

iDS-7  
Deep



- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on Guanlan Large-Scale AI Models
- Up to 16-ch IP cameras can be connected
- Up to 16-ch AcuSeek and AcuSearch function
- Up to 16-ch perimeter protection
- Up to 16-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture
- Up to 16-ch video structuralization
- Up to 8-ch IP speakers can be connected

## ■ Specification

<b>Intelligent Analytics</b>	
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	<ol style="list-style-type: none"> <li>1. One GPU Engine, only for AcuSeek modeling and OVD (two algorithm enable at the same time)</li> <li>2. One GPU Engine, can run an intelligent algorithm, engine mode is adjustable, performance of each GPU engine (choose 1 from 4): Facial recognition: 8-ch (4MP) video target capture or 16-ch image comparison Perimeter protection: 12-ch (2MP) video analysis or 16-ch image analysis Video Structuralization: 8-ch (2MP) video structured analysis AcuSearch: support 8-ch (2MP) by NVR, all channels AcuSearch modeling and 8 face picture modeling.</li> </ol>
<b>Facial Recognition</b>	
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)	16-ch; (16-ch for each engine); Comparison speed: 16 pictures per second
Facial Detection and Analytics Performance	Supported face capture channels: up to 2MP-8ch / 4MP-8ch / 8MP-4ch.
<b>AcuSearch</b>	
By Camera	<ol style="list-style-type: none"> <li>1. All channels, up to 300,000 targets per day</li> <li>2. The camera should enable AcuSearch function</li> <li>3. Face comparison speed: 8 pictures per second.</li> </ol>
By NVR	<ol style="list-style-type: none"> <li>1. Up to 8ch-2MP / 4ch-4MP / 2ch-8MP normal IP camera access to achieve AcuSearch.</li> <li>2. One GPU engine for target capture and AcuSearch modeling.</li> <li>3. Face comparison speed: 8 pictures per second.</li> </ol>
<b>AcuSeek</b>	
Performance	<ol style="list-style-type: none"> <li>1. The NVR supports 8ch-2MP / 4ch-4MP / 2ch-8MP normal IP cameras access to achieve AcuSeek.</li> <li>2. One GPU engine for AcuSeek modeling</li> <li>3. If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSeek in all channels, capable of modeling 300,000 targets per day.</li> </ol>
Search Language	English, French, Italian, German, Polish, Portuguese, Thai, Russian, Arabic, Turkish, Spanish
<b>Perimeter Protection</b>	
By NVR	Perimeter protection without Large Model: 12ch 2 MP or 8ch-4MP or 4-ch 8MP
By Camera	Perimeter protection powered by Large Model with AcuSense cameras: All channels
<b>Video Structuralization</b>	
Structured Analysis	8-ch 2 MP 6-ch 4 MP 3-ch 8 MP
<b>ANPR</b>	
By Camera	All channels
Plate Attributes	Plate number, license plate color, license plate type
Vehicle Attributes	Vehicle brand, vehicle color, vehicle type

<b>Video and Audio</b>	
IP Video Input	16-ch Up to 32 MP resolution *: NVR supports up to 8-ch 32 MP / 24 MP IP video inputs.
Incoming Bandwidth	256 Mbps
Outgoing Bandwidth	256 Mbps
HDMI 1 Output	8K□7680×4320□/30Hz□4K□3840×2160□/60Hz□4K□3840×2160□/30Hz□2K□2560×1440□/60Hz□1080P□1920×1080□/60Hz
HDMI 2 Output	4K□3840×2160□/60Hz□4K□3840×2160□/30Hz□2K□2560×1440□/60Hz□1080P□1920×1080□/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.
VGA Output	1080P (1920 × 1080)/60 Hz
Video Output Mode	HDMI1/VGA simultaneous output HDMI2/VGA independent output
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
<b>Decoding</b>	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@16 MP (30 fps)/8-ch@8 MP (30 fps)
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
<b>Network</b>	
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	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>PoE</b>	
Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 200 W
Standard	IEEE 802.3 af/at
<b>Auxiliary Interface</b>	
SATA	4 SATA interface
Capacity	Up to 20 TB capacity for each HDD
Serial Interface	1 RS-232, 2 RS-485 (half-duplex)
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	16/4
<b>General</b>	
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
Working Temperature	-10 to 55° C (14 to 131° F)
Working Humidity	10 to 90%
Dimension (W × D × H)	440 × 390 × 72 mm (17.32"× 15.35"× 2.83")
Weight	≤ 5 kg (without HDD, 11 lb.)
<b>Certification</b>	
Obtained Certification	CE, CB, RCM, LOA, ROHS, WEEE, REACH, □□□□

