

# DHI-NVR5464-EI

## DAHUA DHI-NVR5464-EI 64CH NETWORK VIDEO RECORDER



Model	DHI-NVR5464-EI
Brend	Dahua
Növ	NVR
Kanal sayı	64 kanal
Meqapixel	12 MP
Max HDD sayı	4 HDD
Max HDD həcmi	16 TB

### Specification

Main Processor	Industrial-grade processor
Operating System	Embedded Linux
Operating Interface	Web, LocalGUI
AI by Recorder	Face detection; face recognition; perimeter protection; SMD Plus
AI by Camera	Face detection; face recognition; video metadata (human, motor vehicles, and non-motor vehicles); perimeter protection; SMD Plus; stereo analysis; crowd distribution; people counting; ANPR; vehicle density; heat map
AcuPick AI by Camera+ Recorder	Max. 16-channel, 1 combined event per channel/s
Perimeter Performance AI by Recorder (Number of Channels)	4 channels, 10 IVS rules for each channel
Perimeter Performance of AI by Camera (Number of Channels)	16 channels
Face Attributes	Gender; age group; glasses; expressions; face mask; beard

Face Detection Performance of AI by Recorder (Number of Channels)	2 channels (up to 12 face images/s each channel)
Face Detection Performance of AI by Camera (Number of Channels)	16 channels
Face Database Capacity	Up to 20 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)	<p>1. 16-channel FD (by camera) + FR (by recorder), image stream: 16 face images/s</p> <p>1. 2-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s</p>
Face Recognition Performance of AI by Camera (Number of Channels)	16 channels
SMD Plus by Recorder	8 channels: Secondary filtering for human and motor vehicle, reducing false alarms caused by leaves, rain and lighting condition change
SMD Plus by Camera	16 channels
ANPR by Camera (Number of Channels)	8 channels
License Plate Database Capacity	<p>1. Create up to 20,000 plate numbers.</p> <p>2. Blocklist and allowlist</p>
Access Channel	64
Network Bandwidth	<p>AI disabled: 384 Mbps incoming, 384 Mbps recording and 384 Mbps outgoing</p> <p>AI enabled: 200 Mbps incoming, 200 Mbps recording and 200 Mbps outgoing</p>
Resolution	32MP; 24 MP; 16 MP; 12 MP; 8 MP; 5 MP; 4 MP; 1080p; 720p; D1; CIF; QCIF
Decoding Capability	<p>AI disabled:</p> <p>2-channel 32 MP@20 fps; 2-channel 24 MP@20fps; 4-channel 16 MP@30 fps; 5-channel 12 MP@30 fps; 8-channel 8 MP@30 fps; 12-channel 5 MP@30 fps; 16-channel 4 MP@30 fps; 32-channel 1080p@30 fps AI enabled:</p> <p>1-channel 32 MP@20 fps; 1-channel 24 MP@20fps; 2-channel 16 MP@30 fps; 4-channel 12 MP@30fps; 4-channel 8 MP@30 fps; 8-channel 5 MP@30fps;</p> <p>12-channel 4 MP@30 fps; 24-channel 1080p@30 fps</p>

Video Output	<p>2 VGA,2 HDMI</p> <p>VGA:1920 × 1080, 1280 × 1024,1280 × 720</p> <p>HDMI:3840 × 2160, 1920× 1080, 1280× 1024, 1280× 720</p> <p>Heterogeneous video source output for HDMI1 and HDMI2</p> <p>Simultaneous video source output for VGA1 and HDMI1 Simultaneous video source outputfor VGA2 and HDMI2</p>
Multi-screen Display	Main screen: 1/4/8/9/16/25/36/64 Sub screen: 1/4/8/9/16
Third-party CameraAccess	ONVIF; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Samsung
Video Compression	Smart H.265+;H.265; Smart H.264+;H.264; MJPEG
Audio Compression	G.711a; G.711u; PCM; G726
Network Protocol	<p>HTTP; HTTPS; TCP/IP; IPv4/IPv6; UDP; SNMP; NTP; DHCP; DNS; SMTP; UPnP;IP Filter; PPPoE;FTP; DDNS; Alarm</p> <p>Server; IP Search (Supports Dahua IP camera, DVR, NVS, etc.); Multicast; P2P;Auto Registration; iSCSI</p>
Mobile Phone Access	iOS; Android
Interoperability	ONVIF 22.06(Profile T; ProfileS; Profile G); CGI; SDK
Browser	Chrome;IE;Safari;Edge;Firefox
Network Mode	Multi-address mode, load balance, fault tolerance and other network port binding modes
Storage	
Disk Group	YES
Alarm	
General Alarm	Motion detection; privacy masking; local alarm
Anomaly Alarm	Camera offline; storage error; disk full; IP conflict; MAC conflict; login lock; abnormal behavior of fan; cybersecurity exception
Intelligent Alarm	Face detection; perimeter protection; face recognition; video metadata (human, motor vehicles, and non-motor vehicles); SMD Plus; stereo analysis; crowd distribution; people counting; ANPR; vehicledensity; heat map
Alarm Linkage	Record; snapshot (panoramic); local alarm output; IPC external alarm output; access controller; audio; buzzer; log, preset; email
Port	
Audio Input	1-channel RCA
Audio Output	2-channel RCA
Alarm Input	16 channels
Alarm Output	6 channels (1-channel 12 V 1 A output)
HDD Interface	4SATA ports, eachdisk can contain up to 16 TB. Thislimit varies depending on the environment temperature.
eSATA	1
RS-232	1
RS-485	1 (half-duplex serial communication)
USB	3(1 frontUSB 2.0 port,2 rear USB 3.0 ports)
HDMI	2
VGA	2
Network Port	2 (10/100/1000 Mbps Ethernet port,RJ-45)
General	

Power Supply	100–240 VAC,50-60 Hz
Power Consumption	Total outputof NVR is ≤ 13 W (without HDD)
Net Weight	4.74 kg (10.45 lb)
Gross Weight	6.11 kg (13.47 lb)
Product Dimensions	440.0 mm × 415.1mm × 70.0 mm (17.32" × 16.34" × 2.76") (W ×D × H)
Packaging Dimensions	530.0 mm × 500.0mm × 210.0 mm (20.87" × 19.69" × 8.27")(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)
Installation	Rack or desktop
Certifications	FCC: 47 CFR FCC Part15, SubpartB, Class A CE-EMC: EN 55032:2015+A1:2020; EN IEC 61000-3- 2:2019+A1:2021; EN 61000-3-3:2013+A1:2019+A2:2021;EN 55035:2017+A11:2020; EN 50130-4:2011+A1:2014 CE-LVD: EN 62368-1:2014