

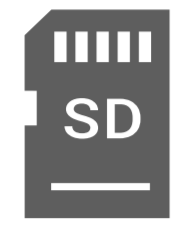


TurretCam

Wired security IP camera



NDA
Compliant



True
WDR

IP65



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)

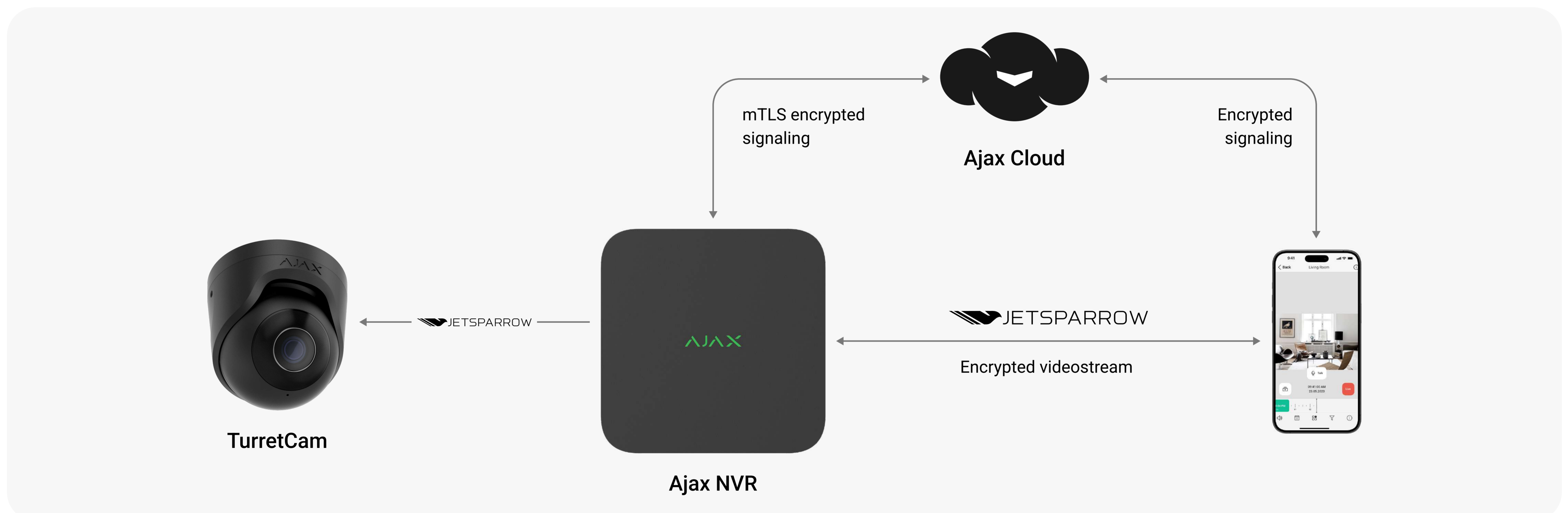
Wired security IP camera with up to 2,880 x 1,620 px resolution and 75°–85° viewing angle

TurretCam (8 Mp/4 mm)

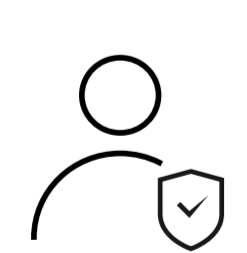
Wired security IP camera with up to 3,840 x 2,160 px resolution and 75°–85° viewing angle

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.

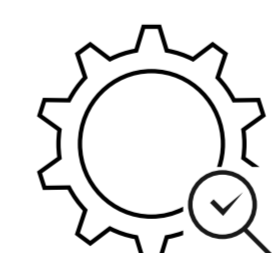


TurretCam can operate without Ajax NVR, saving the archive on the SD card (if installed)



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 NDA

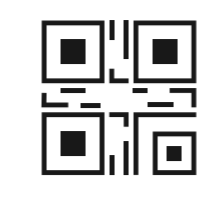


Seamless user experience

- Objects AI 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.

