

## DomeCam Mini

Wired AI-powered IP security camera with IR illumination, True WDR, microphone, and PoE/12 V. For outdoor and indoor use.



ONVIF

NDA  
Compliant

### Product versions

#### DomeCam Mini (5 Mp/2.8 mm)

- 5 MP
- f/2.8 mm (fixed)
- up to 2880 × 1620 px
- 25 fps (3K UHD)
- 100°–110°

#### DomeCam Mini (8 Mp/2.8 mm)

- 8 MP
- f/2.8 mm (fixed)
- up to 3840 × 2160 px
- 20 fps (4K UHD)
- 100°–110°

#### DomeCam Mini (5 Mp/4 mm)

- 5 MP
- f/4 mm (fixed)
- up to 2880 × 1620 px
- 25 fps (3K UHD)
- 75°–85°

#### DomeCam Mini (8 Mp/4 mm)

- 8 MP
- f/4 mm (fixed)
- up to 3840 × 2160 px
- 20 fps (4K UHD)
- 75°–85°

### Intelligence and privacy built in

DomeCam Mini combines top-notch video streaming, AI-based object recognition, and best-in-class privacy control. The camera delivers high-definition visuals and ultra-fast archive navigation powered by the proprietary JetSparrow technology. Built-in AI saves time and storage by ensuring the camera records and notifies users of only selected events. Footage is instantly available via mobile and desktop Ajax apps or local VMS, strictly within the limits end users define. As part of the Ajax system, the camera works in sync with intrusion protection, fire safety, and automation devices – all managed effortlessly within a single interface.

#### Uncompromising security and privacy

- Passwordless camera authentication via mutual TLS (mTLS) handshake
- TLS-encrypted video streams
- User-controlled access to video content
- Secure video export with digital signature verification
- Multi-tiered account protection: passcodes, biometrics, and two-factor authentication
- Session control for additional account security
- NDA-compliant components and protocols

#### Seamless user experience

- AI-powered object recognition: people, pets, and vehicles
- High-resolution visual verification of alarms via video scenarios
- Instant transition from notifications to on-site video recordings
- Camera synchronization with security system modes
- Real-time monitoring with a customizable video wall
- True WDR (Wide Dynamic Range) for better image quality

## Smooth archive navigation

- Proprietary JetSparrow technology for instant, secure video streaming and smooth archive navigation
- Fast archive navigation using event timeline, calendar view, and search filters
- Dual streams for instant preview and optimized bandwidth usage
- Quick video clip export in just a few taps

## Easy installation and maintenance

- Adding to an Ajax system via QR code
- Remote control and configuration via Ajax apps
- Support for ONVIF/RTSP authorization<sup>1</sup>
- Motion detection zone configuration via Ajax mobile and desktop apps
- Real-time system health monitoring with automatic state checks

