

DS-7600NXI-I2/S 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 1-ch facial recognition for video stream
- Up to 4-ch facial recognition for face picture
- Up to 8/16-ch IP camera inputs
- Up to 16-ch 1080p decoding capability













- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel IP cameras connection
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading

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
- 8/16-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



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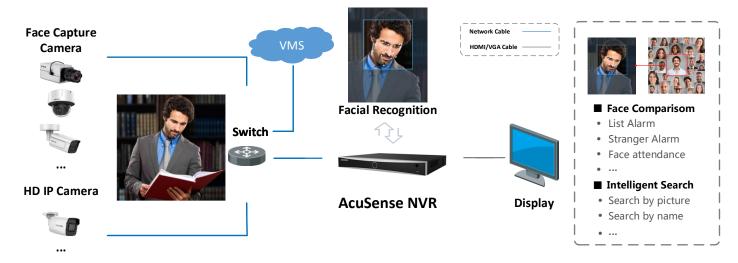
Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

Typical Application

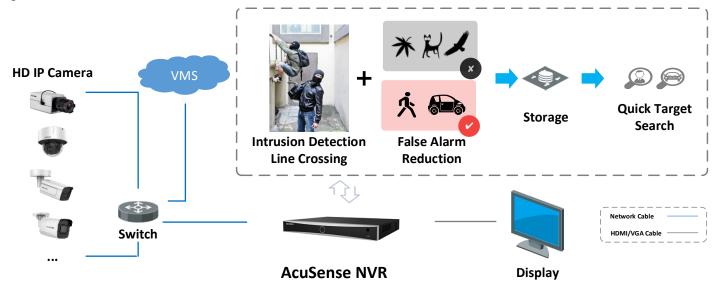
Facial Recognition and Face Picture Comparison

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

Model	DS-7608NXI-I2/S	DS-7616NXI-I2/S		
Facial Recognition ¹				
Facial detection and analytics	Face picture comparison, human face capture, face picture search			
Eaco pieturo library	Up to 16 face picture libraries, with up to 10,000 face pictures in total (each picture			
Face picture library	≤ 512 KB, total capacity ≤ 150 MB)			
Face picture comparison	4-ch face picture comparison alarm			
Performance of facial detection and analytics	1-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)			
Perimeter Protection ¹				
Human/Vehicle analysis	Up to 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			
Video and Audio				
	8-ch	16-ch		
IP video input	Up to 12 MP resolution *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.			
Incoming bandwidth	80 Mbps	160 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 input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Decoding				
Decoding format	H.265+/H.265/H.264+/H.264/MPEG4			
Recording resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.			
Synchronous playback	8-ch	16-ch		
Capability	16-ch@1080p (30 fps)			
Dual stream recording	Support			
Stream type	Video, Video & Audio			
Audio compression	G.711ulaw/G.711alaw/G.722/G.726/MP2L2			
Network				
Remote connections	128			
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS			

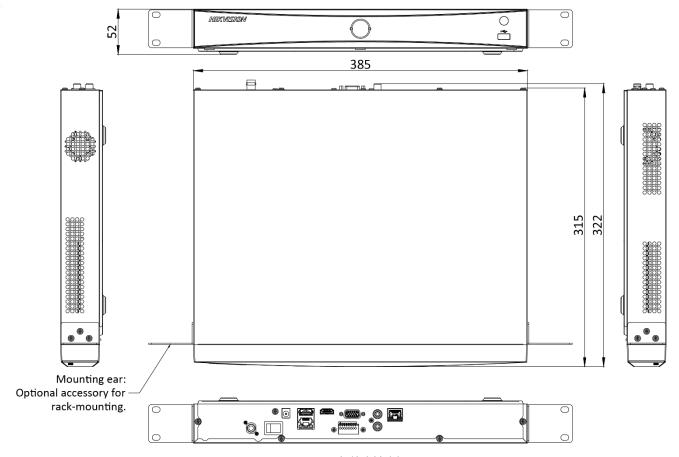


Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface			
Auxiliary interface	у			
SATA	2 SATA interfaces supporting hot-plug			
Capacity	Up to 10 TB capacity for each disk			
Alarm in/out	4/1			
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0			
General				
Power supply	100 to 240 VAC, 50 to 60 Hz			
Consumption	≤ 15 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 × 315 × 52 mm (15.2"× 12.4" × 2.0")			
Weight (without HDD)	≤ 1.6 kg (3.5 lb)			
Certification				
FCC	Part 15 Subpart B, ANSI C63.4-2014			
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4			

^{1:} Facial recognition and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.



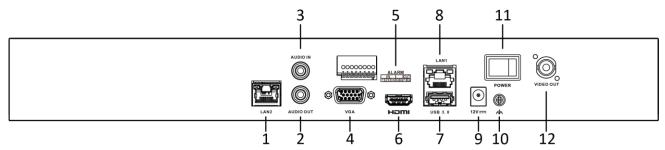
Dimension



scale/1:1;Unit/mm



Physical Interface



No.	Description	No.	Description
1	LAN2 Network Interface	7	USB 3.0 interface
2	AUDIO OUT	8	LAN1 Network Interface
3	AUDIO IN	9	Power Supply
4	VGA Interface	10	GND
5	Alarm In/Alarm Out	11	Power Switch
6	HDMI Interface	12	VIDEO OUT

Available Model

DS-7608NXI-I2/S, DS-7616NXI-I2/S

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