Tech specs

BASELINE

TurretCam (5 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

5 Mp/2.8 mm

- Resolution up to 2880 × 1620 px
- Frame rate up to 25 FPS
- Viewing angle from 100° to 110°

Camera

DORI distance

- Detection: 65 m
- Observation: 26 m
- Recognition: 13 m
- Identification: 6.5 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 codecs

H.265
H.264

Dynamic ranges

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⎓ ± 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

103 × 98 × 98 mm

Weight

496 g

Operating temperature range

from −30 °C to +60 °C

Operating humidity

up to 90%

Protection class

IP65, IK08

Colors

Black

White

Complete set

TurretCam (5 Mp/2.8 mm)

Installation template

Installation kit

Quick start guide

Certification and compliance with standards

TurretCam (5 Mp/2.8 mm)

Additional information

Compliance with standards

Learn more

User manual

Learn more

Warranty

24 months

Learn more

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

Software

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

Available on App Store

Available on Google Play

Subscribe

Subscribe to our emails about secure life. No spam.

Subscribe

Request extra help

support@ajax.systems

@AjaxSystemsSupport_Bot

Ask a question

Trustpilot

Rating 4.8

4,500,000

people worldwide under Ajax protection

Suggest a feature

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

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

Ajax PRO channel

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