HIKVISION

iDS-9600NXI-I8/X(B) DeepinMind Series NVR

Features and Functions

Face Detection and Analysis
- Powerful face pictures library management
- Face pictures comparison and alarm linkage actions
- Search by picture supported
- More precise face recognition and analytics based on deep learning algorithm

Video Input and Transmission
- Up to 16/32/64-ch IP camera inputs for iDS-9616/9632/9664NXI-I8/X(B)
- Connectable to the third-party network cameras

HD Video Output and Decoding
- Supports H.265+ decoding format
- Up to 16-ch decoding at 1080p resolution
- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 output at up to 4K (4096 × 2160) resolution

Storage and Playback
- Full channel recording at up to 12 MP resolution
- Up to 10 TB capacity for each HDD
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- 16-ch synchronous playback at 1080p resolution

VCA & POS Function
- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports VCA search for fire/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

Professional and Reliable
- ANR technology to enhance the storage reliability when the network is disconnected
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

Network & Ethernet Access
- Hik-Connect for easy network management
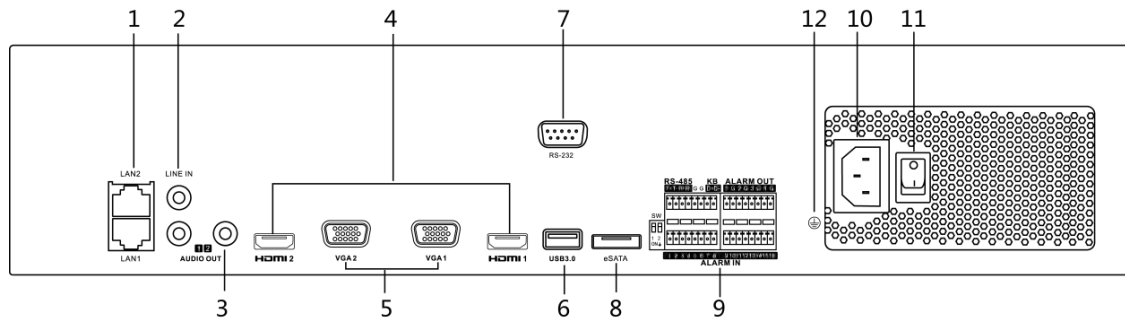- 2 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

Specification

Model		iDS-9616NXI-I8/X(B)	iDS-9632NXI-I8/X(B)	iDS-9664NXI-I8/X(B)
Face detection and analytics[1]	Face picture library	16 libraries		
		100, 000 pictures		
	Face picture comparison alarm	16-ch face pictures comparison alarm, Alarm linkage actions: recording, audio warning, notify surveillance center, send email		
	Face picture search	Search by picture is supported		
	Performance of facial detection and analytics	8-ch human face capture (HD network camera, up to 4 MP, H.264/H.265)		
Human/Vehicle analysis[1]	False alarm reduction	Up to 16-ch 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm		
Video/audio input[1]	IP video input	16-ch	32-ch	64-ch
	Incoming/outgoing bandwidth	320 Mbps/256 Mbps		
	Incoming/outgoing bandwidth (RAID mode)	200 Mbps/200 Mbps		
Video/audio output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF		
	CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
	VGA1 /HDMI1 output resolution	VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 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		
	VGA2 /HDMI2 output resolution	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Audio output	2-ch, RCA (Linear, 1 KΩ)		
Decoding	Decoding format	H.265/H.265+/H.264/H.264+/MPEG4		
	Live view/playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF		
	Synchronous playback	16-ch		
	Capability	16-ch @ 1080p		
Hard disk	SATA	8 SATA interfaces		
	eSATA	1 eSATA interface		
	Capacity	Up to 10 TB capacity for each HDD		
Disk array	Array type	RAID0, RAID1, RAID5, RAID6, RAID10		
External interface	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)		
	Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
	Serial interface	RS-232; RS-485; Keyboard		
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0		
	Alarm in/out	16/4 (16/8 is optional)		
General	Power supply	100 to 240 VAC, 50 to 60 Hz		
	Total power	≤ 200 W		
	Consumption (without hard disk)	≤ 70 W		
	Working temperature	-10 to +55° C (+14 to +131° F)		
	Working humidity	10 to 90%		
	Dimension (W × D × H)	445 × 465 × 88 mm (17.5"× 18.3" × 3.5")		
	Weight (without hard disk)	≤ 10 kg (22 lb)		

1: Facial detection and analytics and human/vehicle analysis cannot be enabled at the same time. Enable one function will make the other one unavailable.

Physical Interface

Index	Description	Index	Description
1	LAN1/LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	eSATA Interface
3	AUDIO OUT	9	Alarm In/Alarm Out
4	HDMI1/HDMI2 Interface	10	100 to 240 VAC power supply
5	VGA1/VGA2 Interface	11	Power Switch
6	USB 3.0 Interface	12	GND

Available Model

iDS-9616NXI-I8/X(B), iDS-9632NXI-I8/X(B), iDS-9664NXI-I8/X(B)

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