

## Tech specs

BASELINE

# TurretCam (8 Mp/4 mm)

Wired security IP camera with up to 3840 × 2160 px resolution and 75°–85° viewing angle



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## Devices compatibility

Check >

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## Models

5 MP/2.8 mm

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

#### **5 MP/4 mm**

- Resolution up to 2880 × 1620 px
- Frame rate up to 25 FPS
- Viewing angle from 75° to 85°

#### **5 MP/2.8 mm**

- Resolution up to 3840 × 2160 px
- Frame rate up to 20 FPS
- Viewing angle from 100° to 110°

#### **8 MP/4 mm**

- Resolution up to 3840 × 2160 px
- Frame rate up to 20 FPS
- Viewing angle from 75° to 85°

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## **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. Memory storage device not included.

### **Video codec**

H.265

H.264

Dynamic ranges

True WDR

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## Communication channel

Ethernet

up to 100 Mbps

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## 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 35 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** >

## Microphone

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

### Audio codec

G711-ULAW

G711-ALAW

G726

G722

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## Power supply

### Power supply unit

12 V<sub>DC</sub> ± 20%, 1 A

Up to 15 W of mains power consumption.

### Ethernet port

PoE Standard 802.3at

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## 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](#) >

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## 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



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## Colours

Black



White



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## Complete set

TurretCam (8 Mp/4 mm)

Installation template

Installation kit

Quick start guide

## Additional information

Compliance with standards

[Learn more >](#)

User manual

[Learn more >](#)

Warranty

24 months

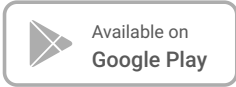
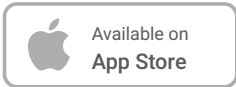
[Learn more >](#)

## Products

- Superior
- Fibra
- Intrusion protection
- Video surveillance
- Fire detection
- Water leak prevention
- Comfort & Productivity

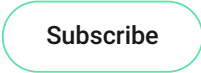
## Software

- For users
- PRO Desktop
- Ajax Translator
- Scenarios



## Subscribe

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## Request extra help

- ✉ support@ajax.systems
- 🗉 @AjaxSystemsSupport\_Bot

## Solutions

- Customer stories
- Ajax ecosystem integrations
- Ajax Ready products
- Solutions by facility type
- Why Ajax
- How it works

## Support

- Manuals and articles
- Compliance with standards



2,500,000 people worldwide under Ajax protection

## Tools

- Battery life calculator
- Radio communication range calculator
- Fibra power supply calculator
- Case configurator
- Switches and outlets configurator
- Ajax devices compatibility
- All web tools



## Company

- Blog
- About us
- Press page
- Events
- Career
- Reviews and feedback

## For partners

- For partners
- Ajax Academy
- Partner Portal