DS-8616NXI-I8/VPro
I/VPro Series NVR with AcuSeek





- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on Guanlan Large-Scale AI Models
- Up to 16-ch AcuSeek and AcuSearch function
- Up to 8-ch facial recognition for face picture
- Up to 16-ch IP camera inputs
- Up to 32-ch 1080p decoding capability
- Up to 8-ch IP speakers can be connected

▪ Function

Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel IP cameras connection

HD Video Output

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

Storage and Playback

- Up to 8 SATA interfaces for HDD connection
- 16-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Integrates SmartSearch, AcuSearch, and AcuSeek functions for optimized playback efficiency
- POS triggered recording and alarm, POS information overlay on live view and playback

Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect for easy network management

▪ Specification

Intelligent Analytics	
AI by NVR	Facial recognition,perimeter protection,motion detection 2.0
AI by NVR and Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection 2.0, ANPR, people counting, AcuSeek
Engine	2 engines. 1 is for face picture and AcuSearch. 1 is for AcuSeek
AcuSearch	
Performance	1.If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSearch in all channels, capable of modeling 300,000 targets/day. 2.If the cameras support face capture, support 8-ch Face Picture Comparision
AcuSeek	
Performance	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/day.
Search Language	English, French, Italian, German, Polish, Portuguese, Thai, Russian, Arabic, Turkish, Spanish, Dutch, Romanian, Czech, Swedish, Croatian, Latvian, Ukrainian, Hungarian, Danish, Japanese, Korean, Vietnamese, Indonesian, Brazilian Portuguese, Traditional Chinese
Perimeter Protection	
By NVR	4-ch, 2 MP (H.264/H.265) video analysis
By Camera	All channels
Facial Recognition	
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)
Face Picture Comparison	8-ch
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, 4-ch 2MP, 2-ch 4MP, 1-ch 8MP, H.264/H.265)
Motion Detection 2.0	
By NVR	All channels for Hikvision cameras
By Camera	All channels

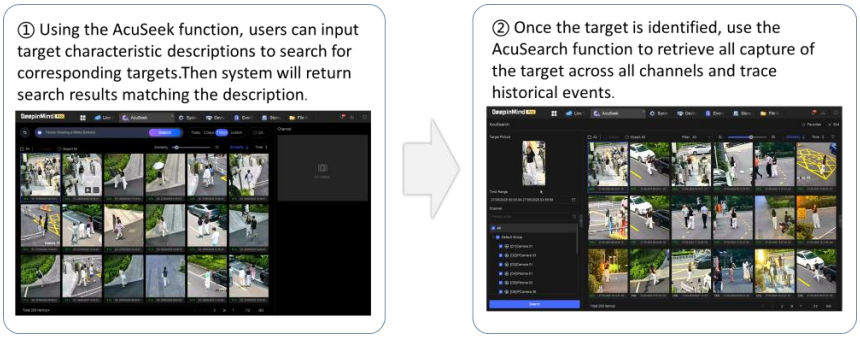
ANPR	
By Camera	All channels Support Countries & Regions: 1.Myanmar,Philippines,Indonesia,Vietnam,Pakistan,New Zealand,Australia,Sri Lanka,Singapore,Malaysia 2.Turkey,Croatia,Slovakia,Czech Republic,Bulgaria,Macedonia,Hungary,Greece,Poland,France,Netherlands,Switzerland,Spain,The United Kingdom,Ireland,Germany,Italy,Austria,Palestine,Latvia,Lithuania,Estonia,Belgium,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,EthiopiaRepublic 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	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type
Devices and Servers	
Heat Map Cameras	heatmap data record and presentation
Video and Audio	
IP Video Input	16-ch
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	256 Mbps
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output
CVBS Output	NA
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI 1 Output	4K (3840×2160) /30Hz , 2K (2560×1440) /60Hz , 1080P (1920×1080) /60Hz , 720P (1280×720) /60Hz
HDMI 2 Output	1080P (1920×1080) /60Hz , 720P (1280×720) /60Hz
VGA 1 Output	1080P (1920×1080) /60Hz , 720P (1280×720) /60Hz
VGA 2 Output	1080P (1920×1080) /60Hz , 720P (1280×720) /60Hz
Decoding	
Decoding Format	H.265+, H.265, H.264+, H.264
Recording Resolution	32 MP/24 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: Support resolution width/height less than 8192 pixels, total not exceeding 32MP. *: The NVR supports up to 4-ch of >12MP IP video input.
Synchronous playback	16-ch

