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NVR

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Tech specs

BASELINE

NVR DC (16-ch)

Network video recorder for 16 channels powered by a low-voltage power supply



Video stream

NVR models

16-channel

With up to 4K resolution (25/30 FPS).

IP cameras

- ONVIF (Profile S/T)
- RTSP

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Storage

hard drive with a capacity of up to 16 TB (SATA connectivity, 3.5" size)

HDD is not included. A hard drive with power consumption of up to 7 W can be connected.

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Decoding formats

H.265

H.264

Bandwidth

up to 100 Mbit/s

Recommendations

The device's operating voltage is 9–16 V_{DC}.

NVR DC is designed for indoor installation only.

Communication channels

Ethernet

up to 100 Mbit/s

Bluetooth

BLE frequency band: 2.400–2.4835 GHz

To set up an Ethernet connection.

Radio signal power

2.5 mW (with the 100 mW limit)

Key features

Motion detection

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

In-app video management system

- Video wall that combines images from all connected cameras.
- Event filters.
- Timeline with smooth preview.

Visual verification of Ajax alarms

NVR DC allows for setting up a scenario in which Ajax detectors trigger specific cameras to start recording. The result is immediately delivered to mobile and desktop apps.

Support for ONVIF authorization

Profile S

Profile T (partially)

Ajax cameras and NVRs can be integrated into third-party video management systems (VMS).

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Privacy

Access rights distribution for users in mobile apps and for monitoring company operators in PRO Desktop.

Power supply

Without an installed jumper on the PSU board

- 8–16 V_{DC}, up to 4 A
- 8 V_{DC} — turn-on threshold when the voltage rises
- 6.5 V_{DC} — turn-off threshold when the voltage drops

With an installed jumper on the PSU board

- 12.1–16 V_{DC}, up to 4 A
- 12.1 V_{DC} — turn-on threshold when the voltage rises
- 10.35 V_{DC} — turn-off threshold when the voltage drops

Power consumption

up to 24 W

Clock battery

CR2032 battery, 3 V

Only to power the system clock.

Sabotage protection

Tamper alarm

Notifications of an attempt to detach the device from the surface or remove it from the mounting panel.

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Enclosure

Dimensions

193 × 193 × 47 mm

Weight

583 g

Without a hard drive.

Operating temperature range

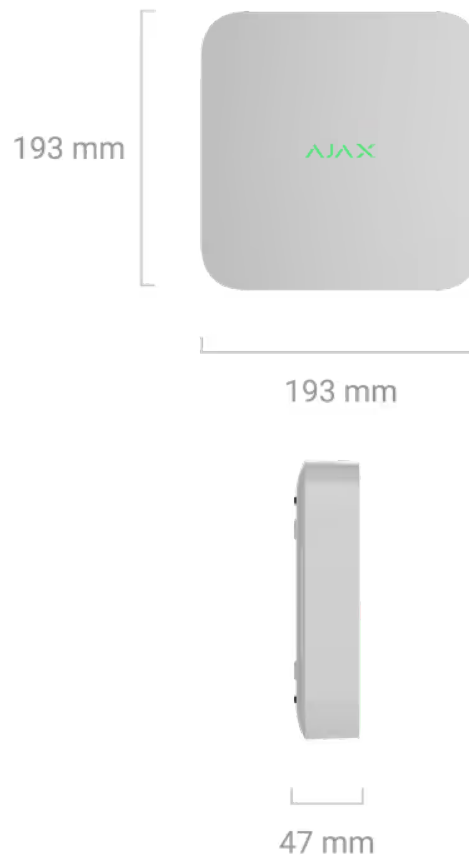
from 0 °C to +40 °C

Operating humidity

up to 75%

Protection class

IP20



Colors

Black



White



Complete set

NVR DC

SmartBracket mounting panel

Terminal adapter

Ethernet cable

Installation kit

Quick start guide

Certification and compliance with standards



NVR DC (16-ch)



Additional information

Compliance with standards

Learn more 

User manual

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Warranty

24 months

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