HIKVISION

DS-7716NXI-I4/16P/VPro
AcuSeek NVR

- 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 16-ch facial recognition for face picture

- Up to 16-ch IP camera inputs

- Up to 32-ch 1080p decoding capability

▪ **Function**

Compression and Recording

  H.265+ compression effectively reduces the storage space by up to 75%

  Full channel IP cameras connection

  Compatible to third-party network cameras

HD Video Output

  Provide independent HDMI and VGA outputs

  HDMI video output at up to 4K resolution

Storage and Playback

  Up to 2 SATA interfaces for HDD connection

  8-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

  8 independent PoE network interfaces

  1 self-adaptive 10/100/1000 Mbps Ethernet interfaces

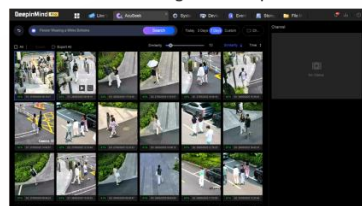 Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

▪ Specification

Intelligent Analytics	
AI by NVR	Facial recognition
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
Facial Recognition	
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 512 KB, 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, up to 8 MP, H.264/H.265)
AcuSearch	
Performance	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.
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
ANPR	
By Camera	All channels
Vehicle Attributes	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type
Video and Audio	
IP Video Input	16
Incoming Bandwidth	192 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	HDMI1: 4K (3840 × 2160) / 30 Hz, 2K (2560 × 1440) / 60 Hz, 1920 × 1080 / 60 Hz, 1280 × 720 / 60 Hz HDMI2: 1920 × 1080 / 60 Hz, 1280 × 720 / 60 Hz
VGA Output	1920 × 1080/60Hz,, 1280 × 720/60Hz
Video Output Mode	HDMI/VGA independent output
CVBS Output	NA
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding	
Decoding Format	H.265,H.265+,H.264,H.264+,MPEG4
Recording Resolution	32MP/24MP/12MP/8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	16-ch
Dual-Stream Recording	Support
Live View Window Division	1/4/6/8/9/16

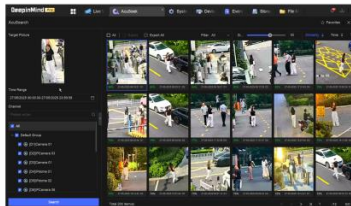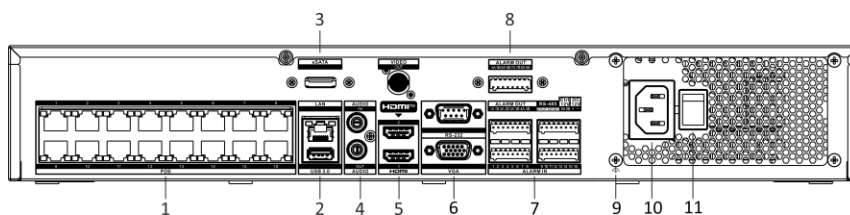| Stream Type	Video, Video & Audio
Aux Port Window Division	1/4/6/8/9/16
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps)
	Disable AI by NVR: 32-ch@1080p (30 fps)
Audio Compression	G.711ulaw,G.711alaw,G.722,G.726,MP2L2
Network	
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE	
Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 200W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	4 SATA interfaces
Capacity	Up to 20 TB capacity for each disk
Serial Interface	2 RS-485 (half-duplex), 1 RS-232
Alarm In/Out	16/9
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
General	
Power Supply	≤ 200 W
Consumption	≤ 50W
Working Temperature	-10℃ ~ +55℃
Working Humidity	10% ~ 90%
Chassis	1.5U
Dimension (W × D × H)	440 x 391 x 72 mm (17.32" x 15.39" x 2.81")
Weight	≤5 kg (without HDD, 11.02 lb.)
Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, RCM,IC,LOA,KC
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

▪ Typical Application

Typical Application

① Using the AcuSeek function, users can input target characteristic descriptions to search for corresponding targets.Then system will return search results matching the description.

② Once the target is identified, use the AcuSearch function to retrieve all capture of the target across all channels and trace historical events.

