

Tech specs

BASELINE

BulletCam (8 Mp/2.8 mm)

Wired AI-powered IP security camera with a 110° viewing angle, IR illumination, True WDR, microphone, and PoE/12 V. For outdoor and indoor use.



Models

8 Mp/2.8 mm

- Resolution up to 3840 × 2160 px



- viewing angle from 100° to 110°
-

Camera

DORI distance

- Detection: 90 m
- Observation: 36 m
- Recognition: 18 m
- Identification: 9 m

Minimum illumination

color: 0.005 lx

B/W: 0 lx

Signal-to-noise ratio (SNR)

more than 52 dB

Videostream

Video protocol

JetSparrow

Fast and encrypted peer-to-peer video protocol developed by Ajax Systems.

Storage

NVR

Hard drive with a capacity of up to 16 TB (SATA connectivity, 3.5" size). Memory storage device not included.

microSD

Up to 256 GB. The memory card should be Class V30 or faster. Memory storage device not included.

Video codec

H.265

H.264

Dynamic range

120 dB (True 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 50 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.

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.

[Learn more](#) >

Support for ONVIF authorization

Profile S

Profile T (partially)

Ajax cameras and NVRs can be integrated into third-party video management systems (VMS).

Learn more >

Microphone

With the corresponding settings, the camera records sound at the object.

Audio codec

G711-ULAW

G711-ALAW

G726

G722

Power supply

Power supply unit

12 V $\overline{=}$ \pm 20%, 1 A

Up to 15 W of mains power consumption.

Ethernet port

PoE Standard 802.3at/af

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.

[Learn more](#) >

Enclosure

Dimensions

198 × 76 × 76 mm

Weight

550 g

Operating temperature range

from -30 °C to +60 °C

Operating humidity

up to 90%

Protection class

IP65, IK08



Colors

Black



White



Complete set


BulletCam (8 Mp/2.8 mm)

Installation template

Installation kit

Quick start guide

Certification and compliance with standards

 **BulletCam (8 Mp/2.8 mm)**



Additional information

Compliance with standards

[Learn more >](#)

User manual

[Learn more >](#)

Warranty

24 months

[Learn more >](#)

Subscribe

Subscribe to our emails about secure life. No spam.

[Subscribe](#)

Request extra help

✉ support@ajax.systems

📍 [@AjaxSystemsSupport_Bot](#)

💬 [Send a request](#)



Rating 4.8

4,500,000

people worldwide under Ajax protection

 Suggest a feature



Products

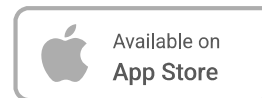
- Intrusion protection
- Video surveillance
- Fire and life safety
- Comfort and automation
- All products
- Services
- System integrations
- Ajax Ready products
- Fibra wired protocol
- Ajax radio protocols

Solutions

- Customer stories
- Solutions by facility type
- Commercial fire detection and alarm system
- Wireless Grade 3 solution
- Video surveillance solution
- Integration with Yale smart locks
- Upgrades and retrofits
- Why Ajax
- How it works

Software

- Ajax Security System
- Ajax PRO: Tool for Engineers
- Ajax Desktop
- Ajax PRO Desktop
- Ajax TV
- Ajax Translator PRO
- Ajax Cloud Signaling
- Scenarios



Support

- Manuals and articles
- Compliance with standards

Tools

- Ajax device compatibility
- CMS software compatibility
- Ajax Services availability
- Video storage calculator
- Video device calculator
- Battery life calculator
- Radio communication range calculator
- Switches and outlets configurator
- Fibra power supply calculator
- All web tools

Monitoring solutions and integrations

Intrusion alarm monitoring

Video monitoring and visual alarm verification

Audio alarm verification

Company

[Blog](#)

[About us](#)

[Press page](#)

[Events](#)

[Career](#)

[Ajax Next](#)

[Reviews and feedback](#)

For partners

[For partners](#)

[Ajax Academy](#)

[Partner Portal](#)

[!\[\]\(007bb571fc5331b364ae27ddf8a1c148_img.jpg\) Pilipinas](#) [Privacy policy](#) [Report a vulnerability](#) [GDPR White Paper](#) [NDAA Statement](#) [Cookie policy](#) [Anti-Spam Policy](#)
[Ajax Services T&C](#) [End user agreement](#) [Warranty](#)

© 2026 AJAX SYSTEMS CH. All rights reserved