

iDS-9600NXI-I16/16S(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-I16/16S(B)
- Connectable to the third-party network cameras

HD Video Output and Decoding

- Supports H.265+ decoding format
- HDMI 1/VGA 1 and HDMI 2/VGA 2 outputs provided
- HDMI 1 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

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/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

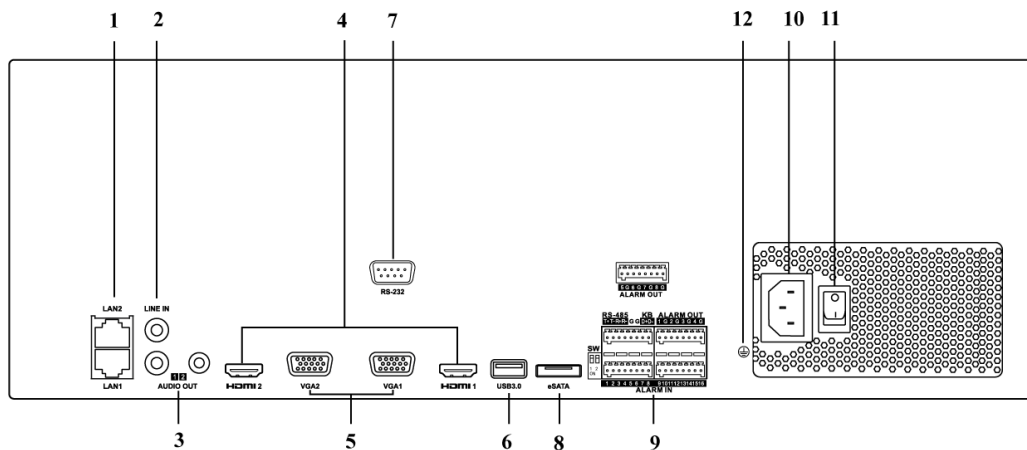
- Hik-Connect for easy network management
- 2 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface



Specifications

Model		iDS-9616NXI-I16/16S(B)	iDS-9632NXI-I16/16S(B)	iDS-9664NXI-I16/16S(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/256 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		
	VGA 1/HDMI 1 output resolution	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 HDMI: up to 4K, VGA: up to 2K.		
	VGA 2/HDMI 2 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	16 SATA interfaces		
	eSATA	1 eSATA interface		
	HDD type	3.5 " HDD		
	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	16/8		
General	Power supply	220 VAC		
	Total power	250 W		
	Consumption (without hard disk)	≤ 70 W		
	Working temperature	-10 to +55° C (+14 to +131° F)		
	Working humidity	10 to 90 %		
	Chassis	3U chassis		
	Dimensions (W × D × H)	445 × 496 × 146 mm (17.5"× 19.5" × 5.7")		
Weight (without hard disk)	≤ 13 kg (28.7 lb)			

Physical Interfaces



Index	Description	Index	Description
1	LAN1/LAN2 Interface	8	eSATA
2	LINE IN	9	Controller Port
3	AUDIO OUT		ALARM IN
4	HDMI1/HDMI2		ALARM OUT
5	VGA1/VGA2	10	100 to 240 VAC
6	USB 3.0 interface	11	Power Switch
7	RS-232 Interface	12	GROUND

Available Models

iDS-9616NXI-I16/16S(B), iDS-9632NXI-I16/16S(B), iDS-9664NXI-I16/16S(B)

Distributed by



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Hikvision Hong Kong
T +852-2151-1761