NVR H series

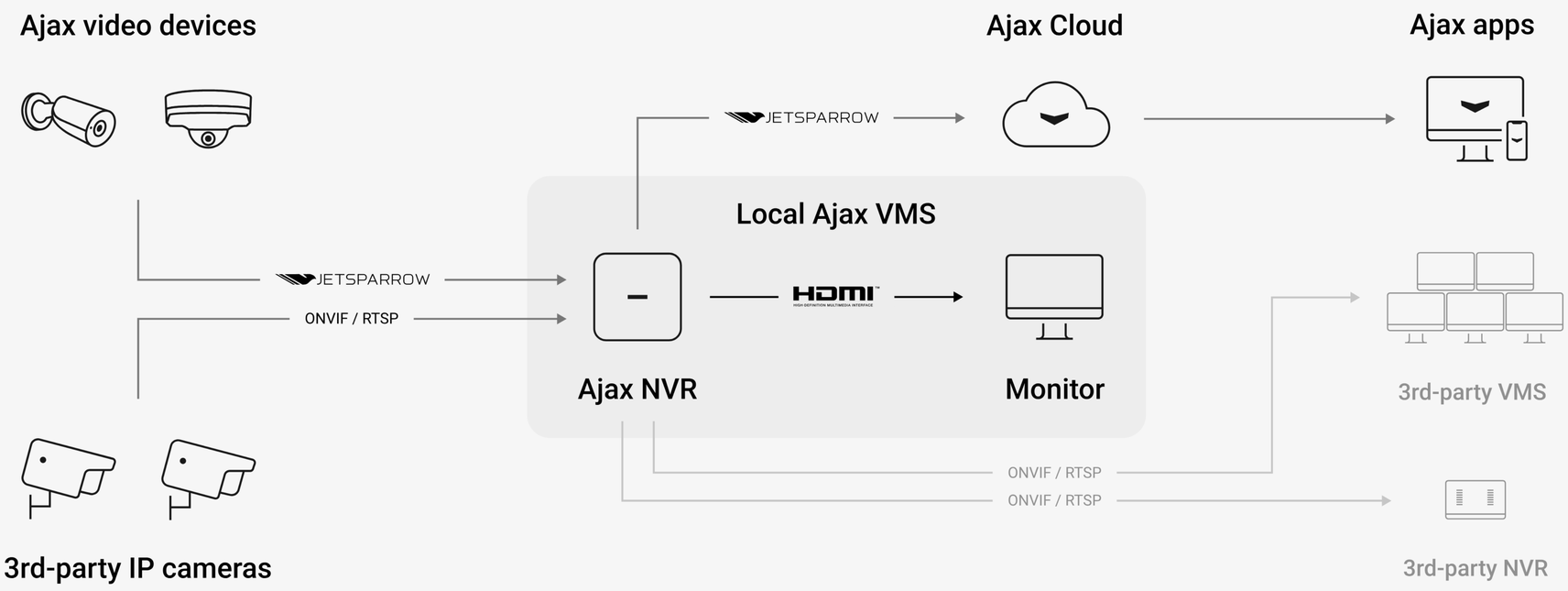
Network video recorders with HDMI output

Product versions
NVR HAC (8-ch) up to 8 channels
NVR HAC (16-ch) up to 16 channels



ONVIF · NDAA Compliant · HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

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 connection
- 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

