apartment	Townhouse
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Fast, smart, and secure experience. Now with a doorbell.

Instant access to the video stream in Ajax apps

Users will never keep their guests waiting at the door. Our proprietary JetSparrow technology provides speedy video streaming so users can see their visitors in an Ajax app as soon as they ring the doorbell. Thanks to DoorBell's superb picture and audio quality, answering the door has never been so close to a simple phone call.

- Crisp 2K video powered by HDR
- Clear voice transmission with noise suppression
- Echo cancellation for better audibility

Synergy of AI and security for accurate object recognition

The DoorBell's AI-powered camera detects people, vehicles, and animals, while a built-in PIR sensor enhances detection accuracy and reduces false positives. By setting up detection zones, users receive notifications only when it truly matters. For visitors, the device offers a touchless experience. A courier with full hands doesn't need to press the doorbell button: users are instantly notified of their arrival and can jump into the conversation immediately.

- People
- Vehicles
- Animals

Standing guard at all times

DoorBell never turns into a brick, even if the Wi-Fi connection is lost. When added to an Ajax hub, DoorBell has a fallback communication channel. The device operates as a full-fledged part of an Ajax security system and keeps users and the CMS informed of on-site events. DoorBell uses the secure Jeweller communication technology to send event and alarm notifications, while the Wings protocol ensures reliable photo delivery.

- Up to 1,700 m 5,550 ft of wireless communication² with an Ajax hub
- Frequency hopping to detect interference or jamming
- Tamper button to detect device dismantling

Visitor history, secured and accessible

<p>Ajax NVR</p> <p>Experience rapid system response with instant access to an extensive 16 TB local video archive, providing cloud-level retrieval speed. Designed for wide compatibility, NVR allows for integrating nearly any third-party IP camera into Ajax intrusion protection and automation setup.</p>	<p>Ajax Cloud Storage</p> <p>Benefit from smart video recording and store in the cloud archive. The built-in AI recognizes people, vehicles, and animals. Select the object types you want to receive notifications for, and DoorBell will automatically record based on the choice made. Only the footage that matters most will be stored on Ajax Cloud Storage.</p>
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Rapid and encrypted data transfer

JetSparrow is the heart and brain of Ajax video transmission, storage, and management. We developed this video transmission technology to deliver an ultra-fast VMS experience. With JetSparrow, navigating through the local archive feels as smooth as browsing cloud storage. As a result, surfing the archive becomes remarkably efficient, and the live view initiates without any delay.

- Peer-to-peer transmission
- TLS encryption
- High stability

Extended Wi-Fi range for no lags and freezes

Forget about the video doorbell dropping off the Wi-Fi network at the worst possible moment. DoorBell is designed to be less susceptible to radio interference and maintain a stable connection at up to 500 meters 1,600 ft in line of sight – five times farther than competing solutions. This extended range offers greater installation flexibility, as installers no longer need to position the Wi-Fi

router directly near the door. For users, it ensures seamless communication with visitors and uninterrupted streaming whenever needed.

Seamless integration into Ajax video surveillance

All Ajax video devices operate as a unified system, enhancing security and keeping users and the CMS aware of on-site events. Integrate visual data from DoorBell, security cameras, and photo verification devices within a streamlined video wall interface. Rearrange the wall as needed to keep priority visuals in view.

Established security experience

Enhanced archive and data security	Strengthened account security
Ajax Systems ensures the highest level of protection for video data in compliance with EU data protection standards. Recordings can be stored in encrypted cloud storage or a secure NVR and be accessible only with authorized credentials. Passwordless authentication further reduces vulnerabilities of the video surveillance system.	Access to video streams is provided through the apps. The accounts can be secured with either a password or biometrics. Two-factor authentication and session control are also available.
Restricted visual data access	End-user-controlled system
The Privacy tab allows trusted accounts to grant or revoke user access rights to specific video streams and photos in real-time. Control who can view, listen, save, as well as and manage the content.	Once the system is installed, only the end user has control over it. It does not have backdoors. Access for PRO accounts is temporary. Only those with specific rights granted by the system administrator can access the visual data.

¹ DoorBell recordings are stored in Ajax NVR or Ajax Cloud Storage.

² In an open space.