



Products ▾

Assemble kit



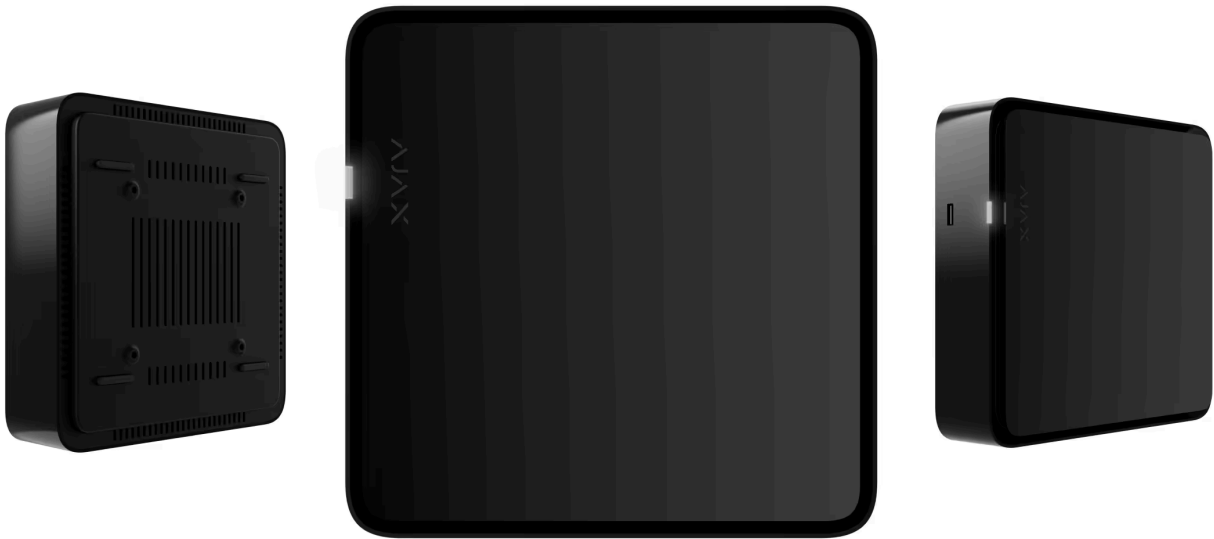
NVR H series

More ▾

Tech specs

NVR HAC (16-ch)

16-channel network video recorder with HDMI output



Video

Video input

16 channels

Recording resolution

12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF, QCIF

HDMI output resolution

1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720 px

Live view / playback resolution

8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 720p, D1, VGA, CIF

Decoding

Format

H.265, H.264, JetSparrow

Capability

- 1 × channel at 12MP
- 1 × channel at 8MP
- 3 × channel at 5MP
- 4 × channel at 4MP
- 4 × channel at 1080p
- 10 × channel at 720p
- 16 × channel at 1024 × 576 px

The width or height of the camera video resolution (each channel) cannot exceed 4096 pixels.

Live view window division

templates: 1, 4, 9, 16, 5+1, 7+1 views

custom: up to 10×10 views

Synchronous playback

16 channels

Intelligent video analytics

Motion detection

Ajax camera: 16 channels

NVR: 16 channels

NVR HAC features built-in software to detect movement in the frame. It is possible to switch between image analysis by NVR HAC or camera algorithms in an Ajax app.

AI object detection

Ajax camera: 16 channels

Interface

HDD

1 × SATA: supports hard drive with up to 16 TB capacity (3.5" form factor)

HDD is not included.

Learn more 

Network

1 × RJ-45 self-adaptive Ethernet (10/100 Mbps)

USB

rear panel: 1 × USB 2.0 (Type-A)

side panel: 1 × USB 2.0 (Type-A)

To connect a keyboard, mouse, or a USB flash drive.

Network

Bandwidth

incoming: up to 80 Mbps

outgoing: up to 40 Mbps

Protocol

HTTP, HTTPS, TCP/IP, IPv4, IPv6, SNMP, RTSP, UDP, DHCP, DNS, DDNS

Interoperability

ONVIF

Key features

Supported devices

- Ajax cameras
- IP cameras using ONVIF (Profile S/T) or RTSP

Built-in video management system

- Integrated video wall interface with live camera feeds.
- Smart event filters for quick access to relevant footage.
- Interactive timeline with preview navigation for efficient playback and incident review.

