

NVR H series

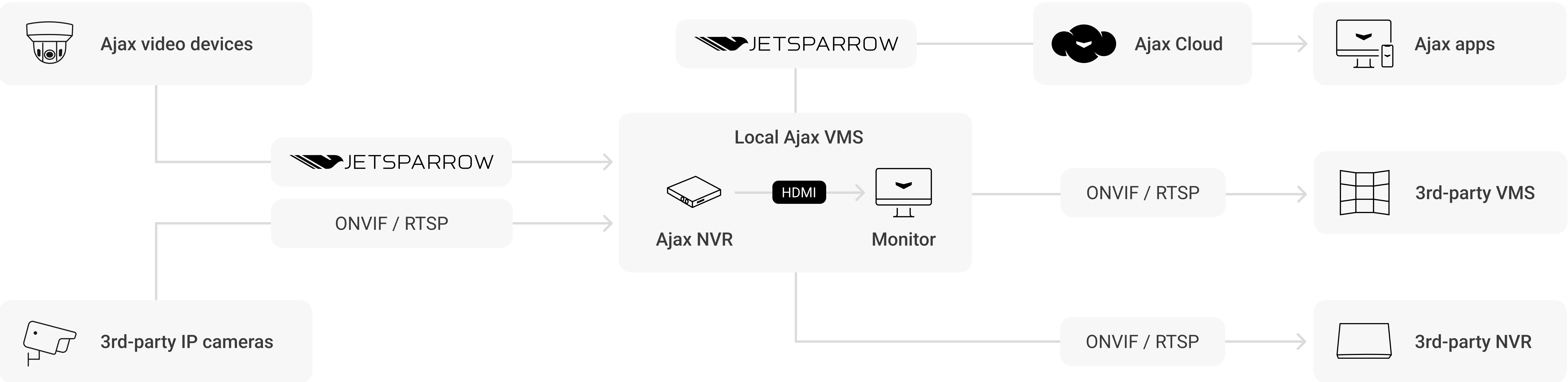
Network video recorders with HDMI output



Product versions

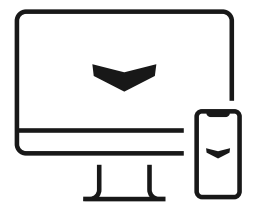
NVR HAC (8-ch)	NVR HAC (16-ch)
up to 8 channels	up to 16 channels
NVR HDC (8-ch)	NVR HDC (16-ch)
up to 8 channels	up to 16 channels
powered by a low-voltage power supply	powered by a low-voltage power supply

Ajax network video recorders integrate Ajax video devices and third-party IP cameras into a single ecosystem. In addition to in-app control, NVR H series devices feature an HDMI output that enables users to view live and archived footage directly on a connected display. This makes the series an ideal solution for small to medium-sized businesses, private residences, offices, and other sites requiring a local video management system.



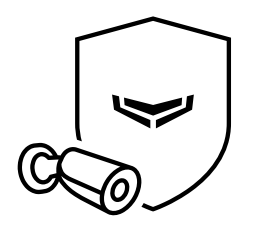
Local video management experience

- On-site video surveillance without an internet connection¹
 - Local video management and archive access
 - Customizable virtual video wall and slideshow mode
- HDMI port for connecting a display
 - Two USB ports for a keyboard, mouse, or flash drive



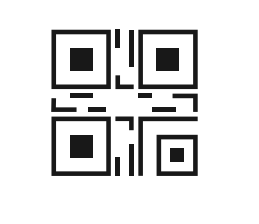
Remote video management via Ajax apps

- Proprietary JetSparrow technology for instant, encrypted video streaming and smooth archive navigation
- Archive synchronization with security system events
- High-resolution visual verification of alarms via video scenarios
- Instant transition from notifications to on-site video recordings
- Fast archive navigation using event timeline, calendar view, and search filters



