

# NVR

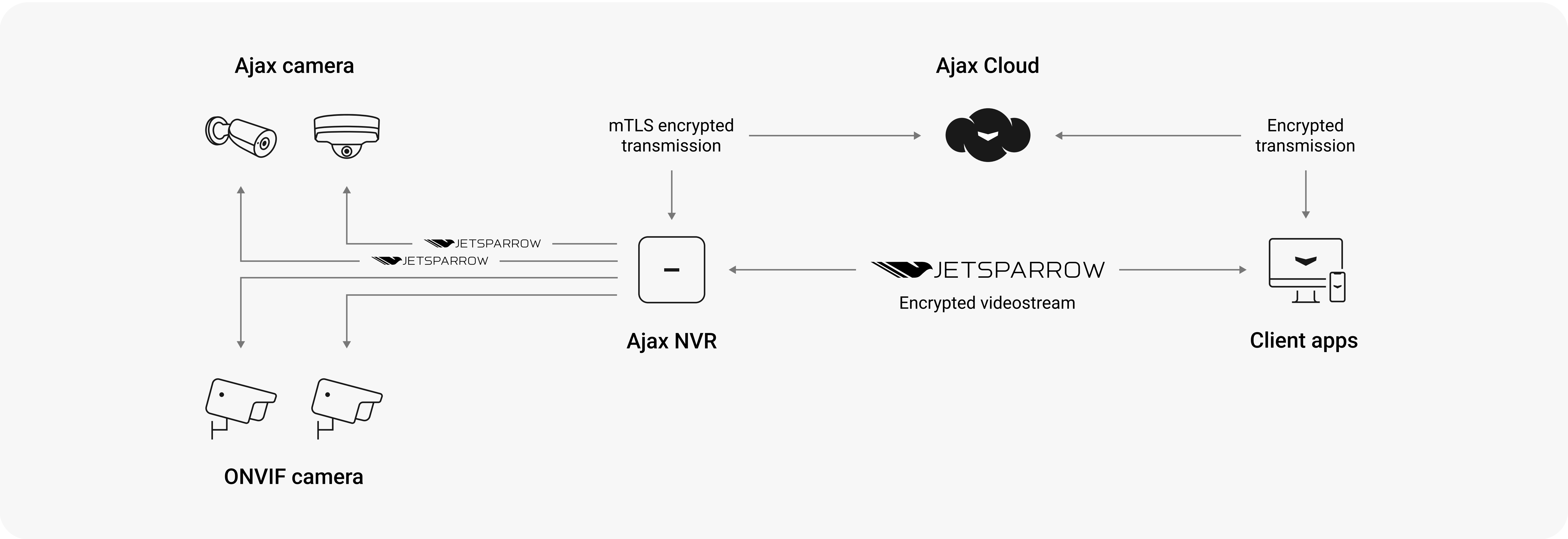
## Network video recorder

Product versions	
<b>NVR (8-ch)</b> Network video recorder for 8 channels	<b>NVR (16-ch)</b> Network video recorder for 16 channels
<b>NVR DC (8-ch)</b> Network video recorder for 8 channels, powered by a low-voltage power supply	<b>NVR DC (16-ch)</b> Network video recorder for 16 channels, powered by a low-voltage power supply



