iDS-7608NXI-M2/8P/X
DeepinMind M Series NVR



Key Feature

- 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, plug & play with 8 power-over-Ethernet (PoE) interfaces
- 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



Profession and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading
- ANR (Automatic Network Replenishment) technology ensures network camera video storage reliability

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 8K resolution

Storage and Playback

- Up to 2 SATA interfaces for HDD connection
- Up to 8-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR (Automatic Number-Plate Recognition), and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm

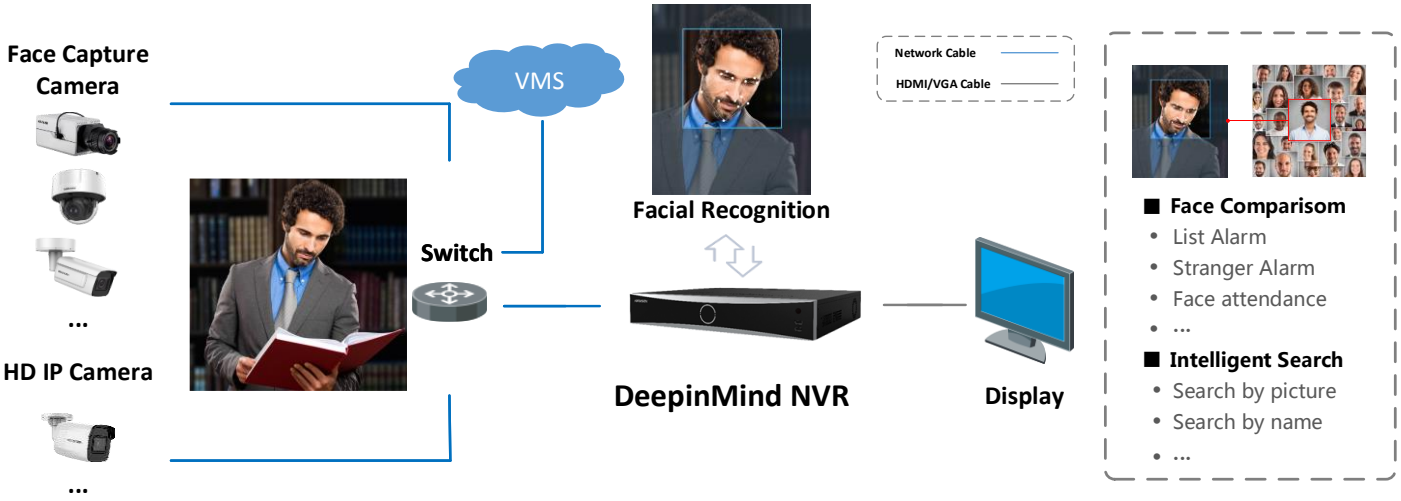
Network & Ethernet Access

- 1 self-adaptive 10M/100M/1000M Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

Typical Application

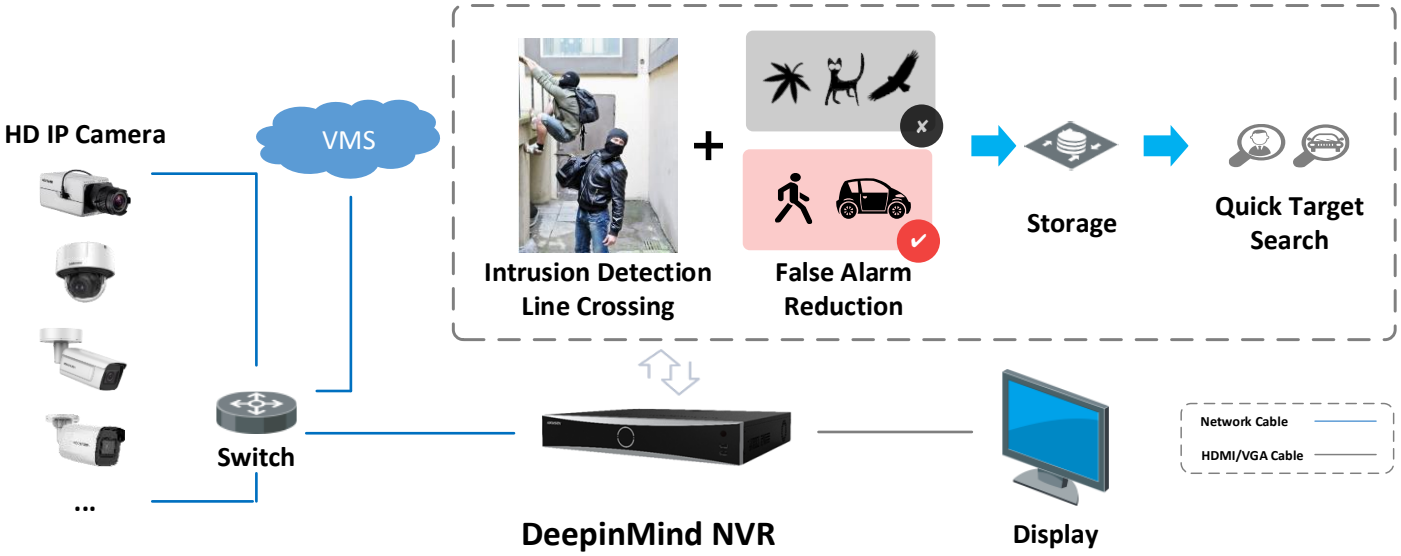
Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Realize list alarm and stranger alarm via face picture library. Search target people by picture and name features.



