AJAX-DOME-5MP-28-W

Ajax - 5MP IP White Mini Dome camera with a 2.8mm wide-view Lens

Product Overview

Ajax - 5MP IP White Mini Dome camera with a 2.8mm wide-view Lens, 2880x1620 Resolution, 25 fps, Viewing angle from 100 degrees to 110 degrees, H.265 / H.264 codecs, 100 Mbps Ethernet, Motion Detection, Object detection, Up to 30 m Smart IR illumination, Microphone





Specifications

Features:

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.

Discover DomeCam Mini
DomeCam Mini is a wired IP camera designed with the highest standards of security and privacy in mind

Key features

- Secure passwordless camera authentication
- Instant alarm verification in high-resolution
- Built-in AI-recognition
- Customizable virtual video wall
- Fast archive navigation with dual stream technology
- IR illumination range
- up to 30 m
- Built-in digital microphone
- Customizable motion detection area
- Archive synchronization with system events

Multi-tiered account security

- 2FA, session control, and password/biometric login
- H264/H265 codec support

- Remote control and configuration

Discover future-proof hardware

- CMOS sensor: 5 Mp (2880 x 1620 px), 8 Mp (3840 x 2160 px) Lens: 2.8 mm, 4 mm
- MicroSD slot: up to 256 Gb
- Metal enclosure: IP65 protection class
- Microphone: G722 codec
- IR illumination: up to 30 m
- Built-in accelerometer: reports dismantling and impacts

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.

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

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 DomeCam Mini 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, DomeCam Mini 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
- 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

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.

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 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.

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.

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 space and streamlines archive navigation.

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.

Specifications:

Compatibility	
Control panels	Hub
	Hub Plus
	Hub 2 (2G)
	Hub 2 (4G)
	Hub 2 Plus
	Hub Hybrid (2G)
	Hub Hybrid (4G)
	Differences between hubs
Video recorders	NVR
Models	

5 Mp/2.8 mm	Resolution up to 2880 x 1620 px
	Frame rate 25 FPS
	Viewing angle from 100 degrees to 110 degrees
5 Mp/4 mm	Resolution up to 2880 x 1620 px
	Frame rate 25 FPS
	Viewing angle from 75 degrees to 85 degrees
8 Mp/2.8 mm	Resolution up to 3840 x 2160 px
	Frame rate 20 FPS
	Viewing angle from 100 degrees to 110 degrees
8 Mp/4 mm	Resolution up to 3840 x 2160 px
	Frame rate 20 FPS
	Viewing angle from 75 degrees to 85 degrees
Videostream	
Video protocol	JetSparrow
	Fast and encrypted peer-to-peer video protocol developed by Ajax Systems.
Storage	NVR
	microSD
	Memory storage device not included.
Codecs	H.265
	H.264
Dynamic ranges	HDR
	WDR
Communication channel	
Ethernet	up to 100 Mbps
Key features	
Motion detection	The camera has software to detect motion in the frame.
Object detection	using AI
	Humans.
	Pets.
	Vehicles.
Smart IR illumination	up to 30 m
	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.
Active zone	The camera focuses on certain areas of its view where the device will detect motion.
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	With the corresponding settings, the camera records sound at the object.

Power supply	
Power supply unit	12 Vdc +- 20%, 1A
	Up to 7.5 W of mains power consumption.
Ethernet port	PoE Standard 802.3at
Sabotage protection	
mTLS	Encrypted connection for data protection.
Authentication	via 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.
Enclosure	
Dimensions	113 x 60 mm
Weight	360 g
Operating temperature range	from -25 degreesC to +40 degreesC
Operating humidity	up to 90%
Protection class	IP65
Colours	
Colours	Black
	White
Complete set	
Complete set	DomeCam Mini (5 Mp/2.8 mm)
	Installation template
	Installation kit
	Quick start guide

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/AJAX-DOME-5MP-28-W-Ajax-5MP-IP-White-Mini-Dome-camera-with-a-2-8mm-wide-view-Lens-p-294636.php

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