

Dahua WizSense 64-channel NVR-5-EI2 Series NVR



- 64-channel Dahua WizSense NVR
- HDMI 8K output and up to 16 internal hard drives
- Up to 32MP resolution
- AI from recorder and camera: facial, SMD Plus, metadata, LPR, counting and more
- 448 Mbps bandwidth
- Stereo analysis, object detection and intelligent sounds
- Dual HDMI/VGA interface
- RAID, ONVIF and eSATA support.



Reference / Model	DAHUA-4941 / DHI-NVR5064-EI2
NVR Dahua WizSense NVR-5-EI2 Series NVR	
64 IP channels	
Supported resolution: up to 32MP	
Decoding: up to 40 channels 1080P@30 ips (without AI) or 32 channels 1080P@30 ips (with AI)	
Video Outputs: 2 HDMI (up to 8K), 2 VGA	
Video	
IP inputs: 64 channels	
Supported resolutions: 32MP (7680×4320), 24MP (5760×4320), 16MP (5376×3024), 12MP (4000×3000), 8MP (3840×2160), 6MP (3072×2048), 5MP (2592×1944), 4MP (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 960P (1280×960), 720P (1280×720), D1 (704×576), CIF (352×288), QCIF (176×144)	
Decoding capability (AI off): up to 40×1080P@30 fps	
Decoding capacity (AI enabled): up to 32×1080P@30 fps	
Main encoding capacity: up to 40×1080P@30 fps	
Configurable substream	

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HDMI output resolution: up to 7680×4320	
VGA output resolution: up to 1920×1080	
Multi-screen display:	
Main display: 1/4/8/9/16/25/36/36/64 quadrants	
Sub-screen: 1/4/8/9/16 quadrants	
Synchronized playback: up to 16 channels	
Video compression: Smart H.265+, H.265, Smart H.264+, H.264, MJPEG	
Intelligent features	
AcuPick: Accurate AI search from recorder and camera	
AI from recorder:	
4 channels of face detection	
4 face recognition channels	
8 channels of perimeter protection	
16 SMD Plus channels	
4 metadata channels	
AI from camera:	
Face detection	
Face recognition	
Perimeter protection, SMD, LPR	
Stereo analysis, heat mapping, people counting, crowd distribution	
PID, smart object and smart sound detection	
Audio	
1 RCA input	
2 RCA outputs	
Audio compression: G.711a/u, PCM, G726	
Storage	

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16 SATA bays (up to 20 TB per disk, not included)	
1 eSATA port	
RAID 0/1/5/6/10 and hot disk support	
Alarms	
16 alarm inputs / 8 alarm outputs (1 12V, 1A output)	
Intelligent alarms: face detection, metadata, counting, EPI, etc.	
General and anomaly alarms	
Communication interface	
RS232	
RS485	
RS422	
USB: 2 front USB 2.0, 2 back USB 3.0	
Network	
2 RJ-45 Ethernet ports (10/100/1000 Mbps)	
Protocols: HTTP, HTTPS, TCP/IP, IPv4, IPv6, UDP, NTP, FTP, SFTP, DHCP, DNS, SMTP, UPnP, DDNS, SNMP, Alarm Server, IP Search (IP camera, DVR, NVS compatible), Multicast, P2P, Auto Registration, iSCSI	
ONVIF 24.12 (Profiles T, S, G, M), CGI, SDK	
Compatible with Chrome, IE, Safari, Edge, Firefox browsers	
Power supply	
100~240 VAC, 50/60 Hz	
Power consumption: ≤15 W (without HDD)	
Environmental	
Operating temp.: -10 °C to +55 °C	
Storage temp.: -20 °C to +60 °C	
Humidity: 10 %~93 % RH	
Physical Characteristics	

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Dimensions: 485 × 508.5 × 133.2 mm (485 × 508.5 × 133.2 mm)	
Net weight: 11.87 kg	
Gross weight: 14.63 kg	
Contents	
64-channel Dahua WizSense NVR DAHUA-4941 (DHI-NVR5064-EI2)	
Certifications	
CE-EMC, CE-LVD	