<p>Features</p> <p>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)</p> <p>Lens - 2.8 mm: 100°-110° Viewing Angle - 4 mm: 75°-85° Viewing Angle</p> <p>Day/Night Switch Automatic</p> <p>Image processing True WDR (hardware and software)</p> <p>Video Compression H.265, H.264</p> <p>Bitrate 100 Mbps full-duplex</p> <p>Simultaneous Live View Up to 5 Channels</p> <p>User Access Up to 200 Users</p> <p>Alarm Trigger Motion Detection, AI-recognition, Detector alarm, Automation scenarios</p>	<p>Compatibility</p> <p>Hubs All Ajax hubs (up to 200 cameras in one Ajax system)</p> <p>Video recorders NVR</p>	<p>Power supply</p> <p>Power supply unit 12 V ± 20% ¹, 1 A Up to 7.5 W of mains power consumption</p> <p>Ethernet port PoE Standard 802.3at</p>
	<p>Enclosure</p> <p>Dimensions 103 × 98 × 98 mm</p> <p>Weight 475 g</p> <p>Colors Black White</p> <p>Operating temperature range from -25 °C to +40 °C from -13 °F to 104 °F</p> <p>Operating humidity up to 90%</p>	<p>Compliance</p> <p>CE RoHS NDAA</p> <p>Complete set</p> <p>TurretCam Installation template Installation kit Quick start guide</p>

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



NVR

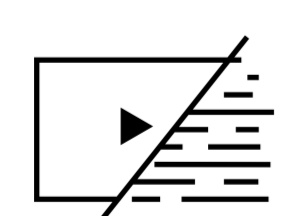
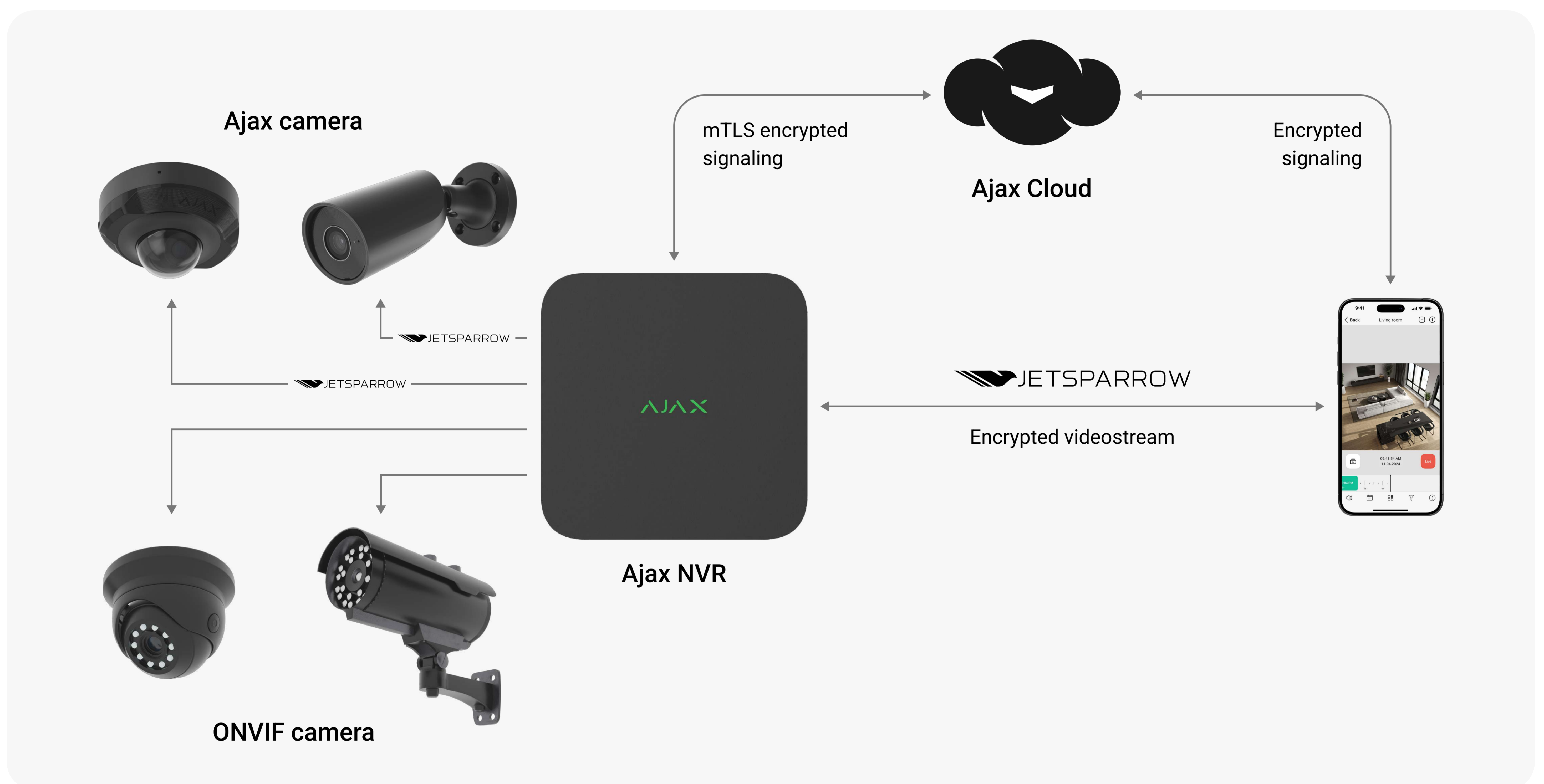
Network video recorder

