

DHI-NVR4432-EI

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



Specifications

| | |
|---------------|----------------|
| Model | DHI-NVR4432-EI |
| Brand | Dahua |
| Növ | NVR |
| Kanal say? | 32 kanal |
| Meqapixel | 12 MP |
| Max HDD say? | 4 HDD |
| Max HDD h?cmi | 16 TB |

KEY FEATURES

| | |
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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, 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 | |
| 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) |
| 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. | |
| 2. Blocklist and allowlist | |
| Audio and Video | |
| Access Channel | 32 channels |

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| Network Bandwidth | AI disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing 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; 6-channel 5 MP@30 fps; 8-channel 4 MP@30 fps; 16-channel 1080p@30 fps; 32-channel 720p@30 fps 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; 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 HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 *Simultaneous/heterogeneous video sources output for VGA and HDMI is configurable. |
| Multi-screen Display | 1st Screen: 1/4/8/9/16/25/36 2nd Screen: 1/4/8/9/16 |
| Third-party Camera Access | Panasonic, Sony, Samsung, Axis, Pelco, Arecont, ONVIF, Canon |
| 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; 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 | |