

## Ajax Superior NVR H2DAI2GAC (32-ch)

32-channel AI-powered network video recorder with 4K HDMI output, two Gigabit Ethernet interfaces, and support for two hot-swappable HDDs

<b>Video</b>	<b>Video input</b> 32 channels  <b>Recording resolution</b> 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF  <b>HDMI output resolution</b> 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 px  <b>Live view / playback resolution</b> 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, D1, VGA, CIF
<b>Decoding</b>	<b>Format</b> H.265, H.264, JetSparrow  <b>Live view window division</b> 1, 4, 9, 16, 25, 36, 5+1, 7+1, 12+1 views  <b>Synchronous playback</b> 4 channels
<b>Intelligent video analytics</b>	<b>Motion detection</b> Ajax camera: 32 channels Ajax NVR: 32 channels Ajax NVR features built-in software to detect movement in the frame. It is possible to switch between image analysis by Ajax NVR or camera algorithms in an Ajax app.  <b>AI-powered object detection</b> People Pets Vehicles

	Line crossing
<b>Interface</b>	<p><b>HDD</b> 2 × SATA III: supports hard drives with up to 24 TB capacity (2.5" and 3.5" form factors) Supports full hot-swap functionality. HDDs are not included.</p> <p><b>Network</b> 2 × RJ-45 (WAN and LAN) self-adaptive Ethernet (10/100/1000 Mbps)</p> <p><b>USB</b> rear panel: 2 × USB 2.0 (Type-A) For connecting a keyboard, mouse, or USB Audio Device Class devices (Audio IN/Audio OUT). front panel: 1 × USB 3.0 (Type-A) To connect a USB flash drive.</p>
<b>Network</b>	<p><b>Bandwidth</b> incoming: up to 384 Mbps outgoing: up to 384 Mbps</p> <p><b>Protocol</b> HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS</p> <p><b>Interoperability</b> ONVIF</p>
<b>Key features</b>	<p><b>Supported devices</b></p> <ul style="list-style-type: none"> <li>• Ajax cameras</li> <li>• IP cameras via ONVIF (Profile S/T) or RTSP</li> </ul> <p><b>Redundancy mode</b> Simultaneous recording of the same video streams to two storage devices to ensure data redundancy and reliability.</p> <p><b>Split mode</b> Sequentially distributes video streams across multiple storage devices to balance the load and optimize storage.</p> <p><b>Built-in video management system</b></p> <ul style="list-style-type: none"> <li>• Integrated video wall interface with live camera feeds.</li> <li>• Smart event filters for quick access to relevant video recordings.</li> </ul>

	<ul style="list-style-type: none"> <li>Interactive timeline with preview navigation for efficient playback and incident review.</li> </ul> <p><b>Visual verification of Ajax system alarms</b>          Ajax NVR supports a scenario in which events triggered by Ajax detectors automatically highlight the corresponding camera feed on the video wall. This allows an operator to immediately verify the intrusion.</p> <p><b>Privacy</b>          Advanced privacy controls ensure a high level of personal data protection. All access rights – including those for mobile app users, installers, and monitoring company operators via Ajax PRO Desktop – are fully configurable by the device owner. This guarantees that only authorized persons can access video streams, event history, or device settings in accordance with the owner's preferences.</p> <p><b>Accelerometer</b>          alarm when Ajax NVR is moved</p>
<p><b>Power supply</b></p>	<p><b>Main</b>          100–240 V, 50/60 Hz, 1.5 A</p> <p><b>Power consumption</b>          up to 60 W</p> <p><b>Clock battery</b>          CR2032 battery, 3 V          Only to power the system clock.</p>
<p><b>Enclosure</b></p>	<p><b>Dimensions</b>          330 × 330 × 44 mm          12.99" × 12.99" × 1.73"</p> <p><b>Weight</b>          XX kg          XX lb          Without hard drives.</p> <p><b>Operating temperature range</b>          from 0 °C to +50 °C          from 32 °F to 122 °F</p> <p><b>Operating humidity</b></p>

	up to 75% <b>Protection class</b> IP20
<b>Color</b>	<b>Black</b> <b>White</b>
<b>Complete set</b>	Ajax Superior NVR H2DAI2GAC (32-ch) 2 × rack-mount brackets Power cable Ethernet cable Installation kit Quick start guide
<b>Warranty</b>	24 months