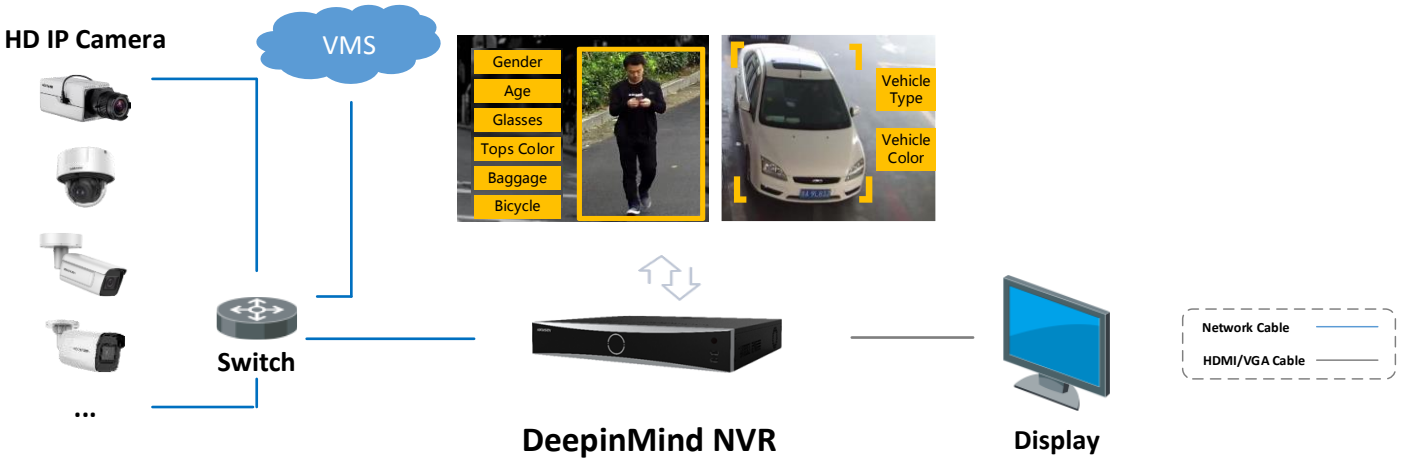
Perimeter Protection

Adopt deep learning algorithm to reduce false alarm, effectively reduces the false alarm caused by tree branches, leaves, shadow, light, vehicles, small animals, etc.



Video Structuralization

Extracting the face picture, human body and vehicle features from live videos, which is used for the tracking and retrieval of human and vehicles.