Product versions	
NVR (8-ch) up to 8 channels in 4K	NVR (16-ch) up to 16 channels in 4K



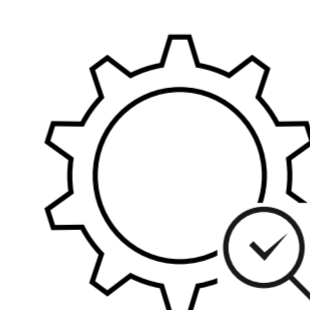
How it works

NVR enables third-party IP cameras to operate within Ajax video management software (VMS), making them a valuable addition to an Ajax system. NVR operates seamlessly by utilizing Ajax Cloud for transmitting system events, while its proprietary JetSparrow technology ensures fast peer-to-peer transmission of video data.



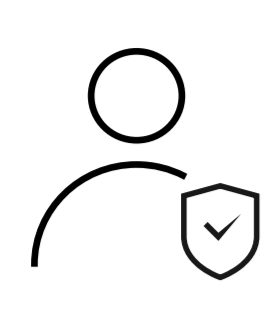
Smooth archive navigation

- 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



Seamless user experience

- 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



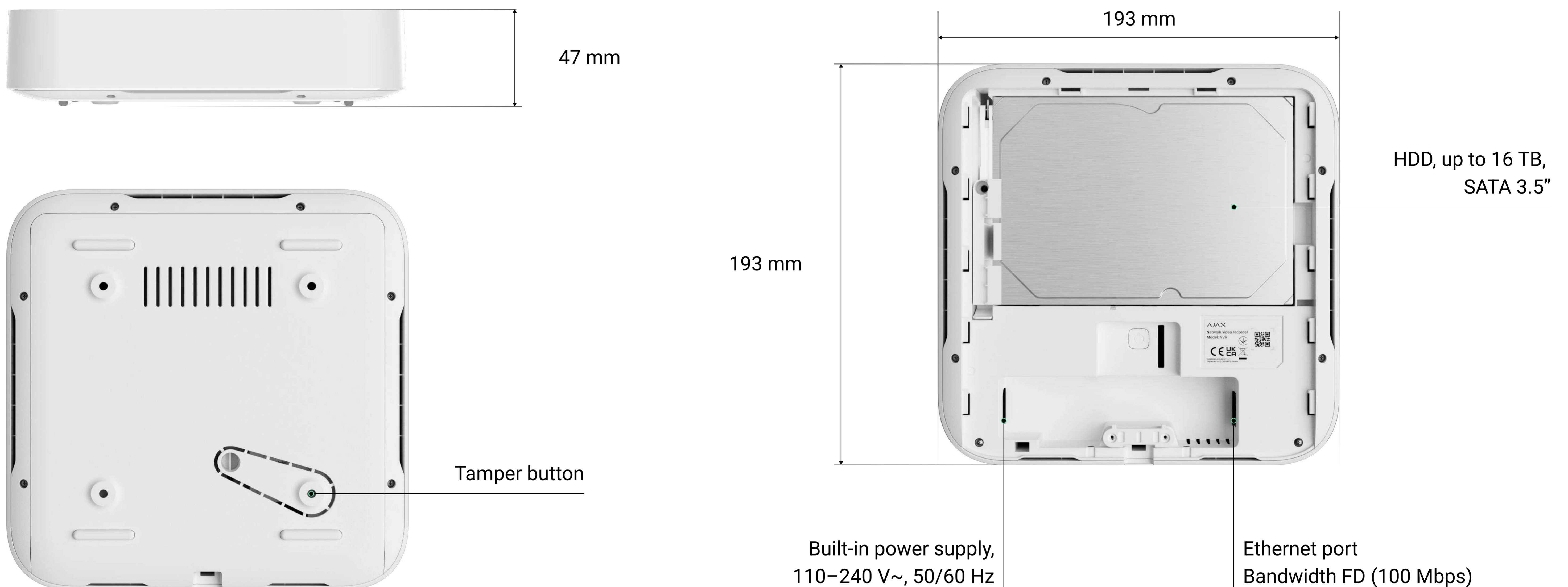
Uncompromising security and privacy

- Video stream with TLS encryption
- Real-time privacy control via the apps
- mTLS handshake between Ajax Cloud and NVR
- Account security with passcodes, biometrics, and two-factor authentication
- Session control for added protection
- Owner-only access to media data recorded on the hard drive¹
- Tamper notification of dismantling
- NDAA compliance



