

DS-7608NXI-I2/8P/S
8-ch 1U 8 POE AcuSense 4K NVR



- Intelligent analytics based on deep learning algorithm
- H.265+/H.265/H.264+/H.264 video formats
- Up to 4-ch perimeter protection
- Up to 8-ch IP camera inputs

▪ 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

- 8 independent PoE network interfaces

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

- Hik-Connect for easy network management

▪ Specification

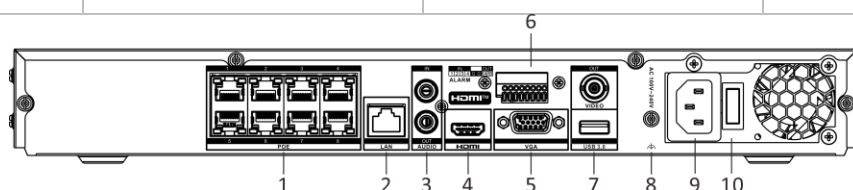
Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0
AI by NVR and Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA
Engine	1, engine mode is adjustable
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	N/A
Vehicle Attributes	Vehicle brand, vehicle color, vehicle type
Plate Attributes	Plate number, license plate color, license plate type
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
VGA Output	1-ch, 1920 × 1080/60Hz
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	8-ch
Live View Window Division	1/4/6/8/9/16
Aux Port Window Division	1/4/6/8/9/16
Decoding Capability	16-ch @ 1080p (30 fps)

Dual-Stream Recording	Support
Audio Compression	G.711ulaw,G.711alaw,G.722,G.726,MP2L2
Stream Type	Video, Video & Audio
Network	
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Remote Connection	
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	
Compatible Browser	
Camera Access Protocol	ONVIF(Version 2.5), RTSP
PoE	
Interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 120W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 8 TB capacity for each disk
Serial Interface	RS-485 (half-duplex), RS-232, Keyboard
Alarm In/Out	4/1
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
General	
GUI Language	
Power Supply	≤ 180 W
Consumption	≤ 15W
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	≤ 3 kg (6.6 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

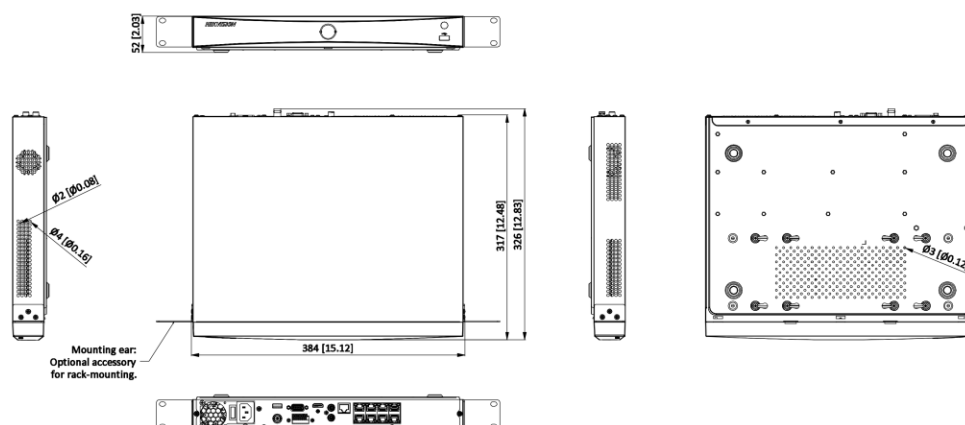
Signed Firmware	N/A
Others	N/A

Physical Interface

No.	Description	No.	Description
1	PoE interfaces	6	ALARM IN/OUT
2	LAN network interface	7	USB interface and VIDEO OUT
3	AUDIO IN/AUDIO OUT	8	GND
4	HDMI interface	9	Power supply
5	VGA interface	10	Power switch



Dimension



Unit:mm [inch]

SCALE 1:1

▪ **Accessory**

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