TurretCam

Wired security IP camera

Product versions

TurretCam (5 Mp/2.8 mm) Wired security IP camera with up to 2880 × 1620 px resolution and 100°–110° viewing angle	TurretCam (8 Mp/2.8 mm) Wired security IP camera with up to 3840 × 2160 px resolution and 100°–110° viewing angle
TurretCam (5 Mp/4 mm) Wired security IP camera with up to 2880 × 1620 px resolution and 75°–85° viewing angle	TurretCam (8 Mp/4 mm) Wired security IP camera with up to 3840 × 2160 px resolution and 75°–85° viewing angle

Intelligence and privacy built-in

Get full control over the camera stream with precise privacy settings for each system user. Enjoy smooth and fast navigation with an intuitive interface empowered by state-of-the-art streaming technology. NDAA-compliant hardware — utilizing cutting-edge software and AI — delivers a clear image right when you need it.

Key features

Secure passwordless camera authentication	Customizable virtual video wall	Instant alarm verification in high-resolution	Customizable motion detection area
Fast archive navigation with dual stream technology[1]	Built-in AI-recognition	IR illumination range up to 35 m	Archive synchronization with system events[1]
Built-in digital microphone	Water and dust resistant metal enclosure	Multi-tiered account security: 2FA, session control, and password/biometric login	Support for up to 256 Gb SD card
Remote control and configuration	Two colors	H264/H265 codec support	

Discover future-proof hardware

- CMOS sensor: **5 Mp** (2880 × 1620 px), 8Mp (3840 × 2160 px) **Lens**: 2.8 mm, 4 mm

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- **IR illumination:** up to 35 m

- **Microphone:** G722 codec

- **Metal enclosure:** IP65 protection class

- **Built-in accelerometer:** Reports dismantling and impacts

- **microSD slot:** up to 256 Gb

Crafted lens for any space

Discover a range of versatile lens options tailored to your specific needs. Whether you require a broader perspective for outdoor installations or a closer focus on corridors and compact spaces, we have you covered. Opt for more megapixels to monitor extensive areas or fewer megapixels when space is limited and ultra-high detailing isn't a priority.

No matter your choice of lens, you can count on exceptional image quality day and night with the following key features:

- True WDR

- IR illumination

- H.264/H.265 compression

We've established a special laboratory to perfect image quality. We fine-tune camera sensors during production. The cameras can capture high-quality images and video even when there is little to no natural light available. They also use a unique optical system to evenly light up both close and distant areas, and True WDR for changing lights.

Advanced IR illumination

For clear night-time visuals, our cameras feature powerful infrared illumination. We've developed a specialized optical system that evenly illuminates both the camera's far and near zones. Thus, illumination effectively reaches the stated 35 meters.

Exceptional image

Ajax cameras easily adapt to changing light with True WDR technology. This smart tech, involving hardware and software, fixes uneven lighting in complex scenes, frame by frame, in real-time. True WDR provides excellent video quality with clear details, and configuring it is simple with our app, allowing for instant enhancements in video quality.

A device with no hidden agenda

All system data is securely stored within the European Union and is in full compliance with European data protection standards.

Ajax BulletCam is NDAA-compliant, with every component sourced from manufacturers trusted and approved by the US government. It is versatile and can be installed in any location. Additionally, BulletCam has undergone independent cybersecurity tests to ensure its safety and reliability.

Customizable video wall for simultaneous monitoring

Integrate all your visual data in a streamlined interface. The video wall tab combines the latest snippets from IP cameras and MotionCam series detectors, offering a comprehensive view of your space. Rearrange tiles according to your preference. The video wall is accessible on both mobile and desktop apps.

Smooth archive search

Effortlessly access the archive by clicking on an event in the notification log, instantly directing you to the precise camera recording at the event's timestamp. Everything is one click away with our advanced features.

- filters by motion or scenario
- a calendar view
- quick export options.

Gone are the days of sifting through endless recordings or waiting for hours just to find that one significant clip. Experience unparalleled system response speed and smooth control. The lightning-fast interface offers dual streams and instant archive access without the typical wait. Instantly jump to a specific timestamp with one click – no more tedious searching.

Instant event-to-video alarm verification

Notification feed synchronization[1]

With the app's system notifications, you can easily navigate to the specific camera and view the incident. This makes the app a comprehensive solution for both security and video surveillance.

Provided the use of an SD card or connection via NVR

Hi-res alarm verification[1]

Set up a scenario in which Ajax detectors activate specific cameras and initiate video recording. Configure the video settings to immediately receive high-resolution visual alarm confirmations.

Rapid and encrypted data transfer

Ajax JetSparrow is the heart and brain of the Ajax video. It is responsible for all the video transmission, storage, and management.

We have developed JetSparrow — our proprietary video transmission technology to deliver an ultra-fast VMS experience. Thanks to this streaming technology, navigating through the local HDD archive feels as smooth as browsing cloud storage. As a result, browsing the archive becomes remarkably efficient, and the live view initiates without any delay.

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

Camera empowered by AI

Ajax cameras offer AI-powered object recognition for efficient event recording and reduced storage usage.

This helps the surveillance system record only important events, like someone coming into a room or a car going through a parking lot.

Cameras can be armed selectively, and all processing occurs on the camera itself, minimizing infrastructure load. Efficiently searching for people and cars significantly accelerates incident processing at monitoring centers.

- Humans
- Vehicles
- Pets

Built-in motion detection

Optimize your video archive by setting up the pixel movement detection feature. Define specific zones to ensure recordings are triggered only when movement occurs in the selected area. This conserves HDD space and streamlines archive navigation.

Established security expertise

Enhanced archive security	Restricted visual data access
All visual information is saved on the card in a format that can only be accessed with your credentials. The camera is protected by an accelerometer, which also alerts you if someone tries to take off the SD card	The **Privacy** tab allows trusted accounts to control user access to specific video streams and photos in real-time. Control who can view, save, and manage your content, as well as listen to its audio.
Strengthened account security	End user-controlled system
Access to video streams is provided through the app. Ajax accounts can be secured with either a password or biometrics. Two-factor authentication and session control are also available.	Once the system is installed, only the end user has control over it. This ensures there are no hidden ways for unwanted access. Access for PRO accounts is temporary. Only those granted permission by the system administrator can view the video stream in the Ajax system.

Passwordless authentication is key

Our cameras do not have default passwords, eliminating a potential system weakness. Passwordless authentication via mTLS ensures that the camera can be connected to one space only.

Each cloud-endpoint interaction is authorized through encrypted certificates, eliminating password risks. Adding a camera is effortless via the Ajax app, ensuring a seamless and secure installation process

- Mutual TLS protocol
- No passwords to be compromised
- Streamlined installation

Rule your surveillance with NVR

Enjoy lightning-fast system response for instant access to a vast 16 TB video archive. Wide compatibility seamlessly integrates nearly any IP camera with intrusion protection and automation. NVR upholds the legacy of a professional security system trusted by millions worldwide.

Hassle-free installation and setup

Ajax cameras simplify the installation process, making it a breeze with minimal disassembly and an included template for precise hole placement, quality hex key, and secure screw design. Everything is seamlessly set up through the app, whether you're on-site or accessing remotely.

Connection	Installation	Setup	Monitoring
Pairing with the security system via QR code	The camera enclosure has a minimum of disassembled parts. Everything necessary for installation is included in the kit.	Configuring and testing in mobile and desktop apps	Ajax apps keep informed at all times with real-time camera status

[1] — *requires an SD-card installed or connection to NVR with a hard drive*