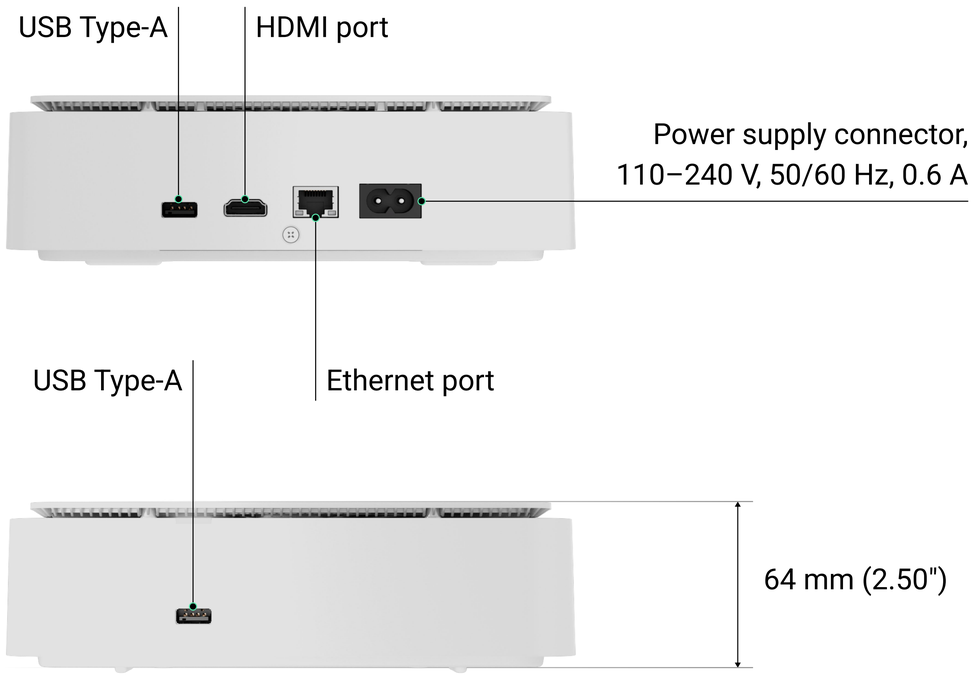
- Proprietary JetSparrow technology for instant, encrypted video streaming and smooth archive navigation
- Archive synchronization with security system events
- High-resolution visual verification of alarms via video scenarios
- Instant transition from notifications to on-site video recordings
- Fast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

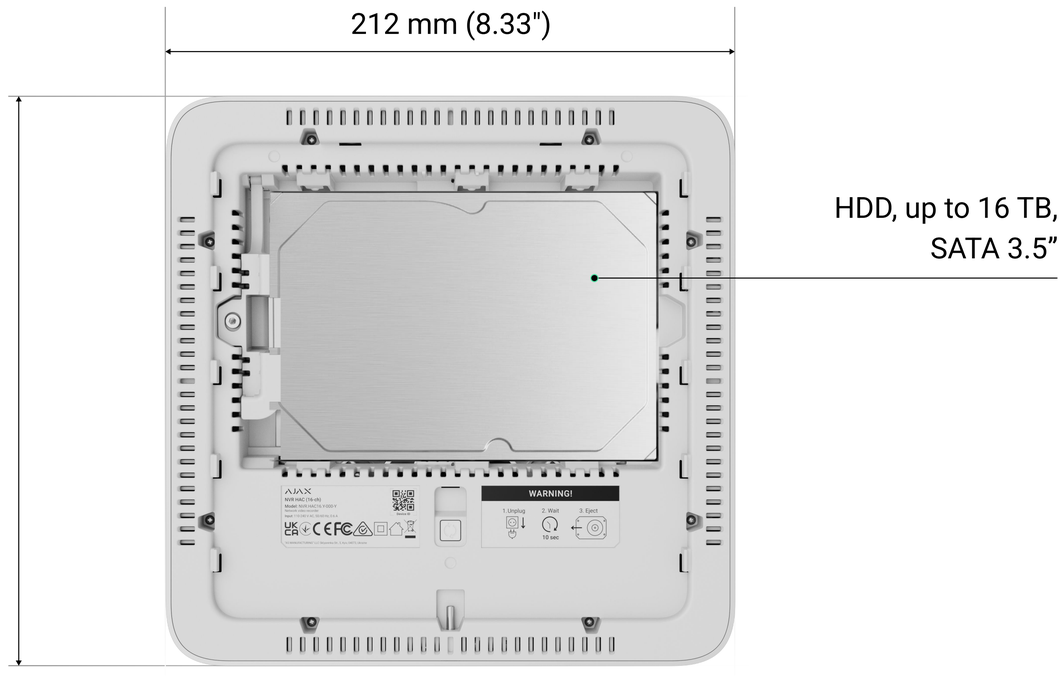
Robust security without privacy compromises

- 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
- Support for ONVIF/RTSP authorization
- 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
ONVIF[1]
RTSP

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 USB 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 Ajax system alarms

Power supply

Main
110–240 V, 50/60 Hz, 0.6 A

Power consumption
up to 24 W

Installation

Operating temperature range
from 0 °C to +40 °C
from 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
782 g
27.6 oz
Without a hard drive

Colors
black, white

Complete set

NVR
SmartBracket mounting panel
Power cable
Ethernet cable
Installation kit
Quick start guide

[1] NVR H series devices supports ONVIF Profile S, as well as some features of Profile T and M.

For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/nvr-h/

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