

iDS-9632NXI-I8/X DeepinMind Series NVR



Key Features

- H.265+/H.265/H.264+/H.264 Compression
- Intelligent Deep Learning Algorithm Analytics
- Up to 16-ch Perimeter Protection
- Up to 8-ch Video Stream Face Recognition, or up to 16-ch Recognition for Face Picture
- Up to 8-ch Video Structuralization
- Connect Up to 32 IP Cameras
- Up to 16-ch 1080p Decoding Capability

Professional and Reliable

- Dual-Stream Recording Saves Bandwidth
- Secure TLS Stream Encryption
- Double Playback/Downloading Verification

HD Video Output

- Independent HDMI and VGA Outputs
- HDMI Video Output up to 4K Resolution

Storage and Playback

- Up to 8 SATA HDD Interfaces
- Up to 16-ch Synchronous Playback

Smart and POS Functions

- Multiple VCA (Video Content Analytics) Events
- Smart Functions: VCA (Motion, Line Crossing, Intrusion, etc.), Heat Map, LPR (License Plate Recognition), People Counting
- POS Information on Live View/Playback, POS Triggered Recording/Alarm

Network and Internet Access

- 2 Self-Adaptive 10/100/1000 Mbps Ethernet
- Hik-Connect, DDNS (Dynamic Domain Name System)
- Smooth Streaming
- Web Access without Plug-In

