

HK-303617099

Hikvision 32-ch 2U 8K DeepinMind NVR

Product Overview

Hikvision 32-ch 2U 8K DeepinMind NVR, Facial Recognition, Perimeter protection, Video structuralization, AcuSearch, ANPR, 32-ch IP Video Input, Up to 32 MP Resolution, 8K (7680x4320) 30Hz HDMI 1 Output, 4K (3840x2160) 60Hz HDMI 2 Output, 1920x1080 60Hz VGA 1 & 2 Output, HDMI1/VGA1 simultaneous Output, HDMI2/VGA2 simultaneous Output, 1-ch BNC CVBS Output, 2-ch RCA Audio Output, 1-ch RCA Two-Way Audio, H.265 / H.265+ / H.264 / H.264+ decoding Format, 16-ch synchronous playback, 8x SATA interfaces up to 16 TB capacity for each disk, 1x eSATA Interface, 1x RS-232, 1x RS-485, 2x USB 2.0, 1x USB 3.0, 16 / 9 Alarm In/Out, IDS-9632NXI-M8/X(STD)



Specifications

Overview Summary:

The Hikvision 32-channel 2U 8K DeepinMind NVR is a high-performance video surveillance recorder designed for demanding security installations. It supports up to 32 IP cameras, resolutions up to 32 MP, 8K HDMI output and advanced AI analytics including facial recognition, perimeter protection, video structuralization, AcuSearch and ANPR.

With eight SATA interfaces supporting up to 16 TB per drive and multiple RAID configurations, this NVR provides substantial storage flexibility for professional surveillance systems. Buy now for a powerful, scalable security recording solution in South Africa, or shop now to upgrade your CCTV infrastructure.

Performance tier:Enterprise

Uses:IP camera recording, CCTV surveillance, facial recognition, perimeter protection, ANPR, security monitoring, video analytics, vehicle monitoring

Overview:

Hikvision iDS-9632NXI-M8/X 32-Channel 8K DeepinMind NVR

The Hikvision iDS-9632NXI-M8/X is a high-capacity 32-channel 2U DeepinMind NVR designed for advanced IP video surveillance systems requiring high-resolution recording, intelligent video analytics and extensive storage options. It supports up to 32 IP cameras with resolutions up to 32 MP, making it suitable for demanding surveillance installations where detailed video monitoring and advanced search capabilities are required.

Description:

This Hikvision 32-channel NVR combines 8K video output with deep learning based analytics, facial recognition, perimeter protection, video structuralization, AcuSearch and ANPR capabilities. It supports up to 16-channel synchronous playback and provides flexible decoding capacity for high-resolution IP cameras. With eight SATA interfaces supporting up to 16 TB per disk, RAID support and dual Gigabit Ethernet interfaces, the iDS-9632NXI-M8/X is built for large surveillance systems requiring substantial storage and network performance.

Features:**Intelligent Video Surveillance**

The DeepinMind platform provides intelligent analytics using deep learning algorithms. Analytics can be performed by the NVR or supported cameras, allowing the system to handle functions such as facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection, ANPR, people counting and VCA.

The NVR has two intelligent processing engines, with each engine able to run an intelligent algorithm. The engine mode can also be adjusted according to the surveillance requirements.

Key intelligent capabilities include:

- Facial recognition with up to 16 channels for video stream recognition or up to 32 channels for face picture recognition
- Perimeter protection for up to 24 channels depending on resolution and processing mode
- Video structuralization for up to 12 channels at 2 MP
- AcuSearch support for rapid target searching
- ANPR support through compatible cameras
- Face picture libraries supporting up to 32 libraries
- Face picture comparison at up to 32 pictures per second for stored face picture comparison
- Face picture comparison from cameras at up to 48 pictures per second

Facial Recognition and Target Search

The NVR supports advanced facial detection and analytics, including face picture comparison, human face capture and face picture searching. Up to 100,000 face pictures can be stored in the list library, while the stranger library can contain up to 10,000 face pictures.

