- 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
- Intelligent analytics based on Guanlan Large-Scale AI Models
- Up to 64-ch IP cameras can be connected
- Up to 64-ch AcuSeek and AcuSearch function
- Up to 36-ch perimeter protection
- Up to 24-ch facial recognition for video stream, or up to 64-ch facial recognition for face picture
- Up to 24-ch video structuralization
- Up to 8-ch IP speakers can be connected

■Specification

Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, AcuSearch, AcuSeek
AI by Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection2.0, ANPR, people counting, VCA
Engine	1 GPU Engine, only for AcuSeek and OVD 3 GPU Engines, each engine can run an intelligent algorithm, engine mode is adjustable,performance of each engine (choose 1 from 4): Facial recognition: 8-ch (4MP) video target capture or 32-ch image comparison Perimeter prevention: 12-ch (2MP) video analysis or 32-ch image analysis Video Structuralization: 8-ch (2MP) video structured analysis AcuSearch: support 16-ch (2MP) by NVR Note: To enable AcuSeek, at least one engine must be enabled in AcuSearch mode.
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 32 face picture libraries, up to 100,000 face pictures in list library
Face Picture Comparison (Captured from Camera)	64-ch; (32-ch for each engine); Comparison speed: 32 pictures per second
Facial Detection and Analytics Performance	24-ch(2MP-8ch./4MP-8ch./8MP-4ch. face pictures captured by NVR)
AcuSearch	
By Camera	All channels,up to 600,000 targets/day The camera should enable AcuSearch function
By NVR	Up to 32ch-2MP/16ch-4MP/8ch-8MP normal IP camera access to achieve AcuSearch.(2 GPU engines for target capture, 1 GPU engine for AcuSearch modeling)
AcuSeek	
Performance	The NVR supports 32ch-2MP/16ch-4MP/8ch-8MP normal IP camera access to achieve AcuSeek.(2 GPU engines for target capture, 1 GPU engine for AcuSearch modeling,1 GPU engine for AcuSeek modeling) If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSeek in all channels, capable of modeling 600,000 targets/day.
Search Language	English, French, Italian, German, Polish, Portuguese, Thai, Russian, Arabic, Turkish, Spanish
Perimeter Protection	
By NVR	Perimeter protection powered by Large Model: 24-ch 2 MP or 16-ch 4MP or 8-ch 8MP. (2 GPU engines for live video analysis, 1 GPU engine for lager model algorithm secondary analysis, capable of secondary analysis is 2 events/s) perimeter protection without Large Model: 36-ch 2 MP or 24ch-4MP or 12-ch 8MP
By Camera	Perimeter protection powered by Large Model with AcuSense cameras: All channels
Video Structuralization	
Structured Analysis	24-ch 2 MP 18-ch 4 MP 9-ch 8 MP