Up to 15 m (49 ft) IR illumination

Slot for up to 256 GB microSD

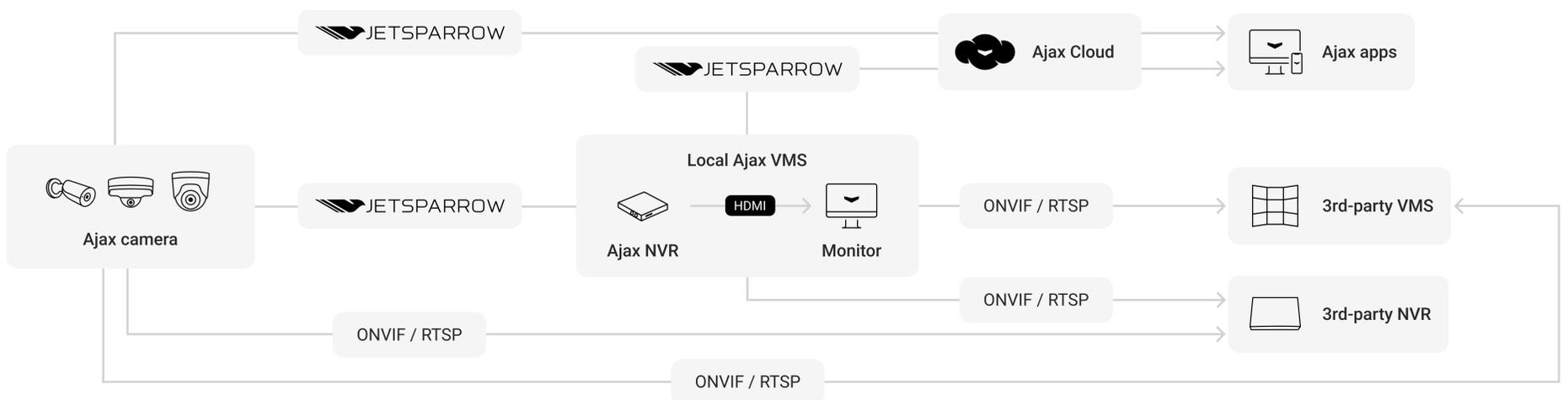
5 or 8 MP sensor

Accelerometer

IP65-rated enclosure

2.8 or 4 mm lens

Digital microphone



DomeCam Mini cameras can operate without an Ajax NVR. In this case, video footage is stored locally on a microSD card, if one is installed.

## DORI distance

Version	Detection	Observation	Recognition	Identification
DomeCam Mini (5 Mp/2.8 mm)	65 m (213 ft)	26 m (85 ft)	13 m (42 ft)	6.5 m (21 ft)
DomeCam Mini (5 Mp/4 mm)	86 m (282 ft)	34.4 m (112 ft)	17.2 m (56 ft)	8.6 m (28 ft)
DomeCam Mini (8 Mp/2.8 mm)	90 m (295 ft)	36 m (118 ft)	18 m (59 ft)	9 m (29 ft)
DomeCam Mini (8 Mp/4 mm)	117.5 m (385 ft)	47 m (154 ft)	23.5 m (77 ft)	11.6 m (38 ft)

<p><b>Key features</b></p> <p><b>JetSparrow</b> Proprietary Ajax protocol for fast and secure video transmission</p> <p><b>Motion detection</b> Built-in software to detect motion in the frame</p> <p><b>Object recognition with built-in AI</b> People Pets Vehicles</p> <p><b>Visual verification of Ajax system alarms</b></p> <p><b>Built-in digital microphone</b></p> <p><b>Activate sirens upon detection feature</b></p> <p><b>Automation scenarios</b></p> <p><b>Alarm verification</b> Motion detection AI-powered recognition Detector alarm Automation scenarios</p>	<p><b>Video and optics</b></p> <p><b>Resolution</b> <b>5 MP version:</b> up to 2880 × 1620 px @ 25 fps (3K UHD) <b>8 MP version:</b> up to 3840 × 2160 px @ 20 fps (4K UHD)</p> <p><b>Lens</b> <b>2.8 mm:</b> 100°–110° viewing angle <b>4 mm:</b> 75°–85° viewing angle</p> <p><b>Image processing</b> True WDR hardware and software</p> <p><b>Video compression</b> H.265, H.264</p> <p><b>Bitrate</b> 100 Mbps full-duplex</p> <p><b>Simultaneous live view</b> Up to 5 channels</p> <p><b>Illumination</b> IR illumination range: up to 15 m (49 ft)</p> <p><b>Video stream</b> ONVIF<sup>1</sup> RTSP</p>	<p><b>Power supply</b></p> <p><b>Power supply unit</b> 12 V<math>\pm</math> 20%, 1 A</p> <p><b>Ethernet</b> 10/100 Mbps (RJ-45)</p> <p><b>Ethernet port</b> PoE standard 802.3at/af</p> <p><b>Power consumption</b> up to 8.5 W</p> <p><b>Installation</b></p> <p><b>Operating temperature</b> from -30 °C to +60 °C from -22 °F to +140 °F</p> <p><b>Operating humidity</b> up to 90%</p>	<p><b>Enclosure</b></p> <p><b>Dimensions</b> 114 x 114 x 67 mm 4.45" × 4.45" × 2.64"</p> <p><b>Weight</b> 430 g 15.2 oz</p> <p><b>Colors</b> black, white</p> <p><b>Protection class</b> IP65 IK08</p>
		<p><b>Compliance with standards</b></p> <p>CE RoHS NDAA</p>	<p><b>Complete set</b></p> <p>DomeCam Mini Installation template Installation kit Quick start guide</p>

<sup>1</sup> Full support for Profile S, partial support for Profiles T and M.



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

✉ support@ajax.systems  
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