▪ Physical Interface

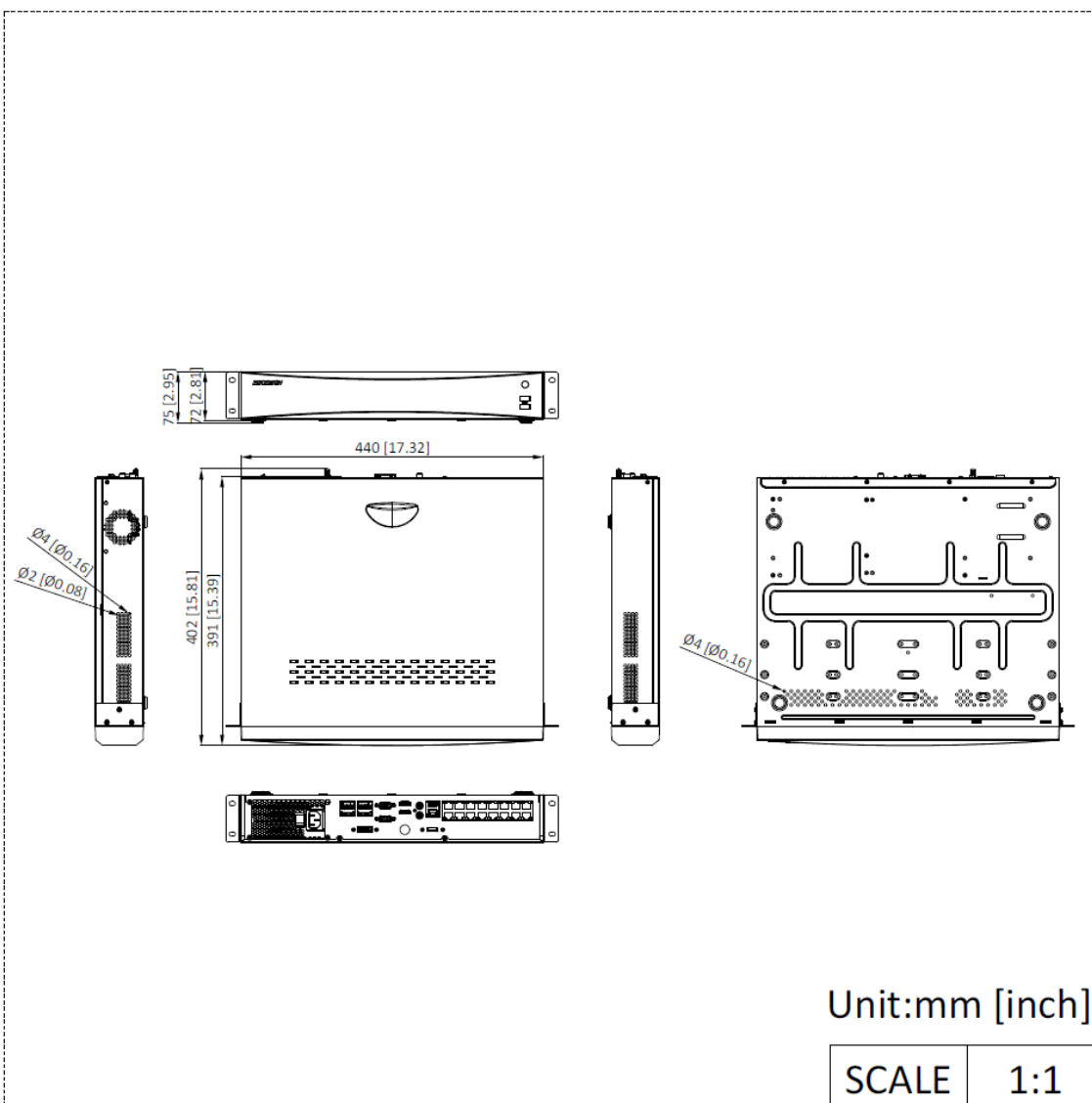| No.	Description	No.	Description
1	Network interfaces with POE function	7	Alarm in and out, RS-485, Ctrl 12V, and DC 12V
2	LAN and USB 3.0 interfaces	8	Alarm out
3	eSATA interface	9	GND
4	Audio in and out	10	Power supply
5	HDMI interfaces	11	Power switch
6	RS-232 and VGA interfaces		

▪ Available Model

DS-7716NXI-I4/16P/VPro(废弃)

DS-7716NXI-I4/16P/VPro(STD)

DS-7716NXI-I4/16P/VPro(NEU)

▪ Dimension

Unit:mm [inch]

SCALE   1:1

See Far, Go Further

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