Live View Window Division	1/2/4/6/8/9/16
Aux Port Window Division	1/2/4/6/8/9/16
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) 1-ch@32 MP (30 fps); 1-ch@24 MP (30 fps); 2-ch@16MP (30 fps); 3-ch@12MP (30 fps);5-ch@8 MP (30 fps); 6-ch@6 MP (30 fps);8-ch@5 MP (30 fps);10-ch@4 MP (30 fps);16-ch@2 MP (30 fps); Disable AI by NVR: 32-ch@1080p (30 fps) 2-ch@32 MP (30 fps); 2-ch@24 MP (30 fps); 4-ch@16MP (30 fps); 5-ch@12MP (30 fps);8-ch@8 MP (30 fps); 10-ch@6 MP (30 fps); 12-ch@5 MP (30 fps); 16-ch@4 MP (30 fps);
Dual-Stream Recording	Support
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM
Stream Type	Video, Video & Audio
Network	
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, 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
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10 The RAID function and AI functions cannot be enabled simultaneously.
Auxiliary Interface	
Serial Interface	1 RS-232, 1 RS-485 (full-duplex)
SATA	8 SATA interfaces, Hot swap.
Capacity	Up to 20 TB capacity for each disk
Alarm In/Out	16/9
eSATA	1 eSATA interface
USB Interface	Front panel: 2× USB 2.0; Rear panel: 2 × USB 3.0
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
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz , Brazilian Portuguese, Indonesian, Hebrew
Consumption	≤ 50 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	441 x 457 x 91 mm (17.35" x 17.99" x 3.57")
Weight	≤7.1 kg (without HDD, 15.65 lb.)

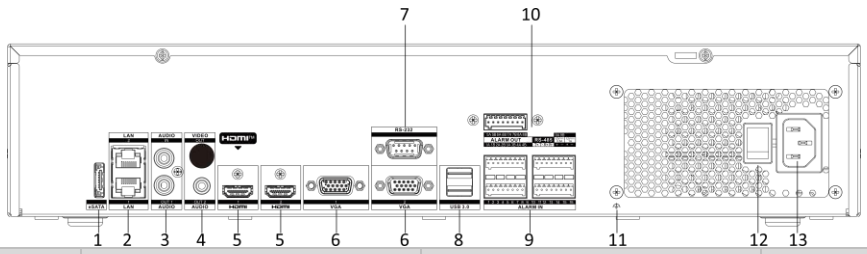
Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, RCM,IC,LOA,KC
CE	EN 55032, EN 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4

▪ Typical Application

Typical Application

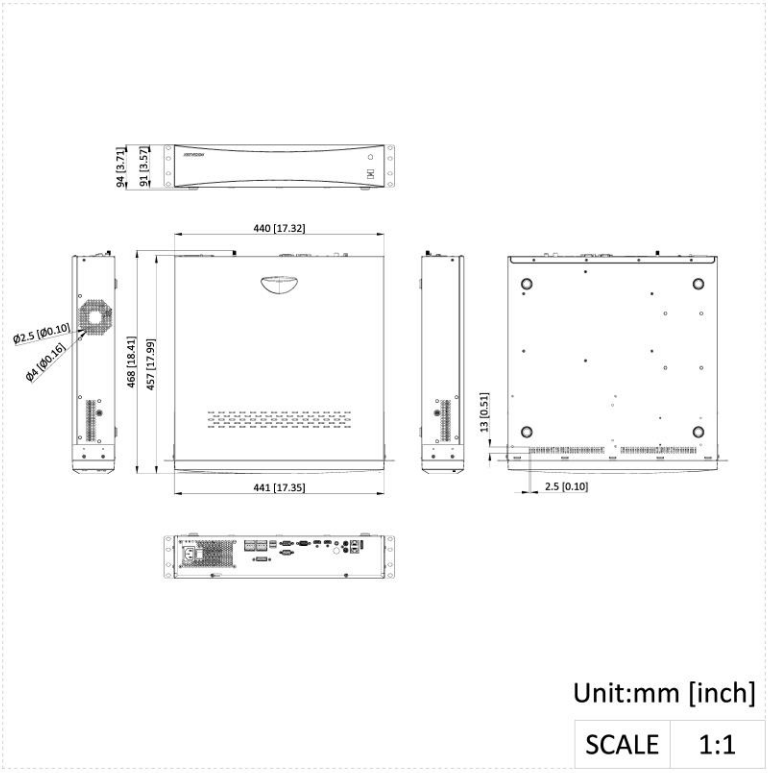


▪ Physical Interface



No.	Description	No.	Description
1	eSATA interface	8	USB 3.0 interface
2	LAN1/LAN2 interface	9	ALARM IN
3	AUDIO IN/OUT	10	ALARM OUT, RS-485, Ctrl 12 V and DC 12 V
4	AUDIO/VIDEO OUT	11	GND
5	HDMI1/HDMI2 interface	12	Power switch
6	VGA1/VGA2 Interface	13	100 to 240 VAC power supply
7	RS-232 interface		

▪ Dimension



Unit:mm [inch]

SCALE	1:1

See Far, Go Further

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