iDS-9632NXI-M16R/X
32-ch 3U 8K DeepinMind NVR





- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Up to 32-ch IP cameras can be connected
- Intelligent analytics based on deep learning algorithm
- Up to 24-ch perimeter protection
- Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture
- Up to 12-ch video structuralization
- Redundant power supply
- Up to 8-ch IP speakers can be connected

▪ Function

Professional and Reliability

1、H.265+ compression effectively reduces the storage space by up to 75%

2、Dual-stream recording saves bandwidth

3、Adopt stream over TLS encryption technology which provides more secure stream transmission service

4、Support double verification for playback and downloading

HD Video Output

1、Provide independent HDMI and VGA outputs

2、HDMI video output at up to 8K resolution or dual 4K resolution

Storage and Playback

1、Up to 16 SATA interfaces for HDD connection

2、Up to 16-ch synchronous playback

Smart & POS Function

1、Support multiple VCA (Video Content Analytics) events

2、Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR (Automatic Number-Plate Recognition), and people counting

3、POS information overlay on live view and playback, and POS triggered recording and alarm

Network & Ethernet Access

1、2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

2、Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

3、Smooth streaming technology

4、Support web access without plug-in

▪ Specification

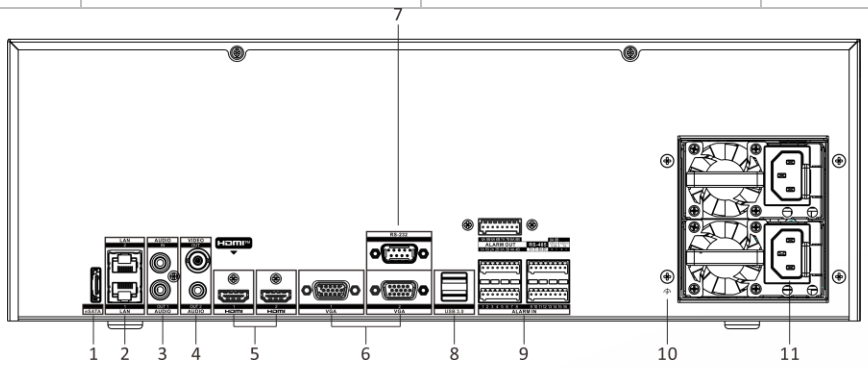
Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, AcuSearch
AI by Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection2.0, ANPR, people counting, VCA
Engine	2, each engine can run an intelligent algorithm, engine mode is adjustable
AcuSearch	
By NVR	Up to 8-ch ,up to 691,200 targets/day
By Camera	All channels, up to 691,200 targets/day The camera should enable AcuSearch function
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	
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
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz *: When HDMI1 output resolution is 8K, the maximum HDMI2 output resolution is 1080p.

Incoming Bandwidth (RAID Mode)	320 Mbps
VGA 1 Output	1920 × 1080/60Hz
Outgoing Bandwidth (RAID mode)	400 Mbps
VGA 2 Output	1920 × 1080/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
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)
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	16 SATA interfaces; 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 20 TB capacity for each HDD
Serial Interface	1 RS-232, 1 RS-485 (full-duplex)
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × 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, redundant power supply
Consumption	≤ 50 W (without HDD)

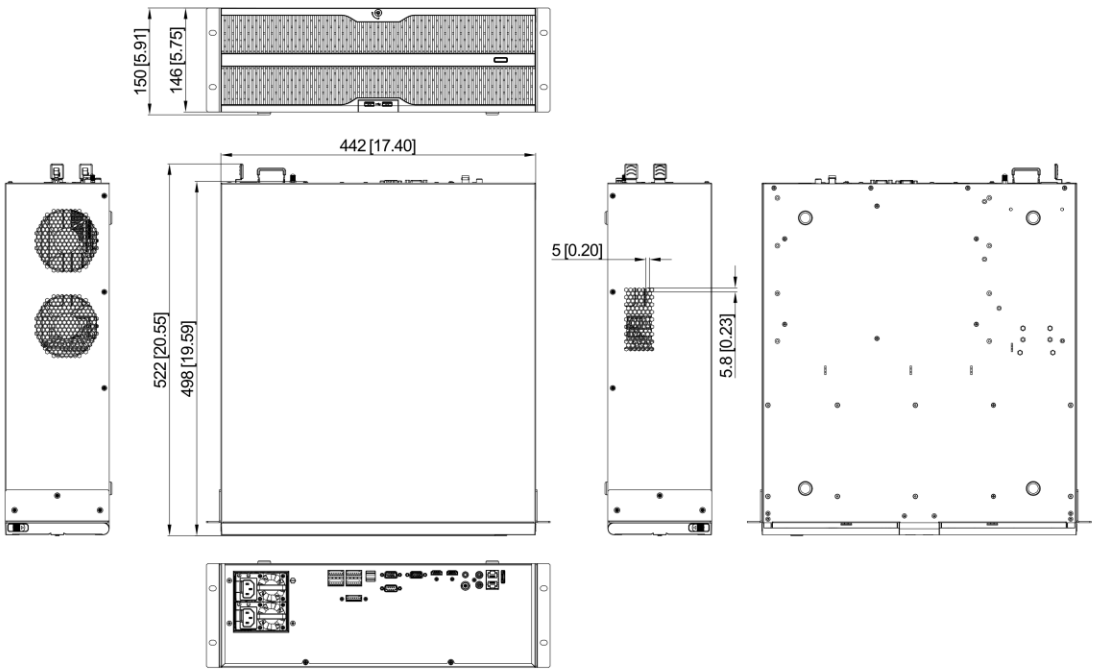
Working Temperature	-10 to 55°C (14 to 131° F)
Working Humidity	10 to 90%
Dimension (W × D × H)	442× 494× 150 mm (17.4"× 19.5" × 5.9")
Weight	≤ 13 kg (without HDD, 28.7 lb.)
Certification	
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

▪ Physical Interface

No.	Description	No.	Description
1	eSATA interface	7	RS-232 Serial interface
2	LAN interfaces	8	USB 3.0 interfaces
3	Audio in and out	9	Alarm in, alarm out, RS-485 serial interface, Ctrl 12V and DC 12V
4	Audio out and video out	10	GND
5	HDMI 1 and HDMI 2 interfaces	11	100 to 240 VAC power supply
6	VGA 1 and VGA 2 interfaces		



▪ Dimension



Unit:mm [inch]

SCALE	1:1

See Far, Go Further

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