DAHUA

# NVR5416-16P-4KS2E

Kod: 00-00003259 · Videoregistrator



Dahua NVR5416-16P-4KS2E WizSense 16 kanal PoE NVR; 4x10TB HDD; 12×1080p@30 fps; 14 kanal uz tanima; 16 kanal perimetr protection; 4 kanal ANPR; 16 kanal Stereo Analysis; 16 kanal Video Metadata; 16 kanal SMD Plus; Bandwidth 320 Mbps;

## Texniki göstəricilər

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| **NVR**<br>Növ | **16 kanal**<br>Kanal sayı |
| **PoE**<br>PoE dəstəyi | **12 MP**<br>Meqapixel |
| **4 HDD**<br>Max HDD sayı | **10 TB**<br>Max HDD həcmi |

## Ətraflı məlumat

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| **System** | |
| Main Processor | Industrial embedded micro-processor |
| Operating System | Embedded Linux |
| Operation Interface | Web; local GUI |
| **Perimeter Protection by Camera** | |
| Performance | 16 channels |
| AI Search | Search for pictures by channel, time and event type |
| **Face Recognition by Camera** | |
| Performance | 14 channels |
| Face Attributes | 6 attributes: Gender; age; glasses; expression; mouth mask; beard |
| AI Search | Search for pictures by channel, time and face attributes |
| **SMD Plus by Camera** | |
| Performance | 16 channels |
| AI Search | Search by target classification (human, vehicle) |
| **Video Metadata by Camera** | |
| Performance | 16 channels |
| Human Body | Top; top color; bottom; bottom color; hat; bag; gender; age; umbrella |
| Vehicle | Plate No.; type; color; vehicle type; logo; plate color; ornament; calling; seatbelt; region |
| Non-motor Vehicle | Type; color; number of passengers; helmet |
| AI Search | Supports searching for target video by metadata |
| **ANPR by Camera** | |
| Performance | 4 channels |

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| **Stereo Analysis by Camera** | |
| Performance | 16 channels |
| AI Search | Search by target classification (fall detection; people approach detection; people No. exception detection; people staying detection; violence detection) |
| **Video** | |
| Access Channel | 16 |
| Network Bandwidth | 320 Mbps for access, 320 Mbps for storage and 320 Mbps for forwarding |
| Resolution | 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 1.3MP, 720p, D1, and more |
| Decoding Capability | 16-channel@1080P (30 fps) |
| Video Output | HDMI1: 3840 × 2160; 1920 × 1080; 1280 × 1024; 1280 × 720<br>VGA1: 1920 × 1080; 1280 × 1024; 1280 × 720<br>HDMI2/VGA2: 1920 × 1080<br>VGA1/HMDI1 homologous output, VGA2/HDMI2 homologous output, and VGA1/HDMI1 and VGA2/HDMI2 supports heterogeneous output |
| Multi-screen Display | 1st Screen: 1/4/8/9/16 |
| | 2nd screen: 1/4/8/9/16 |
| Third Party Camera Access | Panasonic, Sony, Samsung, Axis, Pelco, Arecont, ONVIF, Canon and more |
| **Compression** | |
| Video | Smart H.265+; Smart H.264+; H.265; H.264; MJPEG |
| Audio | PCM; G.711A; G.711U; G.726 |
| **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 (Supports Dahua IP camera, DVR, NVS, and more.) ; P2P |
| Mobile Phone Access | Android; iOS |
| Interoperability | ONVIF (profile T/S/G); CGI; SDK |
| Browser | Chrome; IE9 or later; Firefox |

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| **Record Playback** | |
| Multi-channel Playback | 1/4/9/16 |
| Record Mode | Manual; schedule (general; MD; alarm; MD & alarm; intelligent; POS) |
| Storage Method | Local HDD and network |
| Backup | USB device |
| Playback Function | 1. Play; pause; stop; fast forward; fast backward; rewind; play by frame<br>2. Full screen; backup (cut/file) ; partially enlarge; audio on/off |
| **Storage** | |
| Disk Group | Yes |
| **Alarm** | |
| General Alarm | Motion detection; privacy masking; video loss; local alarm; PIR alarm; IPC alarm |
| Anomaly Alarm | Camera offline; storage error; full storage; IP conflict; MAC conflict; login lock; network security anomaly |
| Intelligent Alarm | Perimeter protection; face detection; face recognition; SMD; video metadata (human; motor-vehicle; non-motor vehicle) ; ANPR; people counting; stereo analysis; crowd distribution;<br>heat map |
| Alarm Linkage | Record; snapshot; IPC external alarm output; buzzer; log; preset; email |
| **External Port** | |
| Audio Input | 1 channel, RCA connector |
| Audio Output | 2 channels, RCA connector, which supports voice intercom output |
| HDD | 4 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature |
| Alarm Input | 16 channels |
| Alarm Output | 6 channels |
| eSATA | 1 eSATA |
| RS-232 | 1 channel, used to debug and pass through serial data |

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| RS-485 | 1 channel, used to control PTZ, and it supports multiple protocols |
| USB | 1 front USB 2.0 port, 2 rear USB 3.0 ports |
| HDMI | 2 |
| VGA | 2 |
| Network | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet port |
| PoE | 16 ports (IEEE802.3af/at)<br>1-8 ports support ePoE & EoC |
| **General Parameter** | |
| Power Supply | Single, 100V–240V AC, 50 Hz–60 Hz |
| Power Consumption | NVR: < 17.5W (without HDD)<br>PoE: Max 25.5W for single port<br>150W total rated power, 80% control for protection |
| Net Weight | 4.65 kg (10.3 lb) (without HDD) |
| Gross Weight | 7 kg (15.4 lb) (without HDD) |
| Product Dimensions | 440 mm × 412.2 mm × 76.0 mm (17.3" × 16.2" × 3.0") |
| Package Dimensions | 522 mm × 492 mm × 200 mm (20.6" × 19.4" × 7.9") |
| Operating Temperature | -10°C to +55°C (+14°F to +131°F) |
| Storage Temperature | 0°C to +40°C (+32°F to +104°F) |
| Operating Humidity | 10%–93% (RH) |
| Storage Humidity | 30%–85% (RH) |
| Operating Altitude | 3,000 m (9,843 ft) |
| Certifications | CE: EN55032; EN55024; EN50130-4; EN60950-1<br>FCC: Part 15 Subpart B; ANSI C63.4-2014<br>UL: UL 60950-1 |

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