iDS-9632NXI-I8/BA 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 Detection¹	
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 Analysis¹	
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 Analysis¹	
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 Counting¹	
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
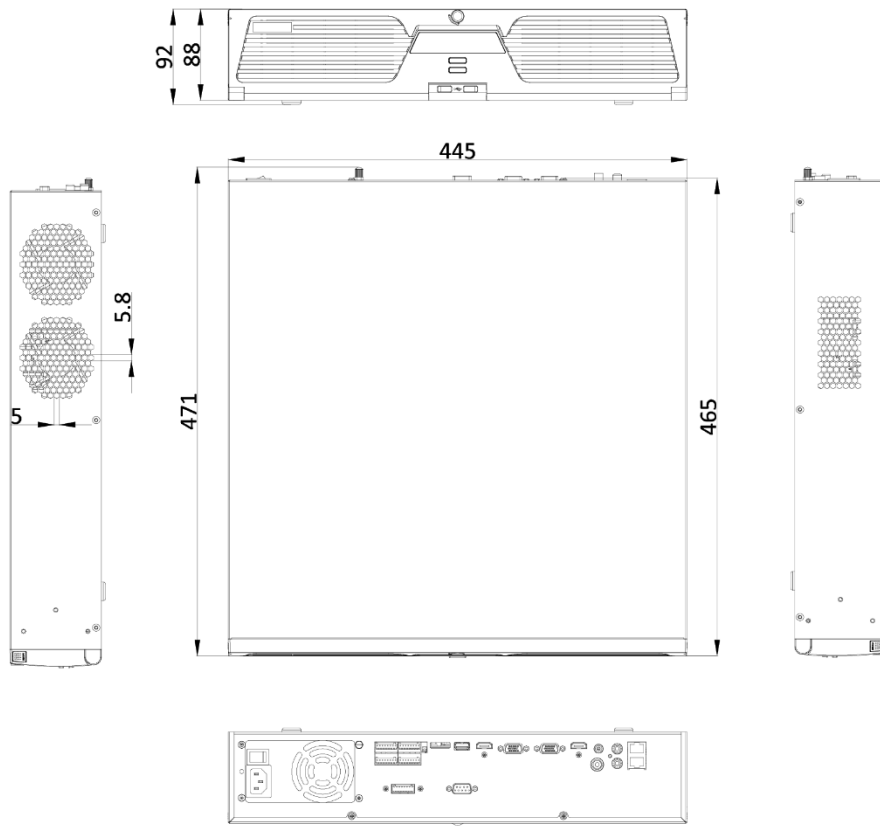
scale/1:1;Unit/mm

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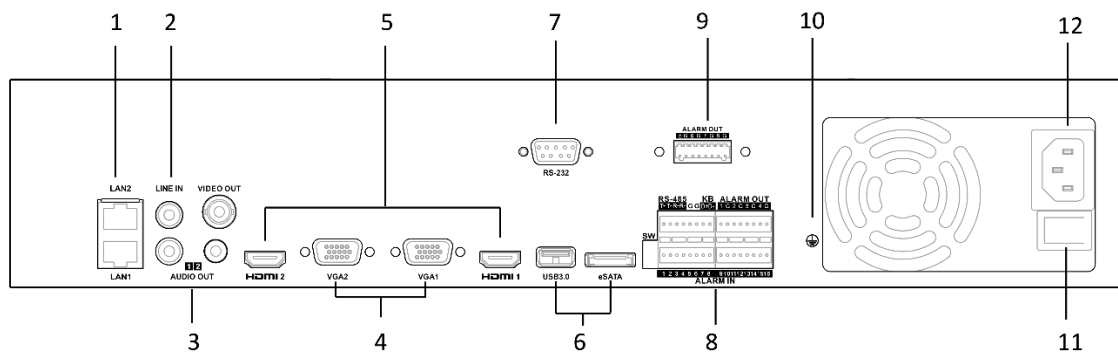
No.	Description	No.	Description
1	LAN1/LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	ALARM IN/OUT, RS-485, Keyboard
3	AUDIO OUT	9	ALARM OUT
4	VGA1/VGA2 Interface	10	GND
5	HDMI1/HDMI2 Interface	11	Power Switch
6	USB 3.0 and eSATA Interface	12	100 to 240 VAC Power Supply

Available Model

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