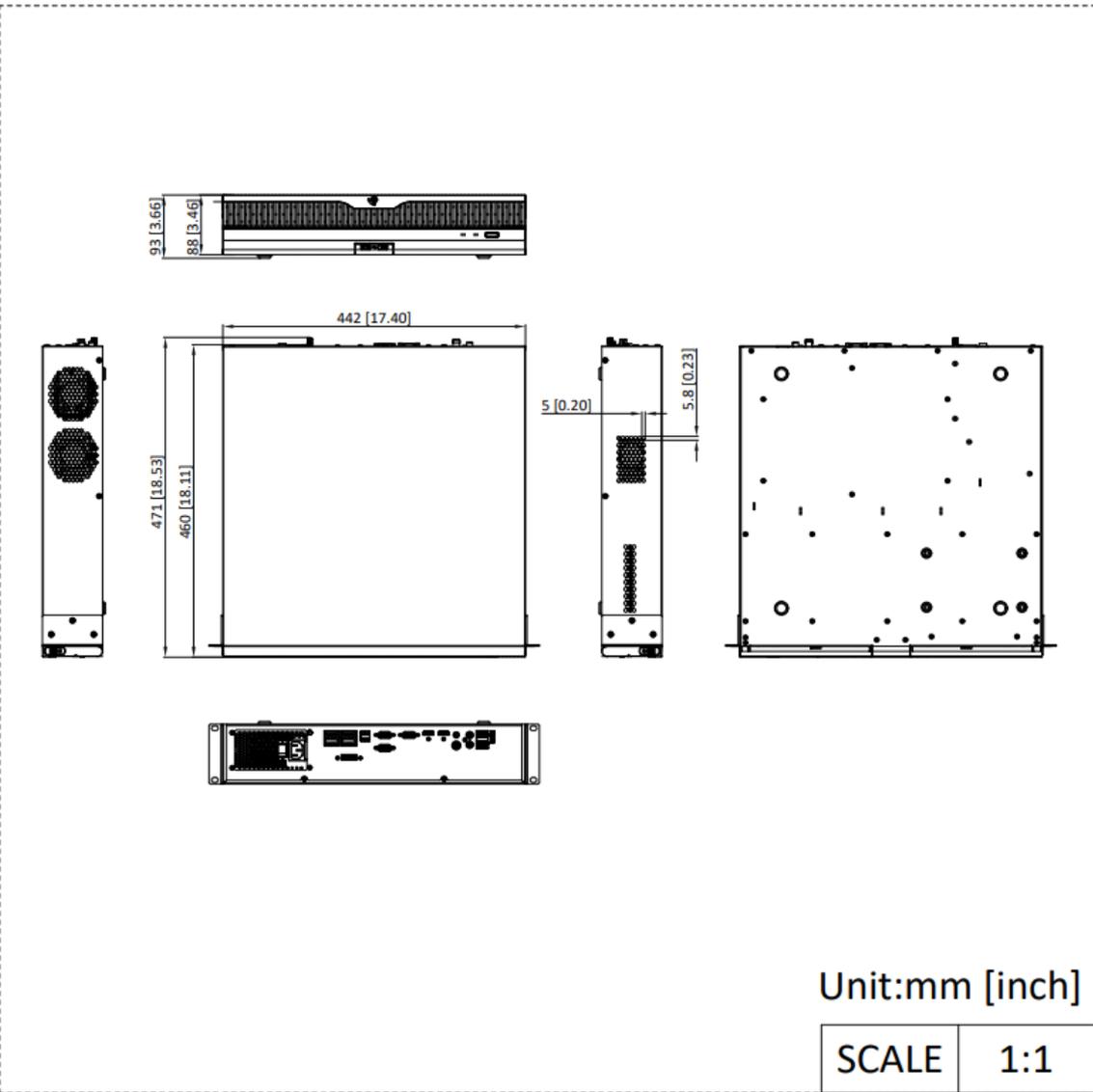| ANPR	
By Camera	All channels Support Countries & Regions: 1. Myanmar, Philippines, Indonesia, Vietnam, Pakistan, New Zealand, Australia, Sri Lanka, Singapore, Malaysia 2. Turkey, Croatia, Slovakia, Czech Republic, Bulgaria, Macedonia, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, The United Kingdom, Ireland, Germany, Italy, Austria, Palestine, Latvia, Lithuania, Estonia, Belgium, Luxembourg, Ukraine, Uzbekistan, Kazakhstan, Mongolia, Moldova, Kyrgyzstan, Azerbaijan, Georgia, Armenia, Albania, Kosovo, Belarus, Cyprus, Denmark, Finland, Malta, Portugal, Romania, Slovenia, Sweden, Israel, Bosnia and Herzegovina, Turkmenistan, Montenegro, Serbia, Tajikistan, Iceland, Liechtenstein 3. Argentina, Brazil, Chile, Colombia, Peru, Ecuador, Paraguay, Uruguay, Salvador, Bolivia, Canada, Algeria, Mexico, Panama, Costa Rica, Nigeria, Kenya, Mauritius, Tanzania, Cote d'Ivoire, South Africa, Tunisia, Sierra Leone, Zambia, Ghana, Zimbabwe, Uganda, Angola, Ethiopia, Republic of Trinidad and Tobago, Dominica, Guatemala, Senegal, Algeria, Cameroon 4. Qatar, Kuwait, Oman, Jordan, Lebanon, Iraq, United Arab Emirates, Saudi Arabia, Bahrain, Egypt, Libya
Vehicle Attributes	Vehicle brand, vehicle color, vehicle type
Plate Attributes	Plate number, license plate color, license plate type
Video and Audio	
IP Video Input	64-ch Up to 32 MP resolution *: NVR supports up to 8-ch 32 MP/24 MP IP video inputs.
Incoming Bandwidth	400 Mbps
Outgoing Bandwidth	400 Mbps
HDMI 1 Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz *: When HDMI1 output resolution is 8K, the maximum HDMI2 output resolution is 1080p.
VGA 1 Output	1920 × 1080/60Hz
VGA 2 Output	1920 × 1080/60Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)
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	2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)/32-ch@2 MP (30fps)
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
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF, OTAP

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 20 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,Hebrew,Farsi,Azeri,Burmese
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 × 540 × 88 mm (17.4"× 18.0" × 3.5")
Weight	≤ 8 kg (without HDD, 17.6 lb.)
Certification	
Obtained Certification	CE, IC, CB, Rohs, Reach, WEEE, RCM, UKCA, LOA
CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

■Available Model

iDS-9664NXI-P8(STD)

iDS-9664NXI-P8(NEU)

■ Dimension

93 [3.66]

88 [3.46]

442 [17.40]

471 [18.53]

460 [18.11]

5 [0.20]

5.8 [0.23]

Unit:mm [inch]

| SCALE | 1:1 |