## 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

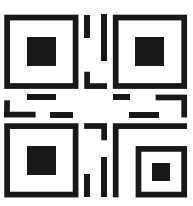
### Seamless user experience

- 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

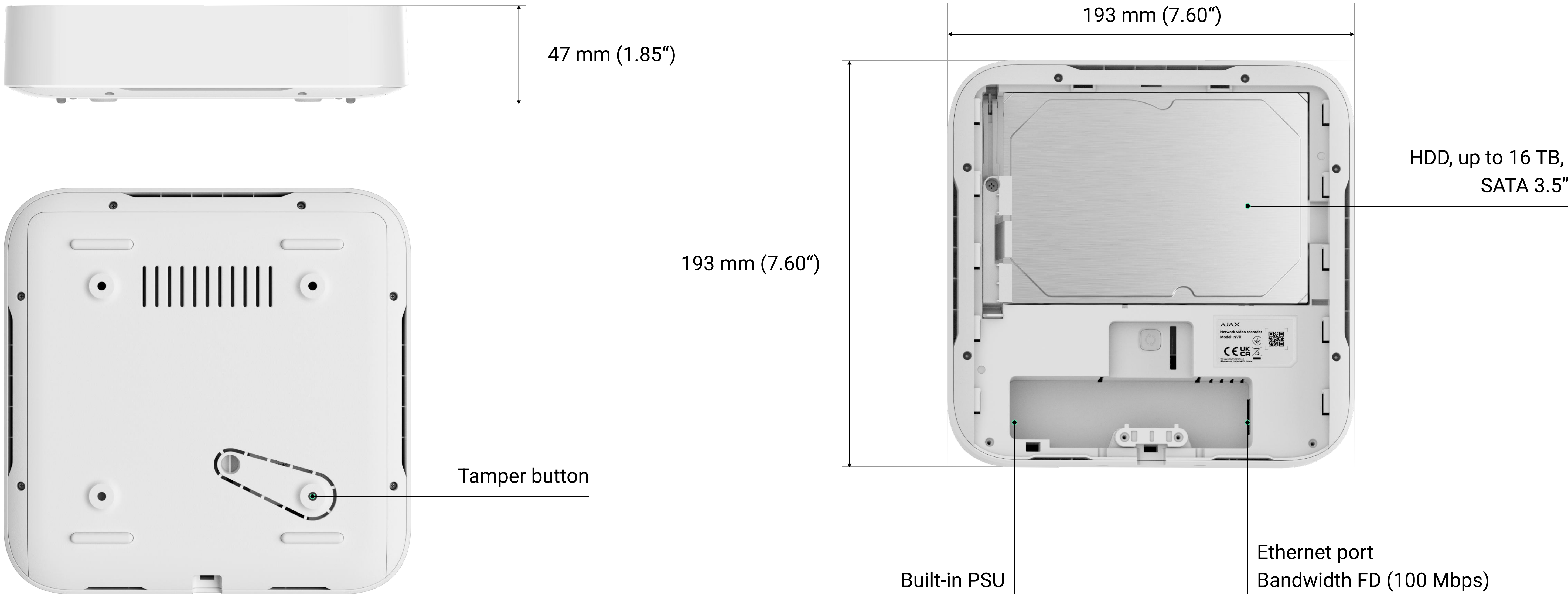
- Video stream with TLS encryption
- mTLS handshake between Ajax Cloud and NVR
- Real-time privacy control via the apps
- Account security with passcodes, biometrics, and two-factor authentication
- Session control for added protection
- Owner-only access to media data recorded on the hard drive<sup>1</sup>
- 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



<b>Compatibility</b>  Hubs All Ajax hubs (up to 14 NVRs in one Ajax system)	<b>Video stream</b>  Resolution up to 4K (25/30 fps)  Decoding formats H.265/H.264  Bandwidth FD (100 Mbps)	<b>Power supply</b>  For NVR (8-ch) and NVR (16-ch) <ul style="list-style-type: none"><li>• Built-in PSU 110–240 V~, 50/60Hz, 0.6 A</li><li>• Up to 24 W of power consumption</li><li>• CR2032 3 V system clock battery</li></ul> For NVR DC (8-ch) and NVR DC (16-ch) <ul style="list-style-type: none"><li>• Built-in PSU<sup>2</sup> 9–16 V=</li><li>• Up to 24 W of power consumption</li><li>• CR2032 3 V system clock battery</li></ul>	
<b>Operating conditions</b>  Temperature range from 0 °C to +40 °C from 14 °F to 104 °F  Humidity up to 75%	<b>Weight</b>  NVR (8-ch) and NVR (16-ch) 614.5 g 21.67 oz  NVR DC (8-ch) and NVR DC (16-ch) 583 g 20.56 oz	<b>Complete set</b>  NVR (8-ch) and NVR (16-ch) <ul style="list-style-type: none"><li>• NVR</li><li>• SmartBracket mounting panel</li><li>• Power cable</li><li>• Ethernet cable</li><li>• Installation kit</li><li>• Quick start guide</li></ul> NVR DC (8-ch) and NVR DC (16-ch) <ul style="list-style-type: none"><li>• NVR</li><li>• SmartBracket mounting panel</li><li>• Ethernet cable</li><li>• Installation kit</li><li>• Quick start guide</li></ul>	
<b>Protection class</b>  IP20	<b>Color</b>  white, black		

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

<sup>2</sup> The devices' maximum current consumption is 4A. Ensure that your power supply meets this requirement.