Face capture storage supports up to 10,000,000 face pictures, with each picture up to 4 MB and a total capacity of up to 20 GB.

AcuSearch can process up to 691,200 targets per day when supported by compatible cameras. When using NVR based AcuSearch, up to eight channels are supported at the same target processing capacity.

Perimeter Protection and ANPR

Perimeter protection provides intelligent monitoring for supported camera channels. Depending on resolution and processing mode, the NVR supports up to 24 channels at 2 MP, 16 channels at 4 MP or eight channels at 8 MP without the large model. With the large model, capacity is up to 12 channels at 2 MP, eight channels at 4 MP or four channels at 8 MP.

ANPR functions can be provided through compatible cameras across all channels. Supported vehicle information includes:

- Plate number
- License plate color
- License plate type
- Vehicle brand
- Vehicle color
- Vehicle type

32-Channel 8K Video Recording

The Hikvision iDS-9632NXI-M8/X supports up to 32 IP video inputs and IP camera resolutions up to 32 MP. The NVR has 320 Mbps incoming bandwidth and 400 Mbps outgoing bandwidth for handling high-resolution surveillance streams.

Its decoding capacity supports different combinations of high-resolution video:

- 2-channel at 32 MP, 30 fps
- 2-channel at 24 MP, 30 fps
- 4-channel at 16 MP, 30 fps
- 8-channel at 8 MP, 30 fps
- 16-channel at 4 MP, 30 fps
- 32-channel at 2 MP, 30 fps

The system supports H.265, H.265+, H.264 and H.264+ video formats, along with up to 16-channel synchronous playback.

8K HDMI and Multiple Display Outputs

For high-resolution monitoring, HDMI 1 supports up to 8K resolution at 30 Hz, while HDMI 2 supports up to 4K resolution at 60 Hz. Two VGA outputs are also available, with HDMI 1 and VGA 1 operating as simultaneous outputs and HDMI 2 and VGA 2 operating as simultaneous outputs.

Display connectivity includes:

- HDMI 1: up to 8K 7680 x 4320 at 30 Hz
- HDMI 2: up to 4K 3840 x 2160 at 60 Hz
- VGA 1 and VGA 2: 1920 x 1080 at 60 Hz
- 1-channel BNC CVBS output
- 2-channel RCA audio output
- 1-channel RCA two-way audio

When HDMI 1 is configured for 8K output, the maximum HDMI 2 output resolution is 1080p.

Large Storage and RAID Support

The 2U chassis provides eight SATA interfaces for 3.5-inch hard drives, with support for up to 16 TB per disk. An additional eSATA interface provides further storage connectivity.

Supported RAID configurations include:

- RAID 0
- RAID 1
- RAID 5
- RAID 6
- RAID 10

This storage flexibility allows the NVR to be configured according to capacity, redundancy and performance requirements.

Network and Connectivity

Two RJ-45 Gigabit Ethernet interfaces provide 10/100/1000 Mbps self-adaptive network connectivity. The NVR supports remote connections for up to 128 users and provides compatibility with a range of network protocols and surveillance standards, including ONVIF and RTSP.

Additional interfaces include:

- 1 x RS-232
- 1 x RS-485

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- 2 x USB 2.0
- 1 x USB 3.0
- 16 alarm inputs and 9 alarm outputs
- 1 x eSATA
- 1 x keyboard interface
- 2 x RJ-45 Gigabit Ethernet ports

The NVR also supports ONVIF Profile S/G, SDK and ISAPI interfaces for integration with compatible surveillance equipment.

Part Number and Key Technical Details

The part number / SKU for this Hikvision NVR is HK-303617099 . The exact model is IDS-9632NXI-M8/X(STD).

