

TurretCam

Wired security IP camera



True WDR









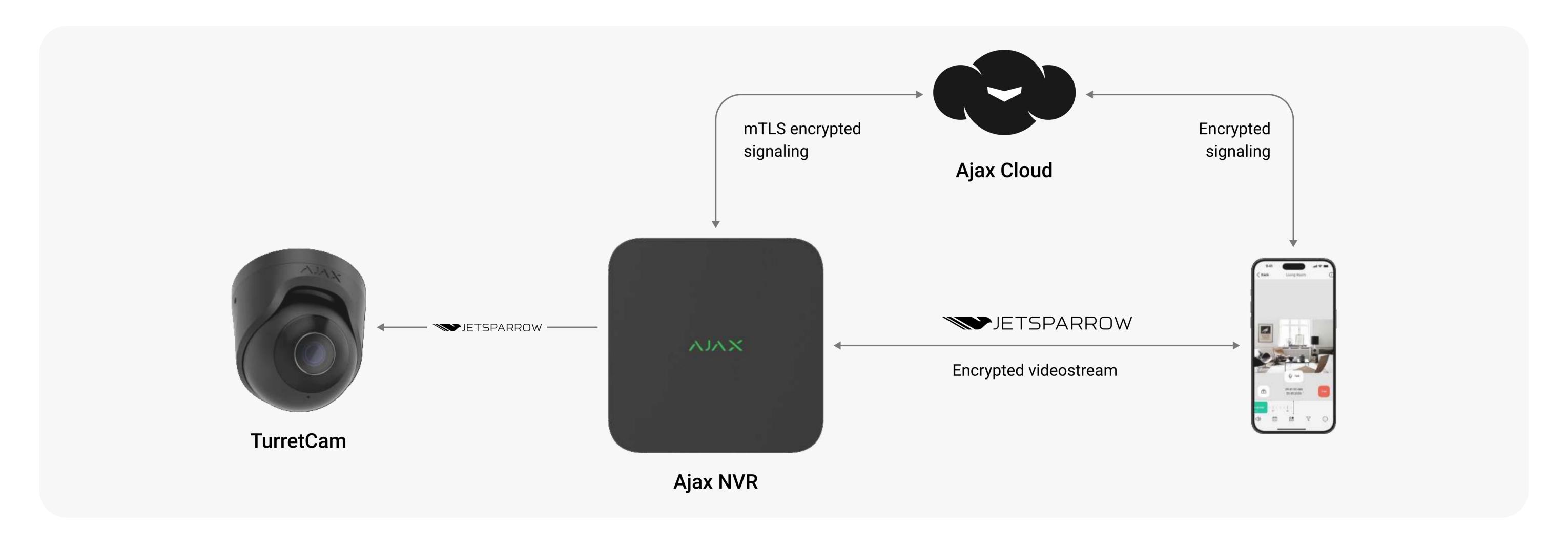




Product versions	
TurretCam (5 Mp/2.8 mm)	TurretCam (8 Mp/2.8 mm)
Wired security IP camera with up to 2,880 x 1,620 px resolution and 100°–110° viewing angle	Wired security IP camera with up to 3,840 x 2,160 px resolution and 100°–110° viewing angle
TurretCam (5 Mp/4 mm)	TurretCam (8 Mp/4 mm)
Wired security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

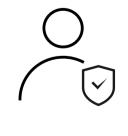
How it works

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 Al-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 Al recognition: humans, vehicles, pets¹
- High-resolution visual verification for alarms with video scenarios¹
- Easy transition from notifications feed to on-site video recordings¹
- Cameras synchronization with security modes
- Real-time oversight with a customizable video wall
- TrueWDR for exceptional image quality

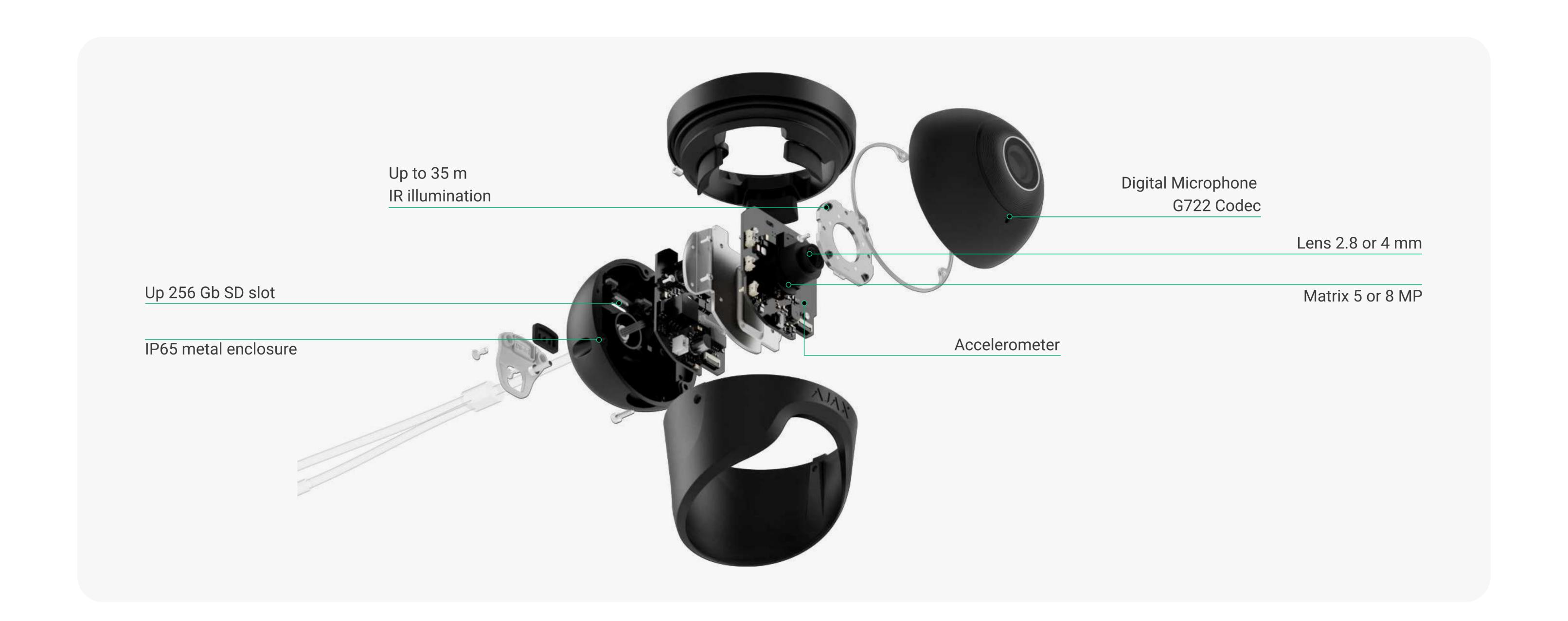
Smooth archive navigation

- 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, Al-recognition, Detector alarm, Automation scenarios

Compatibility

Hubs All Ajax hubs

(up to 200 cameras in one Ajax system)

Video recorders

NVR

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

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%

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