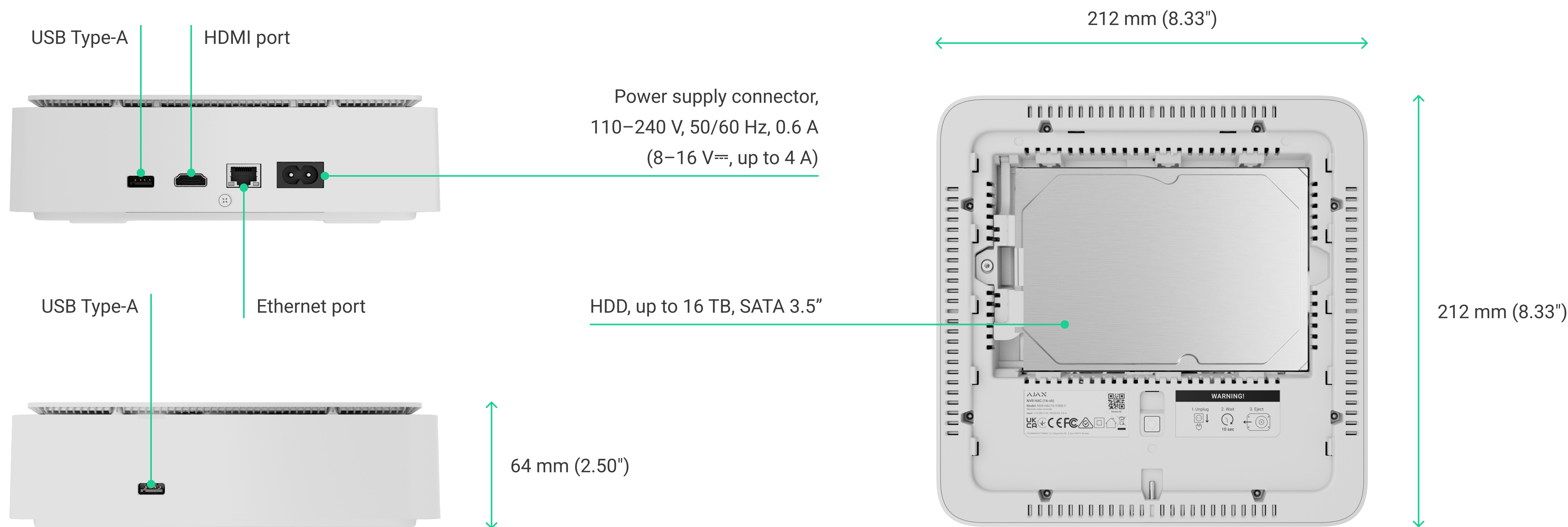
Robust security without privacy compromises

- TLS-encrypted video streams
- User-controlled access to video content
- Passwordless camera authentication
- Secure video export with digital signature verification
- Multi-tiered account protection: passcodes, biometrics, and two-factor authentication
- Session control for additional account safety
- Exclusive owner access to content stored on the hard drive
- NDAA compliance



Easy installation and maintenance

- SmartBracket for fast and secure installation
- Adding to an Ajax system via QR code
- Remote control and configuration via Ajax apps
- Configurable motion detection zones for connected cameras
- Conformance with ONVIF® Profile S
- RTSP support
- Automatic search for available cameras on the local network
- Real-time NVR health monitoring, including HDD state



HDMI cable and HDD are not included in the complete set.

Video stream IP cameras RTSP Conformant with ONVIF® Profile S NVR H series devices implement ONVIF® H.265 (HEVC) encoding, transmission of motion detection events, control over Wide Dynamic Range (WDR), and other image settings – not ONVIF® profile or add-on conformant. Storage hard drive with up to 16 TB capacity (SATA connectivity, 3.5" size) HDD is not included in the complete set Decoding formats H.265/H.264 Bandwidth incoming: up to 80 Mbps outgoing: up to 40 Mbps	Ports Full HD HDMI Ethernet RJ45 USB 2 × USB Type-A To connect an interface device (e.g., mouse, keyboard, etc.) or a flash drive	Key features JetSparrow Proprietary Ajax protocol for fast and secure video transmission Motion detection Built-in software to detect movement in the frame Built-in video management system Visual verification of system alarms
Installation Operating temperature 0 °C to +40 °C 32 °F to 104 °F Operating humidity up to 75% Protection class IP20	Enclosure Dimensions 212 × 212 × 64 mm 8.33" × 8.33" × 2.50" Weight NVR HAC (8-ch) NVR HAC (16-ch) 782 g 27.6 oz Without a hard drive Colors black, white NVR HDC (8-ch) NVR HDC (16-ch) 752 g 26.5 oz Without a hard drive	Complete set For NVR HAC NVR SmartBracket mounting panel Power cable Ethernet cable Installation kit Quick start guide For NVR HDC NVR SmartBracket mounting panel Terminal adapter Ethernet cable Installation kit Quick start guide
Power supply NVR HAC (8-ch), NVR HAC (16-ch) Main 110–240 V, 50/60 Hz, 0.6 A Power consumption up to 24 W	NVR HDC (8-ch), NVR HDC (16-ch) Without an installed jumper on the PSU board 8–16 V¹, up to 4 A With an installed jumper on the PSU board 12.1–16 V¹, up to 4 A Power consumption up to 24 W	

¹ To ensure continued offline operation, cameras added via an Ajax NVR must connect to the Ajax Cloud server at least once every 30 days.



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

-  support@ajax.systems
-  @AjaxSystemsSupport_Bot
-  ajax.systems