

# NVR H2DAC (16-ch)

16-channel network video recorder with 4K HDMI output and support for two hot-swappable HDDs

<b>Video</b>	<p><b>Video input</b> 16 channels</p> <p><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</p> <p><b>HDMI output resolution</b> 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 px</p> <p><b>Live view / playback resolution</b> 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 1080p, 720p, D1, VGA, CIF</p>
<b>Decoding</b>	<p><b>Format</b> H.265, H.264, JetSparrow</p> <p><b>Live view window division</b> templates: 1, 4, 9, 16, 25, 5+1, 7+1, 12+1 views custom: up to 10×10 views</p> <p><b>Synchronous playback</b> 4 channels</p>
<b>Intelligent video analytics</b>	<p><b>Motion detection</b> Ajax camera: 16 channels NVR: 16 channels NVR features built-in software to detect movement in the frame. It is possible to switch between image analysis by NVR or camera algorithms in an Ajax app.</p> <p><b>AI-powered object detection</b> Ajax camera: 16 channels</p>
<b>Interface</b>	<p><b>HDD</b> 2 × SATA III: supports hard drives with up to 16 TB capacity (2.5" and 3.5" form factors) Supports full hot-swap functionality. HDDs are not included.</p> <p><b>Network</b> 1 × RJ45 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 2.0 (Type-A) To connect a USB flash drive.</p>

<p><b>Network</b></p>	<p><b>Bandwidth</b> incoming: up to 160 Mbps outgoing: up to 160 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>
<p><b>Key features</b></p>	<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> <li>• Interactive timeline with preview navigation for efficient playback and incident review.</li> </ul> <p><b>Visual verification of Ajax system alarms</b> 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 parties can access video streams, event history, or device settings in accordance with the owner's preferences.</p> <p><b>Accelerometer</b> alarm when NVR is moved</p>
<p><b>Recommendations</b></p>	<p>The device's operating voltage is 100–240 V~.</p>
<p><b>Power supply</b></p>	<p><b>Main</b> 100–240 V, 50/60 Hz, 0.6 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>

Enclosure	<p><b>Dimensions</b>  330 × 330 × 44 mm  12.99" × 12.99" × 1.73"</p> <p><b>Weight</b>  TBC kg  TBC 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>  up to 75%</p> <p><b>Protection class</b>  IP20</p>
Color	<p><b>Black</b>  <b>White</b></p>
Complete set	<p>NVR H2DAC (16-ch)  2 × rack-mount brackets  Power cable  Ethernet cable  Installation kit  Quick start guide</p>
Warranty	<p><b>Warranty</b></p>