

iDS-9632NXI-M8/AI(B) NVR DeepinMind



- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Up to 32-ch IP cameras can be connected
- Deep learning based video analytics for not wearing hard hat detection and event detection, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc

▪ Specification

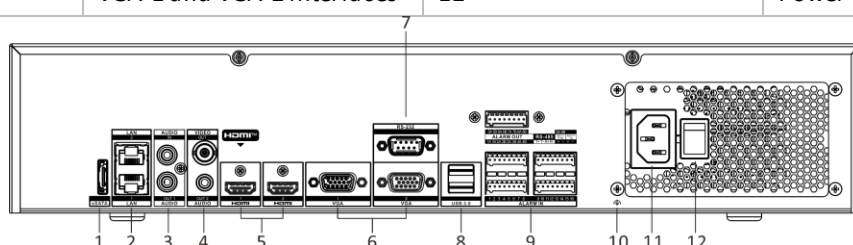
Intelligent Analytics	
AI by NVR	Pre-installed AI Algorithm Package Human (3 Algorithm models) 1. Facial recognition: 2. People counting: regional people counting, people counting statistics 3. PPE: safety helmets and reflective vests detection Vehicle (2 Algorithm models) 1. Vehicle attributes: vehicle brand, vehicle color, vehicle type 2. Non-motorized vehicle detection: motorcycle, bicycles Dangerous Event (2 Algorithm models) 1. Fire and smoke detection 2. Occupation of fire escape Behavior (3 Algorithm models) 1. Street level behavior : falling down detection, people gathering detection, fast moving detection, physical conflict detection 2. Indoor: playing phone, sleeping on duty, absence, number of people allowed, overstaying detection 3. Perimeter: intrusion detection, line crossing detection, region entrance detection, region exiting detection 4. Smoke detection, call detection AIOP (Up to 16 models) Model type: detection model, classification model, mixed model (detection model and classification model) 1 engines in total, One engine can support four algorithm models; each algorithm model supports one real-time video stream analysis or a maximum of 8 auto-switch video analyses (switch time between 10 to 3600 seconds)
Engine	3 * KT2 (2 for live video analysis, 1 for larger model algorithm secondary analysis)
AI Open Platform Performance	
Live Video Analysis	2 engines in total, one engine can support up to 4ch, (4ch@4MP , 2ch@6MP , 1ch@8MP)
Auto-Switch Video Analysis	2 engines in total, one engine can support up to 16ch, (switch time between 10 to 3600 seconds)
Scheduled Capture Analysis	2 engines in total, one engine can support up to 16ch, (switch time between 3 to 3600 seconds)
Offline Picture Analysis	4 image per GPU per second or 1 image per GPU per second (Large model)
Video and Audio	
IP Video Input	32-ch
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	HDMI1 : 8K (7680 × 4320)/30 Hz, 4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1080P (1920 × 1080)/60 Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.

HDMI 2 Output	HDMI2 : 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz
VGA 1 Output	1080P (1920 × 1080)/60 Hz
VGA 2 Output	1080P (1920 × 1080)/60 Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
Audio Output	1-ch, RCA (Linear, 1 K Ω)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080P
Synchronous Playback	16-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	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
Auxiliary Interface	
Ctrl 12V	Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9.
DC 12V	12 VDC, 1 A power output
SATA	8 SATA interfaces; 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 16 TB capacity for each HDD
Serial Interface	1 RS-232, 1 RS-485 (full-duplex)
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0
Alarm In/Out	16/9
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, 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)
Working Temperature	-10 to 55° C (14 to 131° F)
Working Humidity	10 to 90%

Dimension (W × D × H)	442 × 460 × 88 mm
Weight	≤ 9 kg (without HDD)

▪ Physical Interface

No.	Description	No.	Description
1	eSATA interface	7	RS-232 serial interface
2	LAN interfaces	8	USB 3.0 interfaces
3	Audio in and out	9	Alarmin, alarm out, RS-485 serial interface, Ctrl 12V and DC 12V
4	Audio out and video out	10	GND
5	HDMI 1 and HDMI 2 interfaces	11	100 to 240 VAC power supply
6	VGA 1 and VGA 2 interfaces	12	Power switch