Available Model

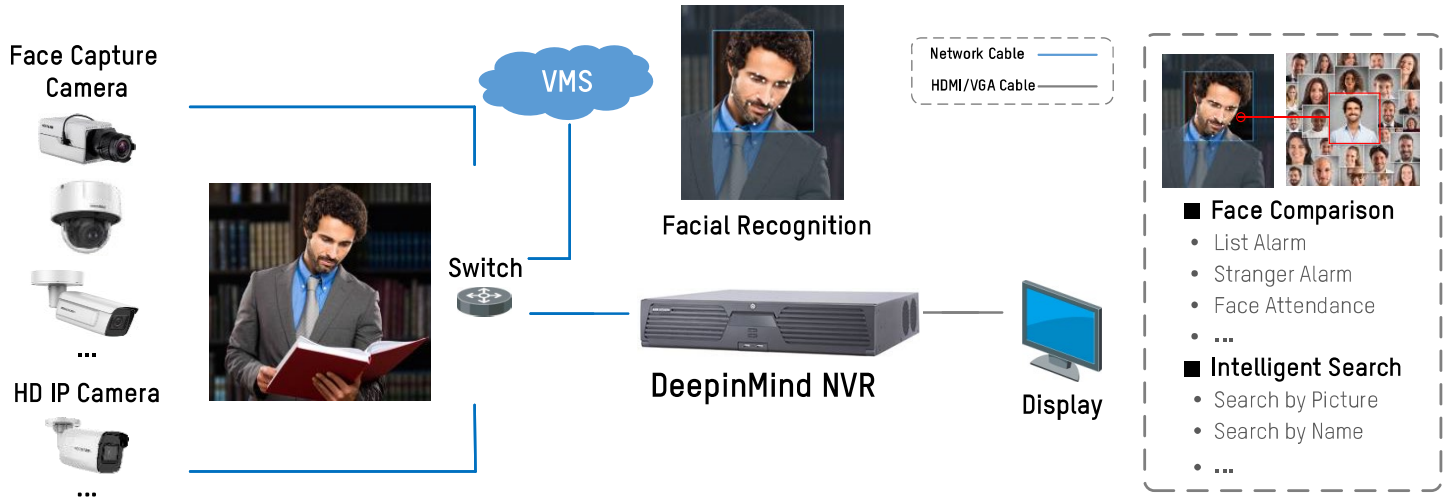
iDS-9632NXI-I8/X



Typical Application

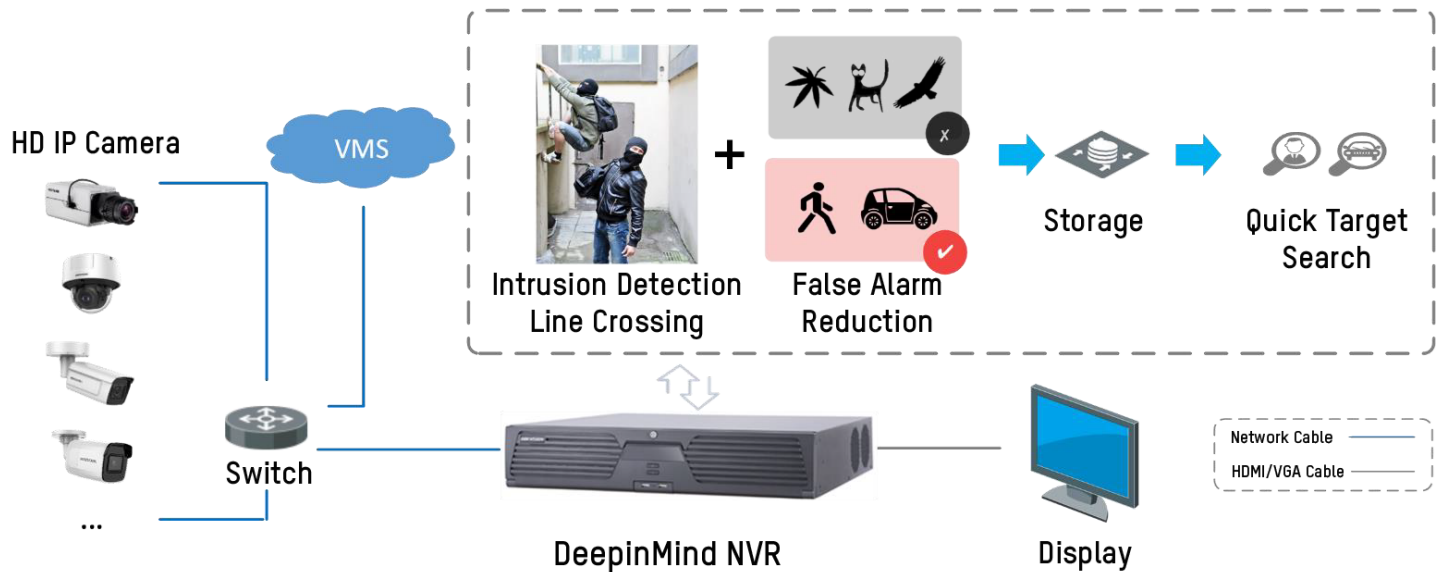
Facial Recognition and Face Picture Comparison

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.



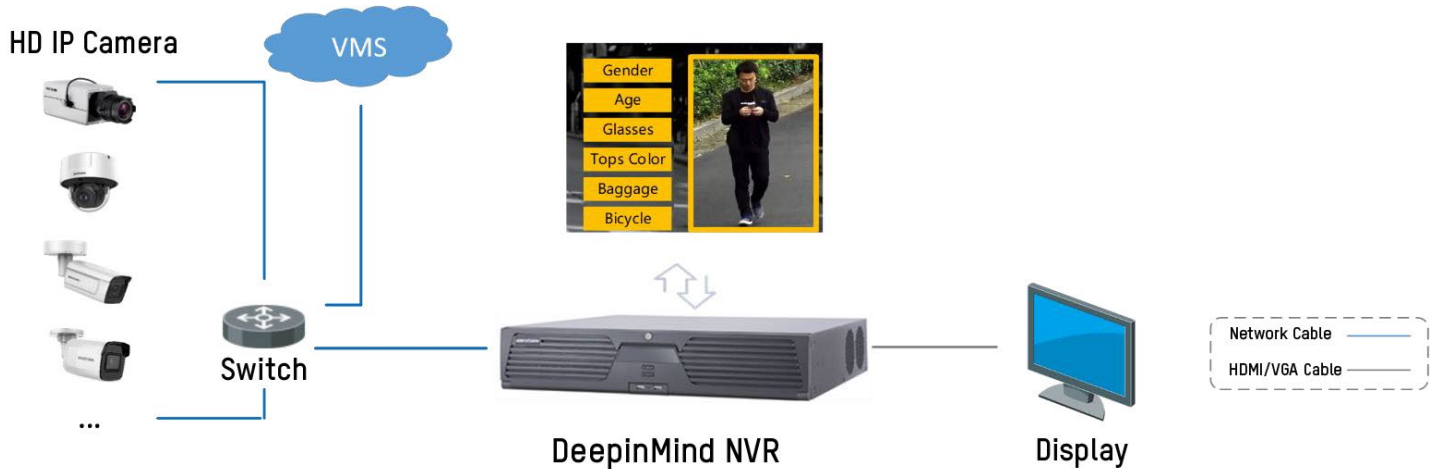
Perimeter Protection

Adopts deep learning algorithm to reduce false alarms, effectively reducing false alarms caused by tree branches, leaves, shadows, lights, vehicles, small animals, etc.



Video Structuralization

Extract face pictures and human bodies from live videos, which are used to track and retrieve humans.



Specifications

iDS-9632NXI-I8/X	
Facial Recognition¹	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	32 face picture libraries, 100,000 face pictures in total (each picture ≤4 MB, total capacity ≤20 GB)
Face Picture Comparison	16-ch face picture comparison alarm
Facial Detection/Analytics Performance	8-ch 8 MP human face capture (HD network camera, H.264/H.265)
Perimeter Protection¹	
False Alarm Reduction	Up to 16-ch 4 MP (HD network camera, up to 8 MP, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarms
Video Structuralization¹	
Structured Analysis	Up to 8-ch 2 MP (HD network camera, up to 8 MP, H.264/H.265) live video structuralization analysis
Face Picture Library	Up to 32 face picture libraries, with up to 100,000 face pictures in total
Face Picture Comparison	8-ch face picture comparison alarm
Video and Audio	
IP Video Input	32-ch Up to 12 MP resolution (* 32 MP and 24 MP is available only for channel 1 when ultra HD resolution mode is enabled)
Incoming/Outgoing Bandwidth	320 Mbps/256 Mbps
Incoming/Outgoing Bandwidth (RAID Mode)	200 Mbps/200 Mbps
HDMI1 Output	1-ch, 4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI2 Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA1 Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA2 Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	N/A
Audio Output	2-ch, RCA (linear, 1K Ω)
Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1K Ω)
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4
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 (* 32 MP and 24 MP are available only for channel 1 when ultra HD resolution mode is enabled)
Synchronous Playback Capability	16-ch
Dual Stream Recording	Supported
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/MP2L2

