

DS-7608NXI-I2/8P/S (E) AcuSense Series NVR

Key Feature

- 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















Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel IP cameras connection
- Compatible with third-party network cameras

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
- 16-ch synchronous playback at up to 1080p resolution

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





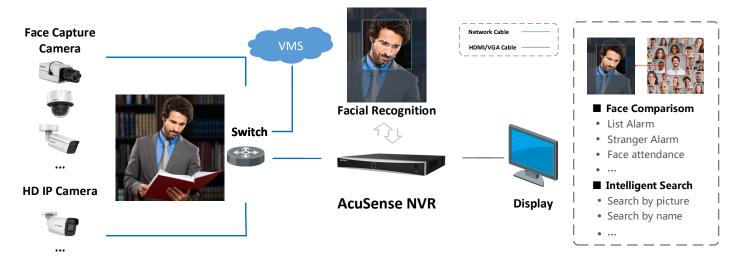
Network & Ethernet Access

- 8 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

Typical Application

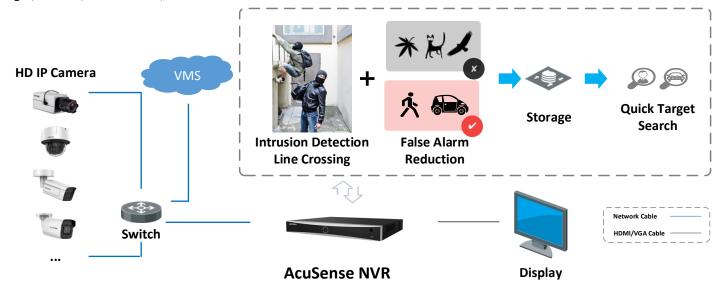
Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Realize blocklist alarm and stranger alarm via face picture library. Search target people by picture and name features.



Perimeter Protection

Adopt deep learning algorithm to reduce false alarm, effectively reduces the false alarm caused by tree branches, leaves, shadow, light, vehicles, small animals, etc.





Specification

Intelligent Analytics				
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0			
AI by 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			
Facial Recognition				
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤			
race ricture Library	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			
Perimeter Protection				
	4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce			
By NVR	false alarm;			
	Up to 12 rules in total			
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			
Video and Audio				
IP Video Input	8-ch			
Incoming Bandwidth	80 Mbps			
Outgoing Bandwidth	256 Mbps			
LIDAM Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60			
HDMI Output	Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz			
VGA Output	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		
	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF		
Recording Resolution	32MP/24MP/12MP/8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCI		
	F/2CIF/CIF/QCIF		
	*: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.		
Synchronous playback	8-ch		
Live View Window Division	1/2/4/6/8/9		
Aux Port Window Division	1/2/4/6/8/9		
	Enable AI by NVR: 20-ch@1080p (30 fps)		
Decoding Capability	Disable AI by NVR: 32-ch@1080p (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	1, 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,		
Network Protocol	UPnP™, HTTP, HTTPS		
API	ONVIF (profile S/G); SDK; ISAPI		
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version		
PoE			
Interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface		
Power	≤ 150W		
Standard	IEEE 802.3 af/at		
Auxiliary Interface			
SATA	2 SATA interfaces		
Capacity	Up to 14 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			
Power Supply	100 to 240 VAC, 50 to 60 Hz		



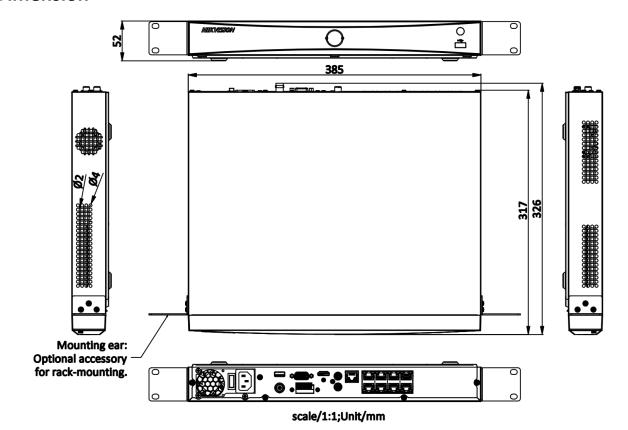
	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French,		
	Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish		
GUI Language	Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese,		
	Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian,		
	Kyrgyz , Brazilian Portuguese, Indonesian, Hebrew		
Consumption	≤ 30 W (without HDD and PoE off)		
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		

Note:

Facial recognition, motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the others unavailable.

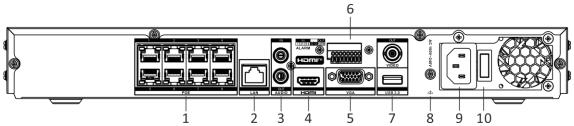


Dimension





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

Available Model

DS-7608NXI-I2/8P/S (E)

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