

iDS-9600NXI-I8/16S(B) DeepinMind Series NVR



Features and Functions

Human and Vehicle Analysis

- Deep learning-based human and vehicle target classification improves false alarm filtering effect

Video Input and Transmission

- Up to 16/32/64-ch IP camera input for iDS-9616/9632/9664NXI-I8/16S(B)
- Connectable to the third-party network cameras

HD Video Output and Decoding

- H.265/H.265+/H.264/H.264+/MPEG4 self-adaptive
- HDMI1/VGA1 and HDMI2/VGA2 simultaneous outputs provided
- HDMI1 output at up to 4K resolution

Storage and Playback

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

Smart & 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/ship/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

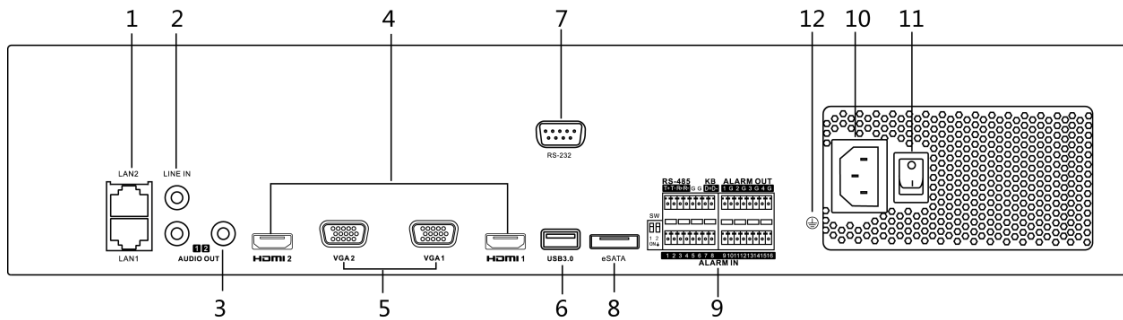
- Hik-Connect for easy network management
- 2 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface



Specifications

Model		iDS-9616NXI-I8/16S(B)	iDS-9632NXI-I8/16S(B)	iDS-9664NXI-I8/16S(B)
Human/Vehicle analysis	False alarm filtering	Up to 16-ch 2 MP video analysis for human and vehicle recognition to filter false alarm		
Video/Audio input	IP video input	16-ch	32-ch	64-ch
	Incoming/outgoing bandwidth	320 Mbps/250 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: 2K (2560 × 1440)/60Hz, 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 (30fps)		
VCA	VCA detection	Human body detection, face detection, vehicle detection, line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection, sudden scene change detection, and defocus detection		
Hard disk	SATA	8 SATA interfaces		
	HDD type	3.5 " HDD		
	eSATA	1 eSATA interface		
Disk array	Capacity	Up to 10 TB capacity for each HDD		
	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 %		
	Chassis	19-inch rack-mounted 2U chassis		
	Dimensions (W × D × H)	445 × 470 × 90 mm (17.5" × 18.5" × 3.5")		
	Weight (without hard disk)	≤ 10 kg (22 lb)		

Physical Interfaces



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, RS-485, KB
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 Models

iDS-9616NXI-I8/16S(B), iDS-9632NXI-I8/16S(B), iDS-9664NXI-I8/16S(B)

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HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Africa
T +27 (0) 0351172
sale.africa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com