TurretCam

Wired security IP camera

SD · True WDR · IP65 · IR · 3-Axis · PoE

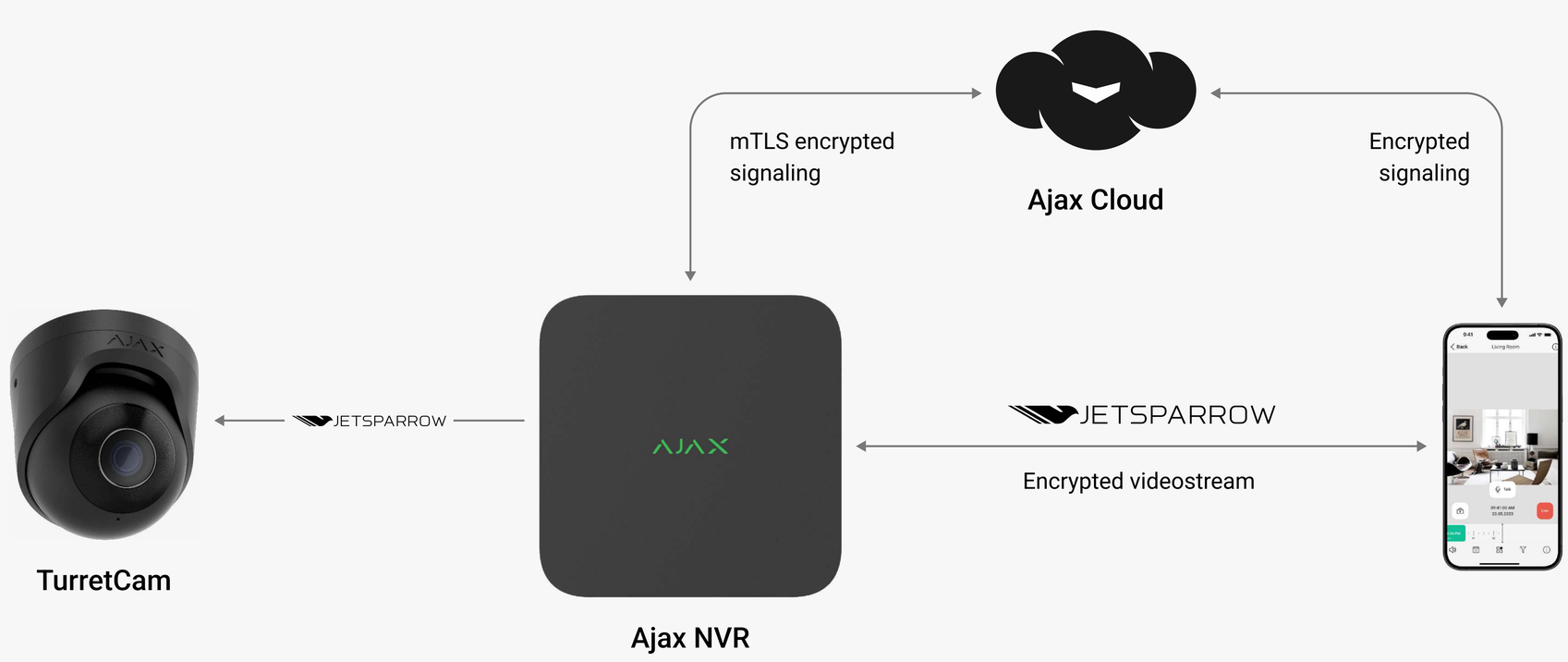


NDAA Compliant

Product versions	
TurretCam (5 Mp/2.8 mm) Wired security IP camera with up to 2,880 x 1,620 px resolution and 100°–110° viewing angle	**TurretCam (8 Mp/2.8 mm)** Wired security IP camera with up to 3,840 x 2,160 px resolution and 100°–110° viewing angle
TurretCam (5 Mp/4 mm) Wired security IP camera with up to 2,880 × 1,620 px resolution and 75°–85° viewing angle	**TurretCam (8 Mp/4 mm)** Wired security IP camera with up to 3,840 x 2,160 px resolution and 75°–85° viewing angle

How it works

TurretCam operates seamlessly by utilizing Ajax Cloud for transmitting system events, while the proprietary JetSparrow technology ensures fast peer-to-peer transmission of video data. With AI-analysis capabilities, TurretCam can detect and recognize object types, such as humans, vehicles, and pets. This allows the surveillance system to record only relevant events and use less storage. To make surveillance precisely selective, it is possible to enable cameras only when the system is armed.



TurretCam can operate without Ajax NVR, saving the archive on the SD card (if installed)

Uncompromising security and privacy

- Passwordless camera authentication with mTLS handshake
- Video stream with TLS encryption
- Real-time privacy control via the apps
- Account security with passcodes, biometrics, and two-factor authentication
- Session control for added protection
- Owner-only access to media data recorded on the hard drive
- Accelerometer to notify of impacts or dismantling (in future releases)
- Components only from white-listed vendors in NDAA

Seamless user experience

- Objects AI recognition: humans, vehicles, pets[1]
- High-resolution visual verification for alarms with video scenarios[1]
- Easy transition from notifications feed to on-site video recordings[1]
- Cameras synchronization with security modes
- Real-time oversight with a customizable video wall
- TrueWDR for exceptional image quality

Smooth archive navigation

- JetSparrow peer-to-peer streaming
- Instant live view
- Fast archive navigation with filters and calendar
- Dual streaming for instant preview
- Video clip export in a few clicks

Easy installation and maintenance

- Connection via QR code
- Configuration via Ajax apps
- Adjustable motion detection zones available in the apps
- Real-time supervision with health checks



Superior, **Fibra**, and **Baseline** product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

Features

Resolution
5 MP Model: Up to 2,880 x 1,620 px @ 25 fps (3K UHD)
8 MP Model: Up to 3,840 x 2,160 px @ 20 fps (4K UHD)

Lens
- 2.8 mm: 100°-110° Viewing Angle
- 4 mm: 75°-85° Viewing Angle

Day/Night Switch
Automatic

Image processing
True WDR (hardware and software)

Video Compression
H.265, H.264

Bitrate
100 Mbps full-duplex

Simultaneous Live View
Up to 5 Channels

User Access
Up to 200 Users

Alarm Trigger
Motion Detection, AI-recognition, Detector alarm, Automation scenarios

Compatibility

Hubs
All Ajax hubs
(up to 200 cameras in one Ajax system)

Video recorders
NVR

Enclosure

Dimensions
103 × 98 × 98 mm

Weight
475 g

Colors
Black
White

Operating temperature range
from −25 °C to +40 °C
from −13 °F to 104 °F

Operating humidity
up to 90%

Power supply

Power supply unit
12 V ± 20% ⎓, 1 A
Up to 7.5 W of mains power consumption

Ethernet port
PoE Standard 802.3at

Compliance

CE
RoHS
NDAA

Complete set

TurretCam
Installation template
Installation kit
Quick start guide

1 — requires an SD-card installed or connection to NVR with a hard drive

For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/turretcam/

support@ajax.systems
@AjaxSystemsSupport_Bot
ajax.systems