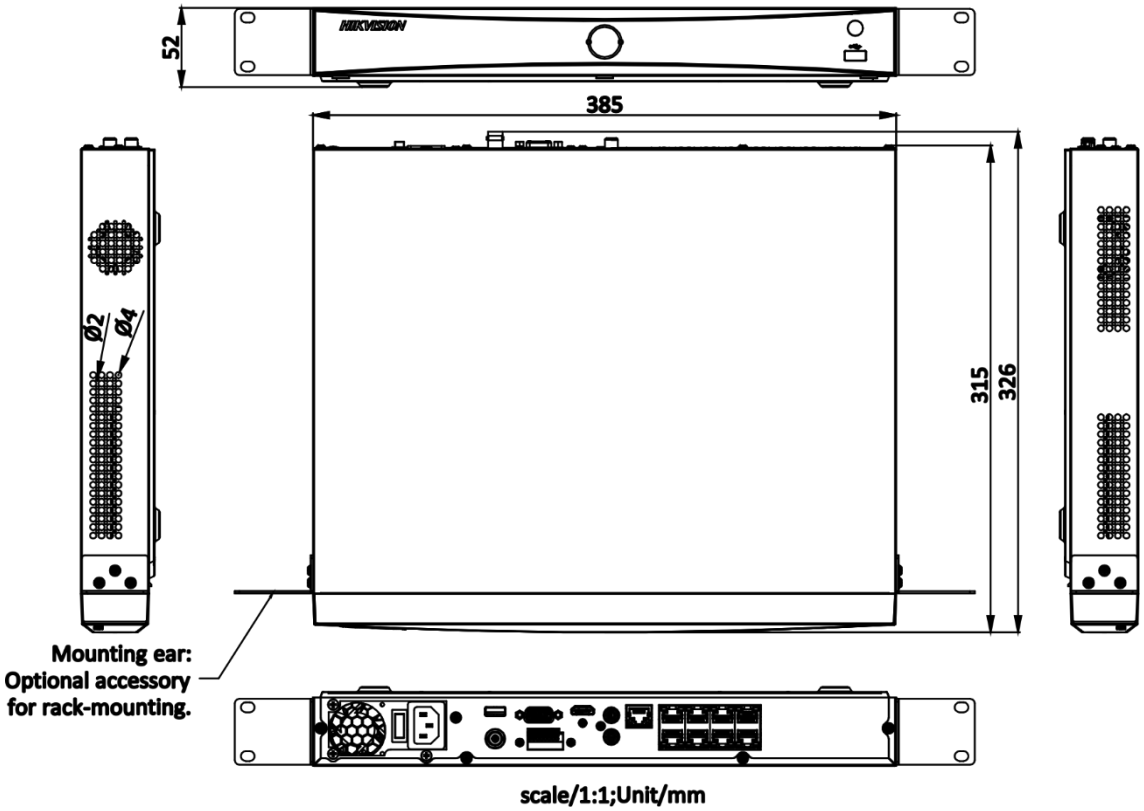
▪ Specification

Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, throwing objects from building
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection2.0, ANPR, people counting, VCA
Engine	1 engine can run an intelligent algorithm, engine mode is adjustable
Facial 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 capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	8-ch; Comparison speed: 24 pictures per second
Facial Detection and Analytics Performance	8-ch 2 MP, up to 8 MP
Perimeter Protection	
By NVR	12-ch 2 MP, up to 8 MP
By Camera	All channels
Video Structuralization	
Structured Analysis	6-ch 2 MP, up to 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 500,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	8-ch; Comparison speed: 16 pictures per second
Throwing Objects from Building	
By NVR	8-ch 2 MP, up to 8 MP
By Camera	All channels
ANPR	
By Camera	All channels
Plate Attributes	Vehicle brand, vehicle color, vehicle type
Vehicle Attributes	Plate number, license plate color, license plate type

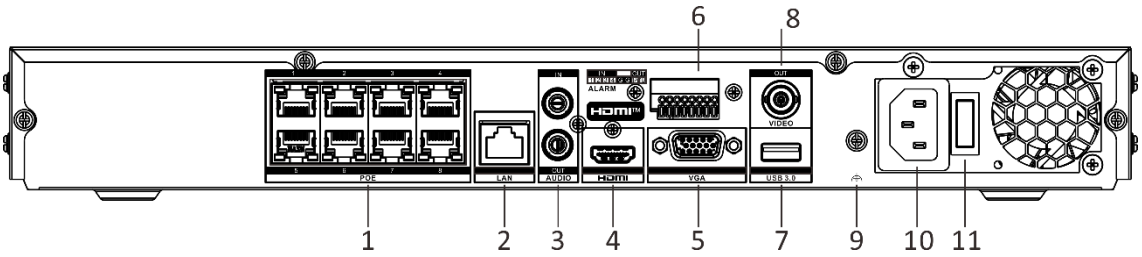
Video and Audio	
IP Video Input	8-ch Up to 32 MP resolution *: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
Incoming Bandwidth	128 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
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)
VGA Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)
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 *: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE	
Interface	8 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Power	≤ 120 W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	2 SATA interfaces; 3.5-inch HDD

eSATA	1 eSATA interface
Capacity	Up to 14 TB capacity for each HDD
Serial Interface	N/A
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	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 50 W (without HDD and PoE off)
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

Dimension


52
385
315
326
Ø2
Ø4
Mounting ear:
Optional accessory
for rack-mounting.
scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	Network interfaces with PoE function	7	USB 3.0 interface
2	LAN interface	8	CVBS video output
3	Audio out and audio in	9	GND
4	HDMI interface	10	100 to 240 VAC power supply
5	Alarm in and alarm out	11	Power switch
6	VGA output		

Available Model

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