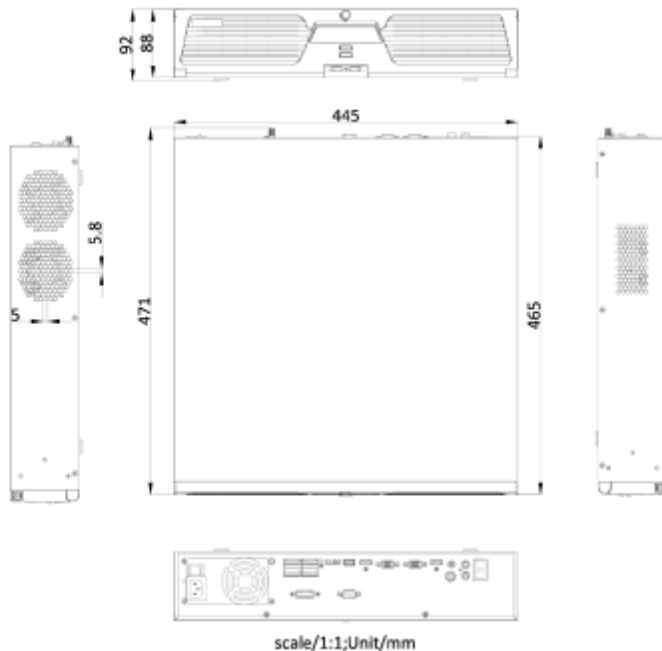
¹ The device has three engine modes: Facial recognition, perimeter protection, and video structuralization, among which no more than two modes can be enabled at the same time. When two modes are enabled, capacity is as follows:

- Perimeter Protection: 8-ch
- Video Structuralization: 2-ch live video structuralization analysis and 4-ch face picture comparison alarm
- Facial Recognition: 4-ch face capture and 8-ch face picture comparison alarm

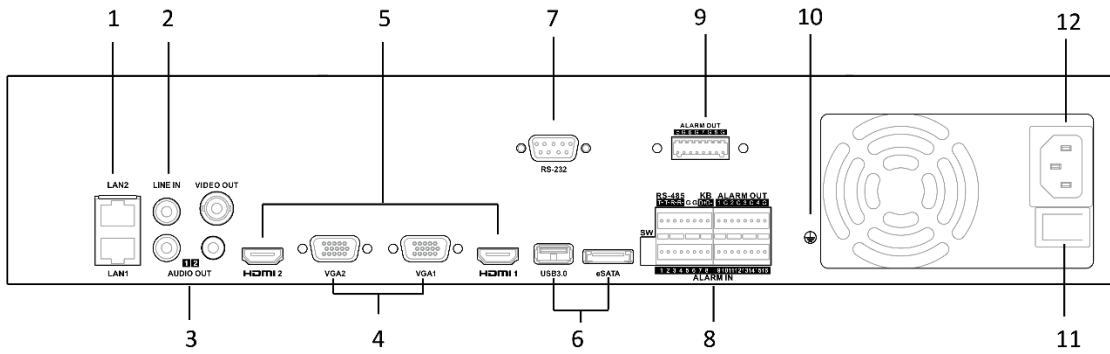
Specifications (continued)

iDS-9632NXI-I8/X	
Network	
Remote Connections	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
RAID	
RAID Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Auxiliary Interface	
Serial Port	RS-232; RS-485; keyboard
SATA	8 SATA interfaces
Capacity	Up to 10 TB capacity for each disk
eSATA	1 eSATA interface
Alarm In/Out	16/8
USB Interface	Front panel: 2x USB 2.0; rear panel: 1x USB 3.0
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption (without HDD)	≤70 W
Working Temperature	-10 to +55° C (+14 to +131° F)
Working Humidity	10% to 90% non-condensing
Dimension (W × D × H)	445 mm × 465 mm × 92 mm (17.5" × 18.3" × 3.6")
Weight (without HDD)	≤10 kg (22 lb)
Certification	
Obtained Certification	FCC, CE, UL, CB, WEEE, BIS, IC, RCM, KC, LOA
	CE EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4
	FCC Part 15 Subpart B, ANSI C63.4-2014

Dimensions



Physical Interface



No.	Description	No.	Description
1	LAN1/LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	ALARM IN/OUT, RS-485, Keyboard
3	AUDIO OUT	9	ALARM OUT
4	VGA1/VGA2 Interface	10	GND
5	HDMI1/HDMI2 Interface	11	Power Switch
6	USB 3.0 and eSATA Interface	12	100 to 240 VAC Power Supply

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