# NVR4216-4KS3

**DAHUA DH-NVR4216-4KS3 16CH 1U 2HDDs Lite Network Video Recorder, 4K HDMI/VGA çıxış, SMD-Plus AI, Smart H.265+, 2×20 TB SATA**

## Specifications

| | |
|---|---|
| **Model** | NVR4216-4KS3 |
| **Brand** | Dahua |
| **Növ** | NVR |
| **Kanal say?** | 16 kanal |
| **Meqapixel** | 8 MP |
| **Max HDD say?** | 2 HDD |
| **Max HDD h?cmi** | 16 TB |

## KEY FEATURES

| Category | Specification |
|---|---|
| Channels | 16 IP camera channels |
| Max Resolution Supported | Up to 12MP per channel; 4K (8MP) real-time preview/playback |
| Recording Bandwidth | AI off: 160Mbps (in), 160Mbps (record), 80Mbps (out)<br>AI on: 80Mbps/80Mbps/60Mbps |
| Decoding Capability | AI off: 1 ×12MP@30 fps, 2 ×8MP@30 fps, 3 ×5MP@30 fps, 4 ×4MP@30 fps, 8 ×1080p@30 fps<br>AI on: similar but with reduced channels at higher resolutions |
| Video Output | HDMI (up to 4K) & VGA (1080p); simultaneous dual-screen |
| Video Formats | Smart H.265+, H.265, Smart H.264+, H.264, MJPEG |
| AI Features | Recorder-level Smart Motion Detection (SMD Plus) on 4 channels<br>Supports IPC-based AI: face detection/recognition, perimeter protection, people counting, SMD Plus (6 ch), stereo analysis, heat map (must use AI-capable cameras) |
| Storage | 2 × SATA (up to 20TB each) |
| Audio I/O | 1 × RCA input, 1 × RCA output; two-way audio |
| Alarm I/O | 4 alarm inputs, 2 alarm outputs |
| USB / Serial Ports | 2 × USB 2.0 ports; 1 × RS-232 |
| Network | 1 × Gigabit RJ-45; supports IPv4/IPv6, HTTP(S), TCP/IP, UDP, NTP, DHCP, DNS, SMTP, FTP, DDNS, P2P, UPnP, SNMP; ONVIF 22.12 Profile S/T/G, CGI, SDK |
| Remote Access | Supports DMSS (iOS/Android), web browsers (Chrome/IE/Edge/Firefox/Safari), multi-user access (up to 128 users) |
| Power Supply | 12V DC, 4A adapter (included); <10W consumption (no HDD) |
| Dimensions / Weight | 375 × 327.9 × 53 mm; Net ~2.6kg (with case), Gross ~3.8kg |
| Operating Conditions | −10°C to +55°C; 10–93% RH, non-condensing |
| Form Factor | 1U rack-mount or desktop |