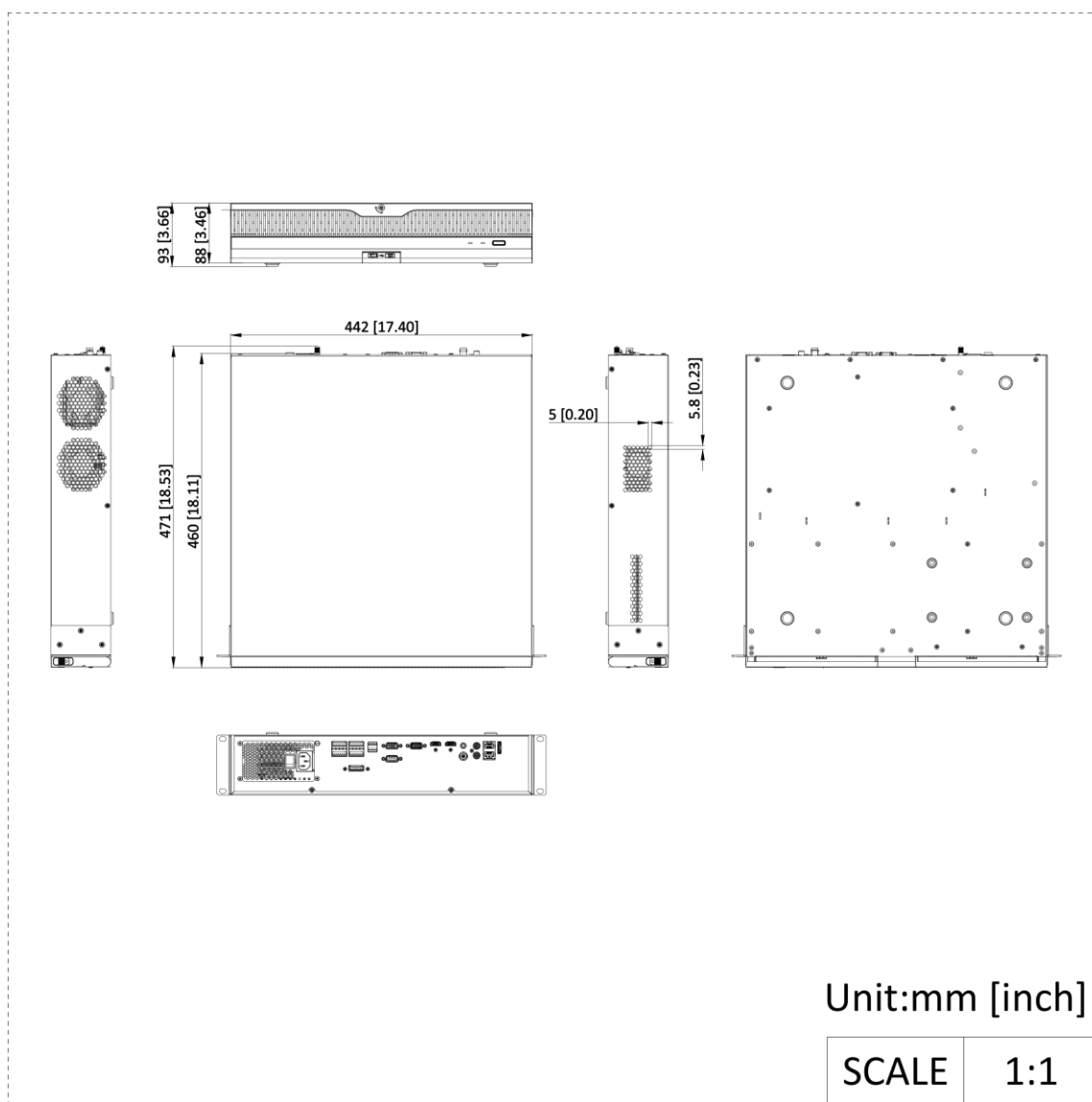
*The physical interface diagram and outline dimension diagram only indicate the location of the power supply and do not represent the actual shape of the power supply.

▪ Available Model

iDS-9632NXI-M8/AI(STD)(B)

iDS-9632NXI-M8/AI(NEU)(B)

▪ Dimension



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