

AJAX TurretCam Wired Security IP Camera



# AJAX TurretCam Wired Security IP Camera Instruction Manual

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**AJAX TurretCam Wired Security IP Camera**



## Specifications

- Product Name: TurretCam
- NDAA Compliant
- Wired security IP camera
- Available Product Versions:
  - TurretCam (5 Mp/2.8 mm)
  - TurretCam (8 Mp/2.8 mm)
  - TurretCam (5 Mp/4 mm)
  - TurretCam (8 Mp/4 mm)

## Product Information

TurretCam operates seamlessly by utilizing Ajax Cloud for transmitting system events. 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 enables the surveillance system to record only relevant events and use less storage. The system can be set to enable cameras only when armed, enhancing selectivity.

## Security and Privacy Features

- mTLS encrypted signaling
- Passwordless camera authentication with mTLS handshake
- Video stream with TLS encryption
- Real-time privacy control via the apps

## User Experience Features

- Objects AI recognition: humans, vehicles, pets

- High-resolution visual verification for alarms with video scenarios

## Smooth Archive Navigation

- JetSparrow peer-to-peer streaming
- Instant live view

## Easy Installation and Maintenance:

- Connection via QR code
- Configuration via Ajax apps

## Product Usage Instructions

### Installation

1. Connect the camera using the provided QR code for easy setup.
2. Configure the camera settings through the Ajax apps for personalized usage.

### Usage

1. Enable the surveillance system only when armed for selective monitoring.
2. Utilize the AI-analysis capabilities to detect and recognize object types.

## Frequently Asked Questions (FAQ)

### Q: Can TurretCam operate without Ajax NVR?

A: Yes, TurretCam can save the archive on the SD card if installed, allowing it to function independently.

## TurretCam

Wired security IP camera



## 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 (5 Mp/4 mm)

Wired security IP camera with up to 2,880 x 1,620 px resolution and 75°–85° viewing angle

### TurretCam (8 Mp/2.8 mm)

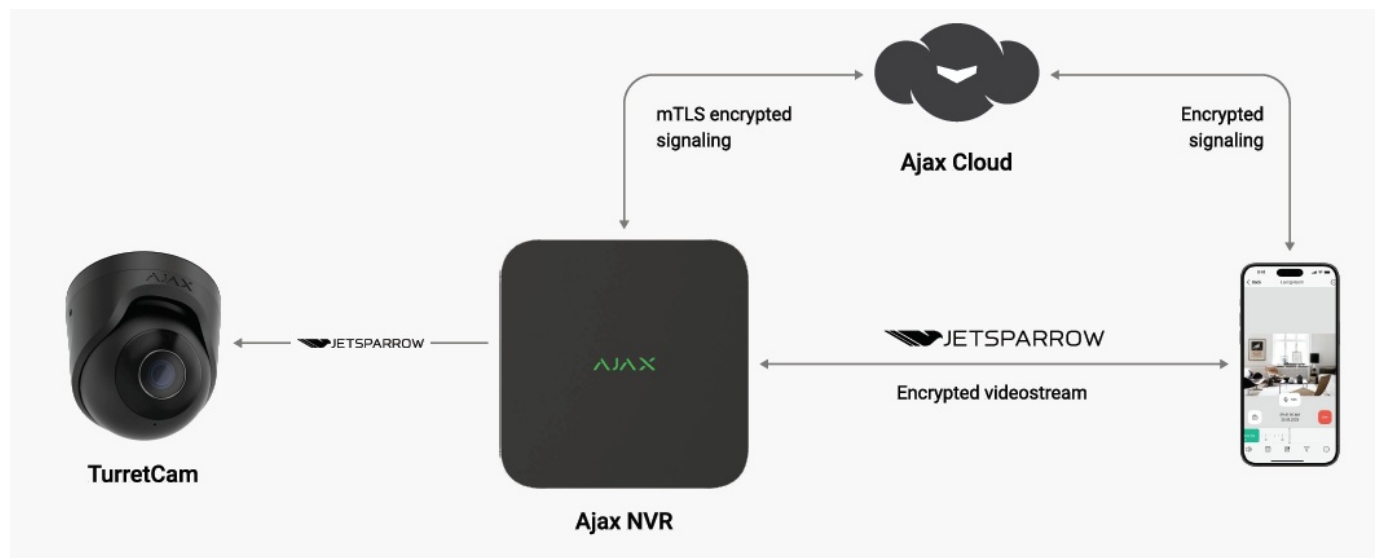
Wired security IP camera with up to 3,840 x 2,160 px resolution and 100°–110° viewing angle

### TurretCam (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'
- High-resolution visual verification for alarms with video scenarios
- Easy transition from notifications feed to on-site video recordings'
- 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	Compatibility	Power supply
<b>Resolution</b> <ul style="list-style-type: none"> <li>5 MP Model: Up to 2,880 x 1,620 px@ 25 fps (3K U HD)</li> <li>8 MP Model: Up to 3,840 x 2,160 px@ 20 fps (4K U HD)</li> </ul>	<b>Hubs</b> All Ajax hubs (up to 200 cameras in one Ajax system)	Power supply unit 12 V ± 20% =, 1 A Up to 7.5 W of mains power consumption
<b>Lens</b> <ul style="list-style-type: none"> <li>2.8 mm: 100°-110° Viewing Angle</li> <li>4 mm: 75°-85° Viewing Angle</li> </ul>	<b>Video recorders</b> NVR	Ethernet port PoE Standard 802.3at
<b>Day/Night Switch</b> Automatic	<b>Enclosure</b>	<b>Compliance</b>
<b>Image processing</b> True WDR (hardware and software)	<b>Dimensions</b> 103 x 98 x 98 mm	CE RoHS NOAA
<b>Video Compression</b> H.265, H.264	Weight 475 g	
<b>Bitrate</b> 100 Mbps full-duplex <b>Simultaneous Live View</b> Up to 5 Channels <b>User Access</b> Up to 200 Users	Colors Black White Operating temperature range from -25 °C to +40 °C from -13 °F to 104 °F	<b>Complete set</b> TurretCam Installation template Installation kit Quick start guide
<b>Alarm Trigger</b> Motion Detection, AI-recognition, Detector alarm, Automation scenarios	<b>Operating humidity</b> up to 90%	

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/](https://ajax.systems/support/devices/turretcam/)



[support@ajax.systems](mailto:support@ajax.systems)  
@AjaxSystemsSupport\_Bot ajax.systems

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## Documents / Resources

	<p><a href="#">AJAX TurretCam Wired Security IP Camera</a> [pdf] Instruction Manual TurretCam Wired Security IP Camera, TurretCam, Wired Security IP Camera, Security IP Camera, IP Camera, Camera</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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