TurretCam (8 Mp/2.8 mm)

Wired security IP camera with up to 2880 × 1620 px resolution and 100°–110° viewing angle

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°

8 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°

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 codecs

H.265
H.264

Dynamic ranges

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 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.

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

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

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

Complete set

TurretCam (8 Mp/2.8 mm)

Installation template

Installation kit

Quick start guide