**Tech specs**

B ASELINE

NVR HAC (16-ch)

16-channel network video recorder with HDMI output
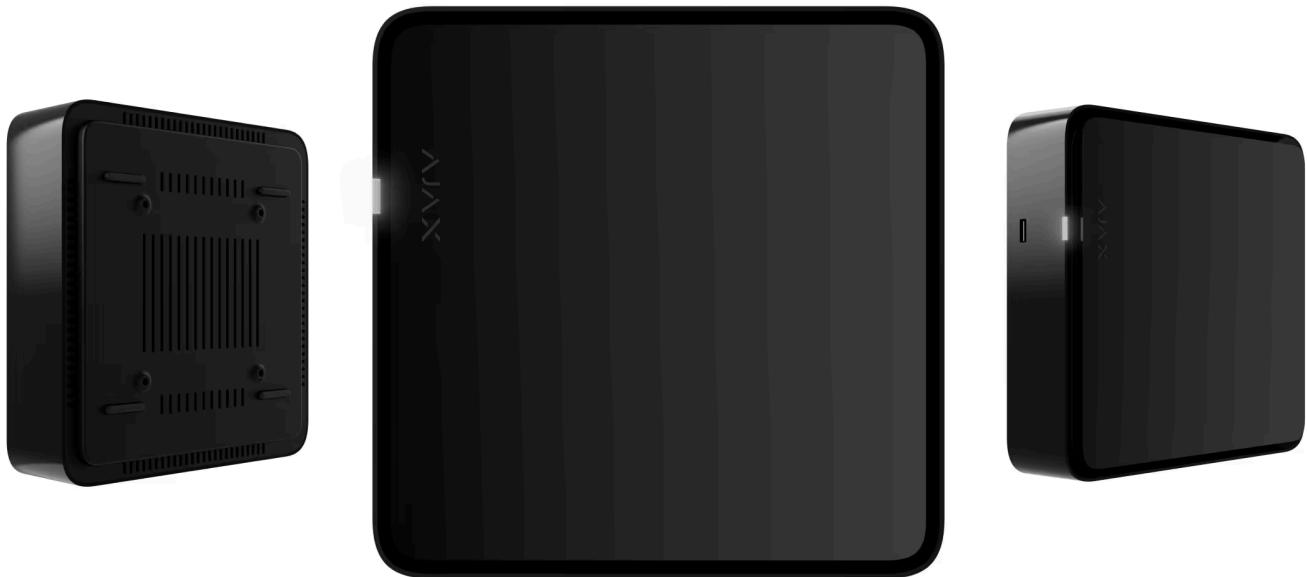
Video

Video input

16 channels

Recording resolution

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 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.
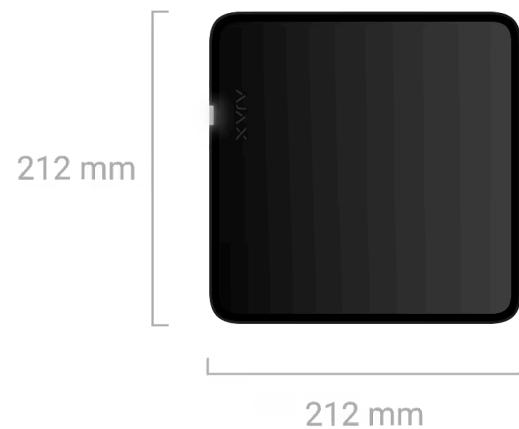
Operating temperature range

from 0 °C to +40 °C

Operating humidity

up to 75%

Protection class

IP20

212 mm

212 mm

64 mm

Color

Black   White
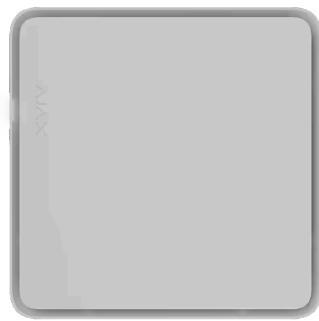
Complete set

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 ›

Warranty

24 months

Learn more ›

User manual

Learn more ›
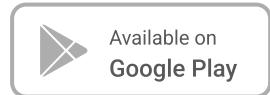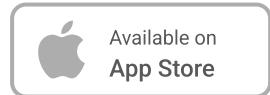
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