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Taste of technology

**TEXNIKI SƏNƏD**

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DAHUA

# DHI-NVR4432-EI

Kod: 00-00004662 · Videoregistrator



DAHUA NVR4432-EI 32CH 4HDD SATA 16TB NETWORK VIDEO RECORDER 16MP

## Texniki göstəricilər

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|---|---|
| **NVR** | Növ |
| **32 kanal** | Kanal sayı |
| **12 MP** | Meqapixel |
| **4 HDD** | Max HDD sayı |
| **16 TB** | Max HDD həcmi |

## Ətraflı məlumat

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| **System** | |
| Main Processor | Industrial-grade processor |
| Operating System | Embedded Linux |
| Operating Interface | Web, Local GUI |
| **AI** | |
| AI by Recorder | Face detection, face recognition, perimeter protection, and SMD Plus; |
| AI by Camera | Face detection; face recognition; perimeter protection; SMD Plus; ANPR; people counting; stereo analysis; heat map |
| **Perimeter Protection** | |
| Perimeter Performance AI by Recorder (Number of Channels) | 2 channels, 10 IVS rules for each channel |
| Perimeter Performance of AI by Camera (Number of Channels) | All channels (8 targets/s) |
| **Face Detection** | |
| Face Attributes | Gender; age group; glasses; expressions; face mask; beard |
| Face Detection Performance of AI by Recorder (Number of Channels) | 1 channel (up to 12 face images/s each channel) |
| Face Detection Performance of AI by Camera (Number of Channels) | All channels (8 targets/s) |
| **Face Recognition** | |
| Face Database Capacity | Up to 10 face databases with 20,000 images, with a total capacity of 2.5 G. Name, gender, birthday, address,<br>credential type, credential No., countries & regions and state can be added to each face image. |
| Face Recognition Performance of AI by Recorder (Number of Channels) | 8-channel FD (by camera) + FR (by recorder),image stream: 12 face images/s<br>1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s |
| Face Recognition Performance of AI by Camera (Number of Channels) | All channels (8 targets/s) |

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| **SMD Plus** | |
| SMD Plus by Recorder | 4 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change |
| SMD Plus by Camera | All channels (16 targets/s) |
| **Vehicle License Plate Comparison** | |
| ANPR by Camera (Number of Channels) | All channels (4 targets/s) |
| License Plate Database Capacity | 1. Create up to 20,000 plate numbers.<br>2. Blocklist and allowlist |
| **Audio and Video** | |
| Access Channel | 32 channels |
| Network Bandwidth | AI disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing<br>AI enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing |
| Resolution | 16 MP; 12 MP; 8 MP; 6 MP; 5 MP; 4 MP; 3 MP; 1080p; 960p; 720p; D1; CIF |
| Decoding Capability | AI disabled: 2-channel 16 MP@30 fps; 2-channel 12 MP@30 fps; 4-channel 8 MP@30 fps; 4-channel 6 MP@30 fps;<br>6-channel 5 MP@30 fps; 8-channel 4 MP@30 fps; 16-channel 1080p@30 fps; 32-channel 720p@30 fps<br>AI enabled: 1-channel 16 MP@30 fps; 2-channel 12 MP@30 fps; 3-channel 8 MP@30 fps; 3-channel 6 MP@30 fps;<br>4-channel 5 MP@30 fps; 6-channel 4 MP@30 fps; 12-channel 1080p@30 fps; 16-channel 720p@30 fps; 32-channel D1p@30 fps |
| Video Output | 1 HDMI, 1 VGA<br>HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720<br>VGA: 1920 × 1080, 1280 × 1024, 1280 × 720<br>*Simultaneous/heterogeneous video sources output for VGA and HDMI is configurable. |
| Multi-screen Display | 1st Screen: 1/4/8/9/16/25/36<br>2nd Screen: 1/4/8/9/16 |
| Third-party Camera Access | Panasonic, Sony, Samsung, Axis, Pelco, Arecont, ONVIF, Canon |

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| **Compression Standard** | |
| Video Compression | Smart H.265+; H.265; Smart H.264+; H.264; MJPEG |
| Audio Compression | G.711a; G.711u; PCM; G726 |
| **Network** | |
| Network Protocol | HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; PPPoE; DDNS; FTP; Alarm Server;<br>IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register |
| Mobile Phone Access | iOS; Android |
| Interoperability | ONVIF 22.06(Profile T; Profile S; Profile G); CGI; SDK |
| Browser | Chrome; IE9 and later; Firefox |
| **Recording Playback** | |
| Multi-channel Playback | Up to 16 channels |
| Record Mode | General, motion detection; intelligent; alarm |
| Backup Method | USB device and network |
| Playback Mode | Instant playback, general playback, event playback, tag playback, smart playback |
| **Storage** | |
| Disk Group | Yes |
| **Alarm** | |
| General Alarm | Motion detection; privacy masking; video loss; scene changing; PIR alarm; IPC external alarm |
| Anomaly Alarm | Camera disconnection; storage error; disk full; IP conflict; MAC conflict; login locked; and cybersecurity exception |
| Intelligent Alarm | Face detection; face recognition; perimeter protection; SMD Plus; people counting; stereo analysis; heat map |
| Alarm Linkage | Record; snapshot; IPC external alarm output; audio; buzzer; log; preset; email |
| **Port** | |
| Audio Input | 1-channel RCA |
| Audio Output | 1-channel RCA |

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| Alarm Input | 16 channels |
| Alarm Output | 4 channels |
| Disk Interface | 4 SATA ports, up to 16 TB.The maximum HDD capacity varies with environment temperature. |
| RS-232 | 1 |
| RS-485 | 1 |
| USB | 2 (1 front USB 2.0 port, 1 rear USB 3.0 port) |
| HDMI | 1 |
| VGA | 1 |
| Network Port | 2 (10/100/1000 Mbps Ethernet port, RJ-45) |
| **General** | |
| Power Supply | 100–240 VAC, 50-60Hz |
| Power Consumption | <10 W(without HDD) |
| Net Weight | 4.25 kg (10.63 lb) |
| Gross Weight | 6.35 kg (14.00 lb) |
| Product Dimensions | 440.0 mm × 415.6 mm x 76.0 mm (17.32" × 16.36" × 2.99") (W × D × H) |
| Packaging Dimensions | 529.0 mm × 499.0 mm x 211.0 mm (20.83" × 19.65" × 8.31") (W × D × H) |
| Operating Temperature | –10 °C to +55 °C (14 °F to +131 °F) |
| Storage Temperature | –20 °C to +60 °C (–4 °F to +140 °F) |
| Operating Humidity | 10%–93% (RH), non-condensing |
| Installation | Rack or desktop |
| Certifications | FCC: 47 CFR FCC Part15, SubpartB, Class A<br>CE-EMC: EN 55032:2015+A1:2020; EN IEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A1:<br>2019+A2:2021; EN 55035:2017+A11:2020; EN 50130-4:2011+A1:2014<br>CE-LVD: EN 62368-1:2014 |

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