

iDS-96064NXI-I16 (C) DeepinMind NVR

Key Feature

- Up to 24-ch facial recognition for video stream, or up to 48-ch facial recognition for face picture
- Up to 24-ch video structuralization
- Up to 64 libraries and 500,000 face pictures
- Up to 48-ch human and vehicle recognition of perimeter protection to reduce false alarms
- Up to 16-ch throwing objects from building
- Up to 64-ch network camera inputs
- Up to 400 Mbps incoming and outgoing
- Up to 20-ch@1080p decoding capability
- 16 SATA interfaces (up to 10 TB capacity for each HDD)
- HDD hot swapping with RAID 0/1/5/6/10
- Redundant power supply



Profession and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt professional embedded hardware (Intel[®] processor) and software, and pioneering dual-OS design to ensure the reliability
 of system running.
- Redundant power supply ensures system stability
- ANR (Automatic Network Replenishment) technology enhances storage reliability when network exception occurs
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading

Video and Storage

- Compatible with third-party network cameras, such as ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO
- 16 SATA interfaces (up to 10 TB capacity per HDD) and 1 eSATA interface are provided for HDD connection







Network & Ethernet Access

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

Live view and Playback

- Up to 20-ch@1080p decoding for live view
- Up to 16-ch synchronous playback at 1080p resolution
- Dual 4K (4096 × 2160) HDMI outputs

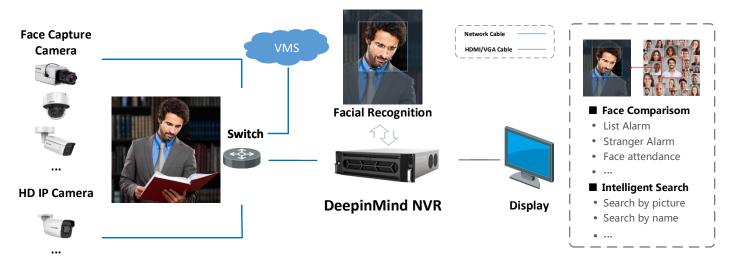
Application and Management

- Centralized management of network cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Configurable network camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, and people counting
- Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison
- VCA search for facial detection, false alarm reduction, people counting and heat map

Typical Application

Facial Recognition and Face Picture Comparison

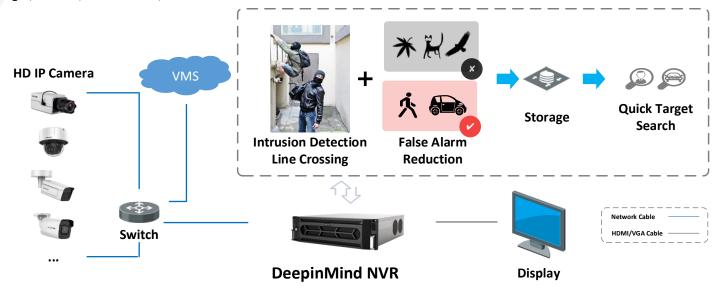
Modeling and analyzing face pictures captured by cameras. Realize list alarm and stranger alarm via face picture library. Search target people by picture and name features.





