

NVR5864-EI

Dahua NVR5864-EI WizSense 32 kanal NVR; 2x10TB HDD; 8x1080p@30 fps;2+16 kanal uz tanima; 4+16 kanal perimetr protection; 8 kanal ANPR; 8 kanal Video Metadata; 8+16 kanal SMD Plus; Bandwidth 384 Mbps;



Specifications

Model	NVR5864-EI
Brand	Dahua
Növ	NVR
Kanal say?	64 kanal
Meqapixel	12 MP
Max HDD say?	8 HDD
Max HDD h?cmi	16 TB

KEY FEATURES

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; 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 Protection

Perimeter Performance AI by 4 channels, 10 IVS rules for each channel

Recorder (Number of Channels)

Perimeter Performance of AI by 16 channels

Camera (Number of Channels)

Face Detection

Face Attributes Gender; age group; glasses; expressions; face mask; beard

Face Detection Performance of AI 2 channels (up to 12 face images/s each channel)

by Recorder (Number of Channels)

Face Detection Performance of AI 16 channels

by Camera (Number of Channels)

Face Recognition

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 1. 16-channel FD (by camera) + FR (by recorder), image stream: 16 face images/s

AI by Recorder (Number of 2. 2-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s

Channels)

Face Recognition Performance of 16 channels

AI by Camera (Number of

Channels)

SMD Plus

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

Video Metadata

Metadata Performance of AI by 8 channels

Camera (Number of Channels)

Human Attributes Top color, top type, bottom color, bottom type, hat, bag, age, gender and umbrella

Motor Vehicle Attributes License plate, plate color, vehicle body, vehicle model, vehicle logo, calling, seatbelt, vehicle interior, vehicle registration location.

Non-motor Vehicle Attributes Vehicle model, vehicle color, number of persons, helmet.

Vehicle License Plate Comparison

ANPR by Camera (Number of 8 channels

Channels)

License Plate Database Capacity	1. Create up to 20,000 plate numbers. 2. Blocklist and allowlist
Audio and Video	
Access Channel	64
Network Bandwidth	AI disabled: 384 Mbps incoming, 384 Mbps recording and 384 Mbps outgoing AI enabled: 200 Mbps incoming, 200 Mbps recording and 200 Mbps outgoing
Resolution	32 MP; 24 MP; 16 MP; 12 MP; 8 MP; 5 MP; 4 MP; 1080p; 720p; D1; CIF; QCIF
Decoding Capability	AI disabled: 2-channel 32 MP@20 fps; 2-channel 24 MP@20 fps; 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: 1-channel 32 MP@20 fps; 1-channel 24 MP@20 fps; 2-channel 16 MP@30 fps; 4-channel 12 MP@30 fps; 4-channel 8 MP@30 fps; 8-channel 5 MP@30 fps; 12-channel 4 MP@30 fps; 24-channel 1080p@30 fps
Video Output	2 VGA, 2 HDMI VGA:1920 × 1080, 1280 × 1024, 1280 × 720 HDMI:3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 Heterogeneous video source output for HDMI1 and HDMI2 Simultaneous video source output for VGA1 and HDMI1 Simultaneous video source output for VGA2 and HDMI2
Multi-screen Display	Main screen: 1/4/8/9/16/25/36/64 Sub screen: 1/4/8/9/16
Third-party Camera Access	ONVIF; Panasonic; Sony; Axis; Arecont; Pelco; Canon; Samsung
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; UDP; SNMP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; PPPoE; FTP; DDNS; Alarm Server; IP Search (Supports Dahua IP camera, DVR, NVS, etc.); Multicast; P2P; Auto Registration; iSCSI
Mobile Phone Access	iOS; Android
Interoperability	ONVIF 22.06 (Profile T; Profile S; 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
Recording Playback	
Multi-channel Playback	Up to 16 channels
Record Mode	General, motion detection; intelligent; alarm; POS
Backup Method	USB device and network
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)
Storage	
Disk Group	Yes
RAID	RAID 0/1/5/6/10
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; vehicle density;