iDS-9632NXI-I8/BA (C) DeepinMind Series NVR

Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 8-ch facial recognition for people not wearing hard hat
- Up to 8-ch work behavior analysis
- Up to 8-ch street behavior analysis
- Up to 8-ch people counting
- Up to 32-ch IP cameras can be connected
- Up to 16-ch 1080p decoding capability

Professional 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

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- 8 SATA interfaces (up to 10 TB capacity for each HDD)
- Up to 16-ch synchronous playback

Smart & POS Function

- Deep learning based video analytics for not wearing hard hat detection and behavior analysis, including people running detection, people gathering detection, physical conflict detection, playing mobile phone detection, etc.
- POS information overlay on live view and playback, and POS triggered recording and alarm

Network & Ethernet Access

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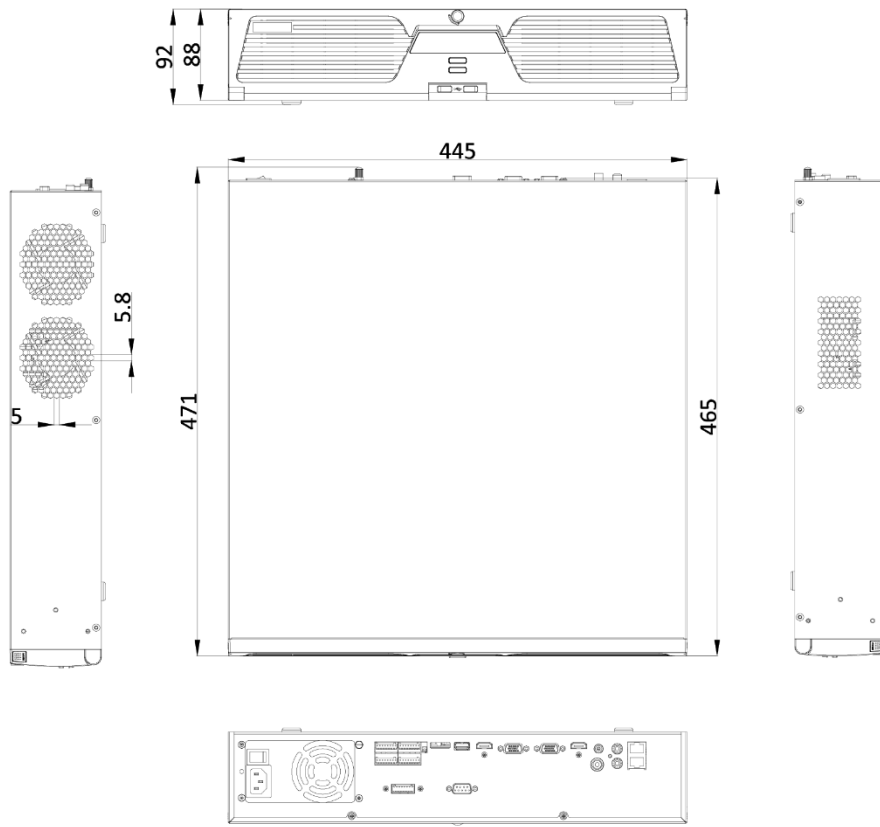- Support web access without plug-in

Specification

Model	iDS-9632NXI-I8/BA
Hard Hat Detection[1]	
Face picture library	Up to 32 face picture libraries, with up to 100,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face picture comparison	Up to 8-ch 4 MP face picture comparison alarm for people not wearing hard hat (HD network camera, up to 8 MP, H.264/H.265)
Work Behavior Analysis[1]	
Work behavior analysis	Up to 8-ch 4 MP, including absence detection, staying overtime detection, number of people exception detection, and playing mobile phone detection (HD network camera, up to 8 MP, H.264/H.265)
Street Behavior Analysis[1]	
Street behavior analysis	Up to 8-ch 4 MP, including people gathering detection, people running detection, physical conflict detection, and people falling down detection (HD network camera, up to 8 MP, H.264/H.265)
People Counting[1]	
People counting	Up to 8-ch 4 MP (HD network camera, up to 8 MP, H.264/H.265), including people counting statistics and regional people counting
Video and Audio	
IP video input	32-ch
	Up to 12 MP resolution *: 32 MP and 24 MP is only available 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, 1 KΩ)
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
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 is only available for channel 1 when ultra HD resolution mode is enabled.
Synchronous playback	16-ch
Capability	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)

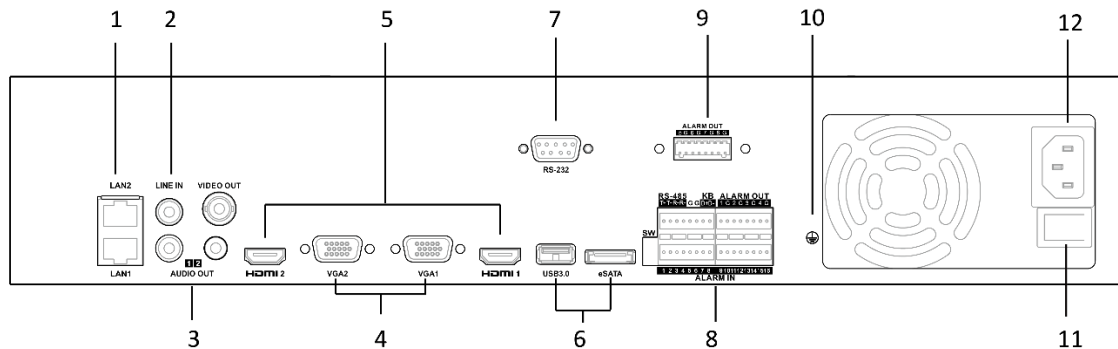|	
Dual stream recording	Support
Stream type	Video, Video & Audio
Audio compression	G.711ulaw/G.711alaw/G.722/G.726/MP2L2
Network	
Remote connections	128
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
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: 2 × USB 2.0; Rear panel: 1 × 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%
Dimension (W × D × H)	445 × 465 × 92 mm (17.5"× 18.3" × 3.6")
Weight (without HDD)	≤ 10 kg (22 lb)
Certification	
Obtained Certification	CE, FCC, CB, WEEE, BIS
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4
FCC	Part 15 Subpart B, ANSI C63.4-2014

1: The device has several engine modes: hard hat detection, work behavior analysis, street behavior analysis and people counting, among which no more two modes can be enabled at the same time.

Dimension

445

92 88

471

465

5.8

5

scale/1:1;Unit/mm

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

Available Model

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