Other important technical details include:

- Power supply: 100 to 240 VAC, 50 to 60 Hz
- Power consumption: up to 50 W without HDD
- Dimensions: 445 x 465 x 93 mm
- Weight: up to 10 kg without HDD
- Operating temperature: -10 to 55 C
- Operating humidity: 10 to 90%

The Hikvision iDS-9632NXI-M8/X is suited to large-scale IP surveillance deployments that require high-resolution recording, advanced AI-based video analytics, extensive HDD capacity and flexible display and network connectivity.

Specifications:

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Specifications	
Product Code	HK-303617099
Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, AcuSearch
AI by Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection2.0, ANPR, people counting, VCA
Engine	2, each engine can run an intelligent algorithm, engine mode is adjustable
AcuSearch	
By Camera	All channels, up to 691,200 targets/day
	The camera should enable AcuSearch function
By NVR	Up to 8-ch, up to 691,200 targets/day
Perimeter Protection	
By NVR	24-ch 2 MP or 16-ch 4 MP or 8-ch 8 MP (Without Large Model)
	12-ch 2 MP or 8-ch 4 MP or 4-ch 8 MP (With Large Model)
By Camera	All channels (powered by Large Model)
Video Structuralization	

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Structured Analysis	Up to 12-ch 2 MP (6-ch for each engine) or 8-ch 4 MP or 4-ch 8 MP
Face Picture Library	Up to 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture <= 4 MB, total capacity <= 20 GB)
Face Picture Comparison	16-ch
	Comparison speed: 32 pictures per second
Target Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 32 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 10,000,000 face pictures in face capture (each picture <= 4 MB, total capacity <= 20 GB)
Face Picture Comparison (Captured from Camera)	32-ch (16-ch for each engine)
	Comparison speed: 48 pictures per second
Facial Detection and Analytics Performance	Up to 16-ch 2 MP (8-ch for each engine) or 8-ch 4 MP or 4-ch 8 MP
ANPR	
By Camera	All channels
Plate Attributes	Plate number, license plate color, license plate type
Vehicle Attributes	Vehicle brand, vehicle color, vehicle type
Video and Audio	
IP Video Input	32-ch
	Up to 32 MP resolution
	*: NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	8K (7680 x 4320)/30Hz, 4K (3840 x 2160)/60Hz, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz
HDMI 2 Output	4K (3840 x 2160)/60Hz, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz
	*: When HDMI1 output resolution is 8K, the maximum HDMI2 output resolution is 1080p.
VGA 1 Output	1920 x 1080/60Hz
VGA 2 Output	1920 x 1080/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 ohm), resolution: PAL: 704 x 576, NTSC: 704 x 480
Audio Output	2-ch, RCA (Linear, 1 Kohm)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k ohm)
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)/32-ch@2 MP (30fps)

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Synchronous Playback	16-ch
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 / CIF / QCIF
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	ONVIF (profile S/G) , SDK , ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Camera Access Protocol	ONVIF(Version 2.5), RTSP
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
Auxiliary Interface	
Ctrl 12V	Controllable 12 VDC, 1 A power output for external alarm device , The power will be turned on when the alarm output is triggered.
	*: The Ctrl 12V power is controlled by alarm output 9.
DC 12V	12 VDC, 1 A power output
SATA	8 SATA interfaces , 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 16 TB capacity for each disk
Serial Interface	1 RS-232, 1 RS-485 (full-duplex), 1 keyboard
USB Interface	Front panel: 2 x USB 2.0 , Rear panel: 1 x USB 3.0
Alarm In/Out	16/9
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz , Brazilian Portuguese, Indonesian
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	<= 50 W (without HDD)
Working Temperature	-10 to 55degrees C (14 to 131degrees F)
Working Humidity	10 to 90%
Dimension (W x D x H)	445 x 465 x 93 mm (17.5" x 18.3" x 3.7")
	<= 10 kg (without HDD, 28.7 lb.)
Certification	
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS
FCC	Part 15 Subpart B, ANSI C63.4-2014

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CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:201
	9, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx-computers.co.za/HK-303617099-Hikvision-32-ch-2U-8K-DeepinMind-NVR-Buy-p-340468.php>

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