

DS-7608NXI-I2/S(C) 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 1-ch facial recognition for video stream
- Up to 4-ch facial recognition for face picture
- Up to 8-ch IP camera inputs
- Up to 16-ch 1080p decoding capability

▪ 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

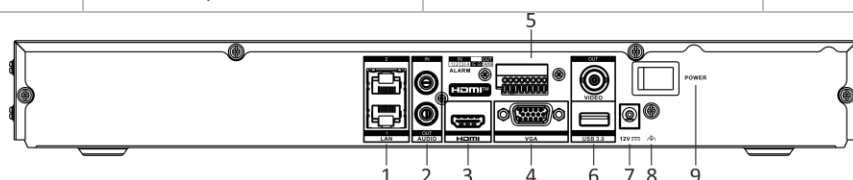
Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	
Engine	
AcuSearch	
Performance	N/A
Perimeter Protection	
By NVR	
By Camera	
Target Recognition	
Face Picture Library	Up to 16 face picture libraries, with up to 10,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 150 MB)
Face Picture Comparison	4-ch face picture comparison alarm
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Facial Detection and Analytics Performance	1-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)
Motion Detection 2.0	
By NVR	
By Camera	
ANPR	
By Camera	
Vehicle Attributes	
Plate Attributes	
Devices and Servers	
Heat Map Cameras	N/A
Video and Audio	
IP Video Input	8
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
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+,MPEG4
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	16-ch
Live View Window Division	1/4/6/8/9
Aux Port Window Division	1/4/6/8/9
Decoding Capability	16-ch @ 1080p (30 fps)
Audio Compression	G.711ulaw,G.711alaw,G.722,G.726,MP2L2

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	
Network Protocol	
API	
Compatible Browser	
Camera Access Protocol	ONVIF(Version 2.5), RTSP
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 8 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	
Power Supply	≤ 40 W
Consumption	DS-7608NXI-I2/S(标配)(C),DS-7608NXI-I2/S(中性)(C):≤ 15W DS-7608NXI-I2/S(标配)(C)/阿联酋HTL:≤ 30 W (without HDD)
Working Temperature	-10°C ~ + 55°C
Working Humidity	10% to 90%
Chassis	1U
Dimension (W × D × H)	385 × 315 × 52 mm (11.6"× 9.5" × 1.6")
Weight	≤ 1.6 kg (3.5 lb)
Certification	
Obtained Certification	
CE	
Cyber Security	
EN 303645	N/A
Secure Boot	N/A
Secure Component Verification SVC	N/A
Password Protection	N/A
IP & MAC Address Filtering	N/A
HTTPS Encryption	N/A
Live View & Playback Stream Encryption	N/A
IEEE802.1X(EAP-TLS) Network Access Control	N/A
Signed Firmware	N/A
Others	N/A

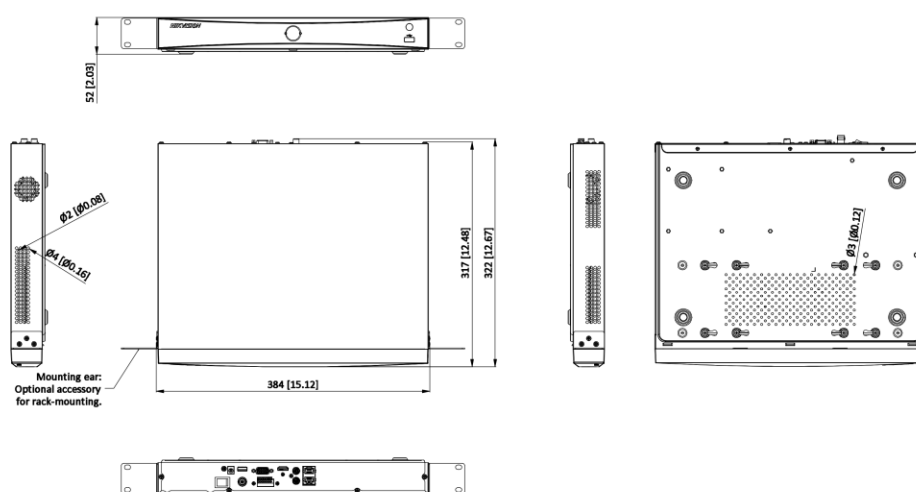
▪ Physical Interface

No.	Description	No.	Description
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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

See Far, Go Further



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