Easy installation and maintenance

- SmartBracket for fast and secure installation
- Connection via QR code
- Configuration via Ajax apps
- Auto-search for available cameras on the local network
- Adjustable motion detection zones available in the apps
- Real-time NVR health monitoring, including HDD statuses



Compatibility Hubs All Ajax hubs (up to 14 NVRs in one Ajax system)	Video stream Resolution up to 4K (25/30 fps) Decoding formats H.265/H.264	Complete set NVR SmartBracket mounting panel Ethernet cable Installation kit Quick Start Guide	Operating temperature range from 0°C to +40°C
Operating humidity up to 75%	Protection class IP20	Color white, black	Weight 700 g

¹ Hard drives with a power consumption of no more than 7 W are used.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/nvr/

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport_Bot
- 🌐 ajax.systems

AI PoE Switch

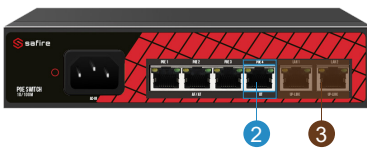
SF-SW0604HIPOE-60

- Total 65W Power Supply
- 4 ports PoE
- 2 ports Uplink

Product Features

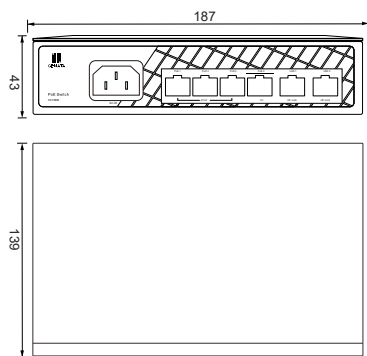
- AI Watchdog Function
- 6KV Lightning & 8KV ESD Protection
- Support bt 60W High Power
- Auto-Adaption 250m Transmission

Ports Description

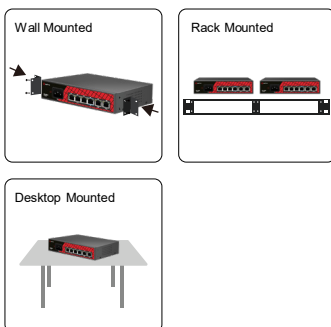


- ① 100Mbps PoE Ports
- ② bt 60W Power Ports
- ③ 100Mbps Uplink Ports

Dimension (mm)



Installation Diagram



Specifications

Model	SF-SW0604HIPOE-60
Ports	PoE (1~3):10/100Mbps PoE ports (RJ45) PoE (4):10/100Mbps PoE port (RJ45),Support bt 60W High Power LAN (1~2):10/100Mbps uplink ports (RJ45)
Transmission Rate	200Mbps Full Duplex; 10 or 100Mbps Half Duplex
Transmission Distance	100Mbps /10Mbps,Auto-Adaption 250m
Performance Specification	Bandwidth:1.2Gbps
	Network Latency (10 to 100Mbps): $\leq 16\mu s$ (use the 64byte package size)
	MAC address table: 2K
	The Frame Filter & Transmission Rate: 14800pps the most for 10M port, 148800pps the most for 100M port
Networking Standard	IEEE 802.3i 10BASE-T
	IEEE 802.3u 100BASE-TX
	IEEE 802.3x Flow Control
	IEEE 802.3af/at/bt Power over Ethernet
Power Support	Power Input: AC 90~240V Total $\leq 65W$ AI Watchdog: Port 1~4 Power Output: PoE1~3 Port:1/2(+52V),3/6(GND) $\leq 30W$ PoE 4 Port:1245(+53V),3678(GND) Compatible1/2(+52V),3/6(GND) $\leq 60W$
Protection Level	Lightning Protection:6KV, Per: IEC61000-4-5 ESD Protection:8KV, Per: IEC61000-4-2
Physical Specifications	Size(L*W*H): 187mm*139mm*43mm, Weight: 1.0KG
Working Environment	Operating Temperature: -30℃~60℃
	Storage Temperature: -40℃~70℃
	Operating Humidity: 10%~90% Non-condensing
	Storage Humidity: 5%~90% Non-condensing
Certification	CE Mark
	FCC Part15,Class B
	RoHS 2.0
Warranty	Whole Device: 1 year
Package Content	AC Power Cable,User Manual