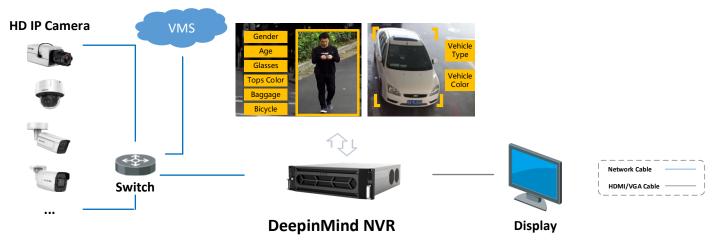
Perimeter Protection

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

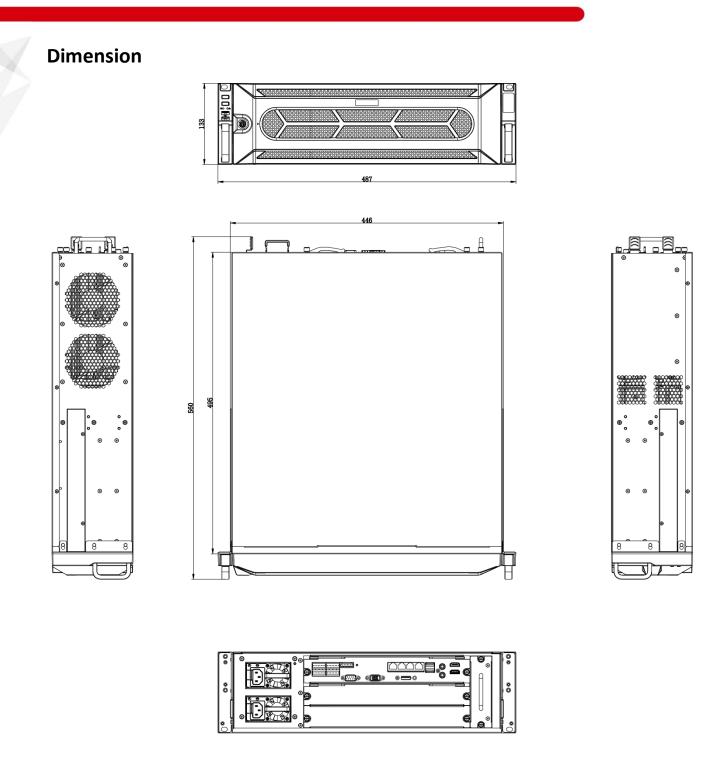
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Capability 1-ch@32 MP (30 fps)/5-ch@8 MP (30 fps)/10-ch@4 MP (30 fps)/20-ch@1080p (30	Synchronous playback					
	Capability					
*: The length or width of camera resolution (each track) cannot exceed 4096 pixels.						
Dual-stream recording Support	Dual-stream recording					



Stream type	Video, Video & Audio				
Audio compression	G.711ulaw/G.711alaw/G.722/G.726/MP2L2				
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	4, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface				
RAID					
RAID Type	RAID0, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each HDD)				
Auxiliary interface					
Serial port	RS-232; RS-485 (full-duplex); Keyboard				
SATA	16 SATA interfaces supporting hot-plug				
Capacity	Up to 10 TB capacity for each disk				
eSATA	1 eSATA interface				
Alarm in/out	16/8				
USB interface	Front panel: 2 × USB 2.0;				
USB Interface	Rear panel: 2 × USB 3.0				
General					
Processor	Dual-Core Intel [®] Core [®] 13				
Memory	8 GB				
Power supply	100 to 240 VAC, 50 to 60Hz, redundant power supply				
Fan	Dual ball bearing fan; Speed adjustable				
Consumption	< 140 W				
(without HDD)	≤ 140 W				
Working temperature	0 °C to 50 °C (32 °F to 122 °F)				
Working humidity	10% to 90%				
Dimension (W × D × H)	446 × 495 × 133 mm (17.6 × 19.5 × 5.2 inch)				
Weight (without HDD)	≤ 20 kg (44 lb)				
Certification					
Obtained Certification	CE, FCC, CB, WEEE				
FCC	Part 15 Subpart B, ANSI C63.4				
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4				

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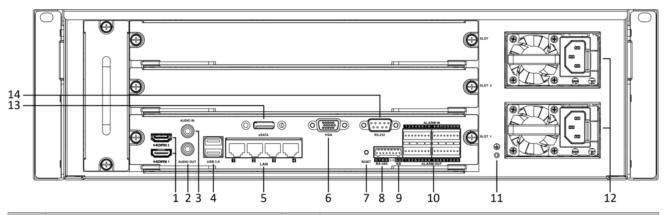




Unit: mm



Physical Interface



No.	Description	No.	Description
1	HDMI 1/HDMI 2 Interface		RS-485 Interface
2	2 AUDIO OUT, RCA Connector		Keyboard Interface
3	AUDIO IN, RCA Connector	10	ALARM IN/OUT
4	USB 3.0 Interface	11	Ground
5	LAN Network Interface	12	100 to 240 VAC Power Supply
6	VGA Interface	13	RS-232 Interface
7	Reset Button	14	eSATA Interface



Available Model

iDS-96064NXI-I16 (C)

Distributed by

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