CE

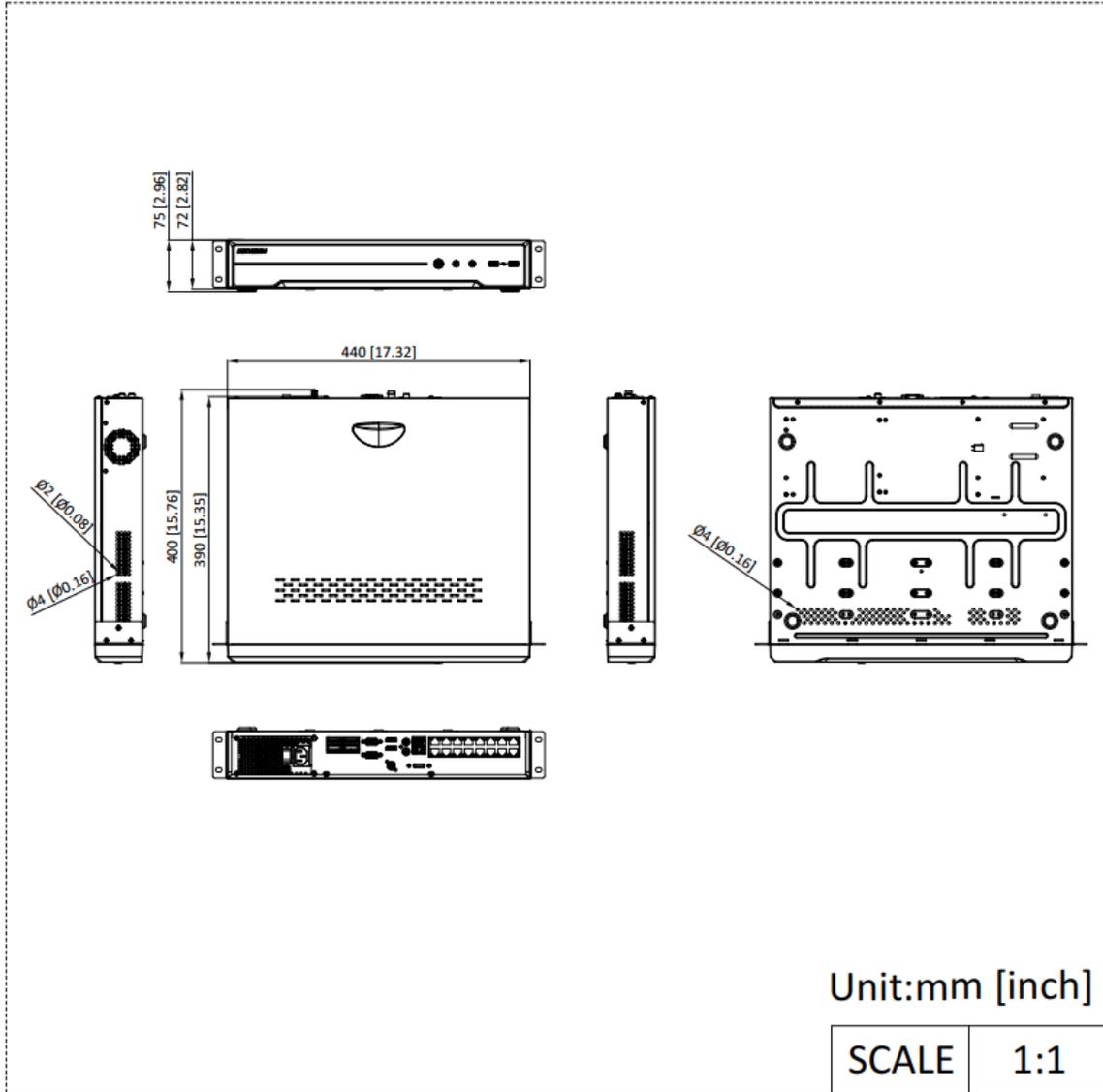
EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

■ Available Model

iDS-7716NXI-P4/16P(STD)

iDS-7716NXI-P4/16P(NEU)

■ Dimension





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