iDS-7608NXI-M2/X
8-ch 1U 8K DeepinMind NVR





- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Up to 8-ch IP cameras can be connected
- Intelligent analytics based on deep learning algorithm
- Up to 8-ch perimeter protection
- Up to 8-ch facial recognition for video stream, or up to 8-ch facial recognition for face picture
- Up to 6-ch video structuralization
- 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

Storage and Playback

1、Up to 2 SATA interfaces for HDD connection

2、Up to 8-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

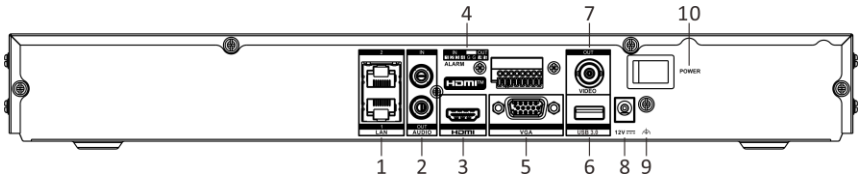
▪ Specification

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	1 engine can run an intelligent algorithm, engine mode is adjustable
AcuSearch	
By NVR	Up to 4-ch, up to 345,600 targets/day
By Camera	All channels, up to 345,600 targets/day The camera should enable AcuSearch function
Perimeter Protection	
By NVR	8-ch 4 MP or 4-ch 8 MP (Without Large Model) 6-ch 2MP or 4-ch 4 MP or 2-ch 8 MP (With Large Model)
By Camera	All channels (powered by Large Model)
Video Structuralization	
Structured Analysis	Up to 6-ch 2 MP or 4-ch 4 MP or 2-ch 8 MP
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	8-ch; Comparison speed: 16 pictures per second
Target Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face ca pture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	Up to 8-ch; Comparison speed: 24 pictures per second
Facial Detection and Analytics Performance	Up to 8-ch 2 MP or 4-ch 4 MP or 2-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	8-ch Up to 32 MP resolution
Incoming Bandwidth	128 Mbps
Outgoing Bandwidth	256 Mbps
Video Output Mode	HDMI/VGA independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
HDMI Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz

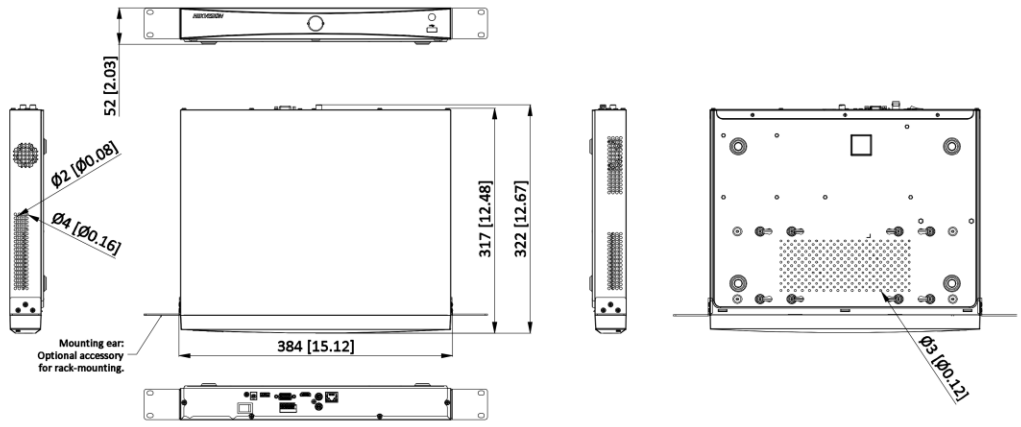
VGA Output	1920 × 1080/60Hz
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)
Synchronous Playback	8-ch
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF
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
Auxiliary Interface	
SATA	2 SATA interfaces; 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 20 TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	4/1
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	12 VDC, 5 A
Consumption	≤ 50 W (without HDD)
Working Temperature	-10 to 55°C (14 to 131° F)
Working Humidity	10 to 90%
Dimension (W × D × H)	385 × 315 × 52 mm (15.2"× 12.4" × 2.0")
Weight	≤ 3 kg (without HDD, 2.2 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	LAN 1 and LAN 2 interfaces	6	USB 3.0 interface
2	Audio in and audio out	7	CVBS video output
3	HDMI interface	8	Power supply
4	Alarm in and alarm out	9	GND
5	VGA output	10	Power switch



▪ Dimension



Unit:mm [inch]

SCALE	1:1

See Far, Go Further

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