

DS-7608NXI-I2/S(E) 8-ch 1U AcuSense 4K NVR



- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 4-ch perimeter protection
- Up to 4-ch facial recognition for video stream
- Up to 8-ch facial recognition for face picture
- Up to 8-ch IP camera inputs
- Up to 32-ch 1080p decoding capability
- Up to 8-ch IP speakers can be connected

▪ Function

Compression and Recording

H.265+ compression effectively reduces the storage space by up to 75%

Full channel IP cameras connection

HD Video Output

Provide independent HDMI and VGA outputs

HDMI video output at up to 4K resolution

Storage and Playback

Up to 2 SATA interfaces for HDD connection

8-ch synchronous playback

Smart & POS Function

Support multiple VCA (Video Content Analytics) events

Smart search for the selected area in the video, and smart playback to improve the playback efficiency

POS information overlay on live view and playback

POS triggered recording and alarm

Network & Ethernet Access

2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

Hik-Connect for easy network management

▪ Specification

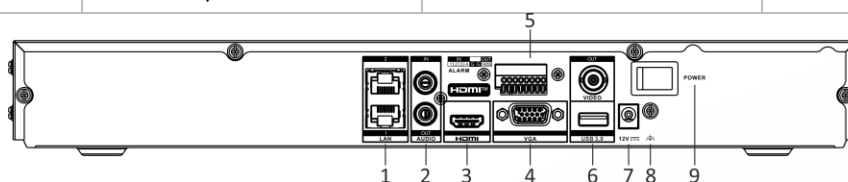
Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0, AcuSearch
AI by Camera	AcuSearch, Facial recognition, perimeter protection, video structuralization, motion detection 2.0, ANPR, people counting, VCA
Engine	1, engine mode is adjustable
AcuSearch	
Performance	If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSearch in all channels, capable of modeling 172,800 targets/day.
Perimeter Protection	
By NVR	4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm; Up to 12 rules in total
By Camera	All channels
Target Recognition	
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 1 GB)
Face Picture Comparison	8-ch
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)
Motion Detection 2.0	
By NVR	All channels for Hikvision cameras
By Camera	All channels
ANPR	
By Camera	All channels
Vehicle Attributes	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type
Devices and Servers	
Heat Map Cameras	heatmap data record and presentation
Video and Audio	
IP Video Input	8-ch Up to 32 MP resolution *: The NVR supports up to 4-ch 32/24/16 MP IP video inputs.
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz
VGA Output	1920 × 1080/60 Hz,
Video Output Mode	HDMI/VGA independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding	
Decoding Format	H.265+/H.265/H.264+/H.264

Recording Resolution	32 MP/24 MP/16MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: The NVR supports up to 4-ch 32/24/16 MP IP video inputs, all channels for less than 16 MP.
Synchronous playback	8-ch
Live View Window Division	1/2/4/6/8/9
Aux Port Window Division	1/2/4/6/8/9
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) 1-ch@32 MP (30 fps); 1-ch@24 MP (30 fps); 2-ch@16MP (30 fps); 3-ch@12MP (30 fps); 5-ch@8 MP (30 fps); 6-ch@6 MP (30 fps); 8-ch@5 MP (30 fps); 10-ch@4 MP (30 fps); 16-ch@2 MP (30 fps); Disable AI by NVR: 32-ch@1080p (30 fps) 2-ch@32 MP (30 fps); 2-ch@24 MP (30 fps); 4-ch@16MP (30 fps); 5-ch@12MP (30 fps); 8-ch@8 MP (30 fps); 10-ch@6 MP (30 fps); 12-ch@5 MP (30 fps); 16-ch@4 MP (30 fps);
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM
Dual-Stream Recording	Support
Stream Type	Video, Video & Audio
Network	
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Camera Access Protocol	ONVIF (Version 2.5), RTSP
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 16 TB capacity for each disk
Alarm In/Out	4/1
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian, Hebrew
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 30 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Chassis	1U chassis
Dimension (W × D × H)	385 × 317 × 52 mm (15.2" × 12.5" × 2.0")
Weight	≤ 2.5 kg (without HDD, 5.5 lb.)
Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, LOA

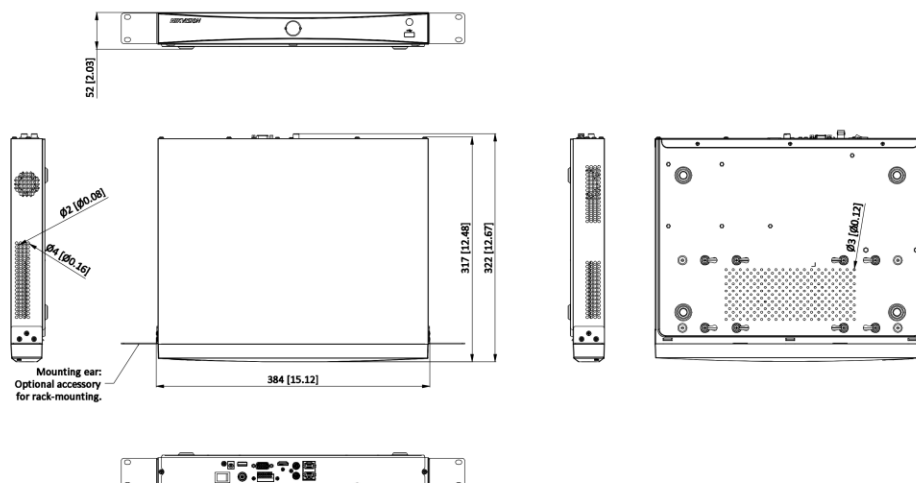
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4
Cyber Security	
EN 303645	Support
Secure Boot	Support
Secure Component Verification SVC	Support
Password Protection	Support
IP & MAC Address Filtering	Support
HTTPS Encryption	Support
Live View & Playback Stream Encryption	Support : AES128
IEEE802.1X(EAP-TLS) Network Access Control	Support
Signed Firmware	Support
Others	Digest authentication: Support User access log : Support Centralized certificate management : Support Brute force delay protection : Support

▪ Physical Interface

No.	Description	No.	Description
1	LAN1 and LAN2 network interfaces	6	USB 3.0 interface and VIDEO OUT
2	AUDIO IN//AUDIO OUT	7	Power supply
3	HDMI interface	8	GND
4	VGA interface	9	Power switch
5	ALARM IN/OUT		



▪ Dimension



Unit:mm [inch]

SCALE	1:1
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See Far, Go Further



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