Visual verification of Ajax system alarms

NVR HAC supports a scenario in which events triggered by Ajax detectors automatically highlight the corresponding camera feed on the video wall. This allows for immediate intrusion verification by the operator.

Privacy

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.

Recommendations

The device operating voltage is 110–240 V~.

The device is designed for indoor installation only.

Power supply

Main

110–240 V, 50/60 Hz, 0.6 A

Power consumption

up to 24 W

Clock battery

CR2032 battery, 3 V

Only to power the system clock.

Enclosure

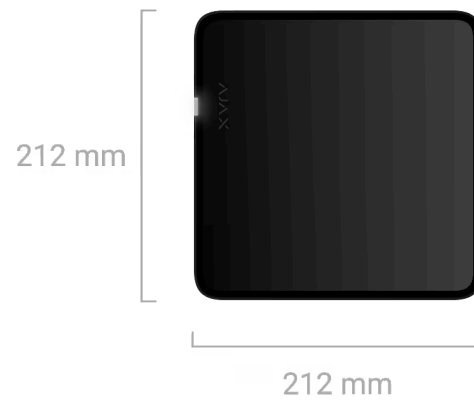
Dimensions

212 × 212 × 64 mm

Weight

782 g

Without a hard drive.



Operating temperature range

from 0 °C to +40 °C

Operating humidity

up to 75%



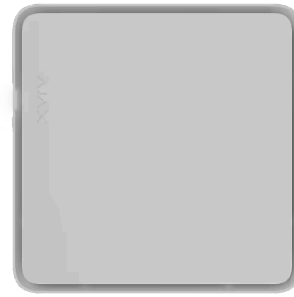
Protection class

IP20

Color

Black

White



Complete set

NVR HAC (16-ch)

SmartBracket mounting panel

Power cable

Ethernet cable

Installation kit

Quick start guide

Certification and compliance with standards



NVR HAC (16-ch)



Additional information

Compliance with standards

Learn more >

User manual

Learn more >

Warranty

24 months

Learn more >

Subscribe

Subscribe to our emails about secure life. No spam.

Subscribe

Request extra help

✉ support@ajax.systems

📍 @AjaxSystemsSupport_Bot

💬 Send a request

★ Trustpilot



Rating 4.7

4,000,000

people worldwide under Ajax protection

 [Suggest a feature](#)



Products

[Intrusion protection](#)

[Video surveillance](#)

[Fire and life safety](#)

[Comfort and automation](#)

[All products](#)

[Services](#)

[System integrations](#)

[Ajax Ready products](#)

[Fibra wired protocol](#)

[Ajax radio protocols](#)

Solutions

[Customer stories](#)

[Solutions by facility type](#)

[Commercial fire detection and alarm system](#)

[Upgrades and retrofits](#)

[Why Ajax](#)

[How it works](#)

Software

[For users](#)

[Ajax PRO: Tool for Engineers](#)

[Ajax Desktop](#)

[Ajax PRO Desktop](#)

[Ajax Translator PRO](#)

[Ajax Cloud Signaling](#)

[Scenarios](#)



Available on
App Store



Available on
Google Play

Support

[Manuals and articles](#)

[Compliance with standards](#)

Tools

[Ajax device compatibility](#)

[Video storage calculator](#)

[Video device calculator](#)

[Battery life calculator](#)

[Radio communication range calculator](#)

[Switches and outlets configurator](#)

[Fibra power supply calculator](#)

[All web tools](#)

Connecting to CMS

[Intrusion alarm monitoring](#)

[Video monitoring and visual alarm verification](#)

[Audio alarm verification](#)

Company

[Blog](#)
[About us](#)
[Press page](#)
[Events](#)
[Career](#)
[Ajax Next](#)
[Students at CES 2026](#)
[Reviews and feedback](#)

For partners

[For partners](#)
[Ajax Academy](#)
[Partner Portal](#)

 [România](#) [Privacy policy](#) [Report a vulnerability](#) [GDPR White Paper](#) [NDAA Statement](#) [Cookie policy](#) [Anti-Spam Policy](#)
[End user agreement](#) [Warranty](#)

© 2025 AJAX SYSTEMS CH. All rights reserved