

DS-7616NXI-I2/16P/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 8-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 at up to 1080p resolution

### 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

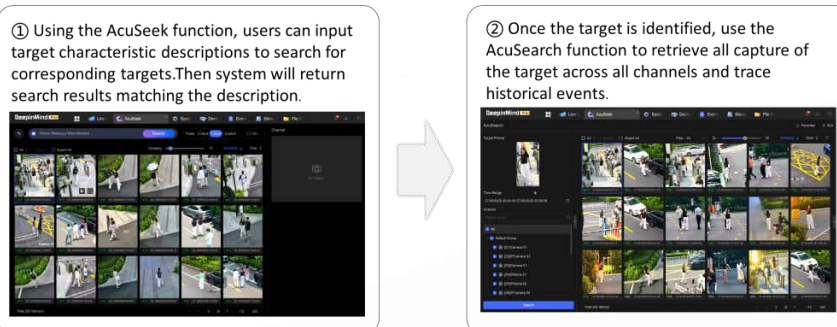
## ▪ Specification

<b>Intelligent Analytics</b>	
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
<b>Facial Recognition</b>	
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)
<b>AcuSearch</b>	
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.
<b>AcuSeek</b>	
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
<b>ANPR</b>	
By Camera	All channels
Vehicle Attributes	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type
<b>Video and Audio</b>	
IP Video Input	16
Incoming Bandwidth	192 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 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)
<b>Decoding</b>	
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/D CIF/2CIF/CIF/QCIF
Synchronous playback	16-ch
Live View Window Division	1/4/6/8/9/16
Dual-Stream Recording	Support
Aux Port Window Division	1/4/6/8/9/16
Stream Type	Video, Video & Audio

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
<b>Network</b>	
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	≤ 200W
Standard	IEEE 802.3 af/at
<b>Auxiliary Interface</b>	
SATA	2 SATA interfaces
Capacity	Up to 20 TB capacity for each disk
Serial Interface	NA
Alarm In/Out	4/1
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
<b>General</b>	
Power Supply	≤ 180 W
Consumption	≤ 50W
Working Temperature	-10°C ~ + 55°C
Working Humidity	10% ~ 90%
Chassis	1U
Dimension (W × D × H)	384 × 371 × 52 mm ( 15.12" × 12.48" × 2.03" )
Weight	≤ 4 kg (6.6 lb)
<b>Certification</b>	
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

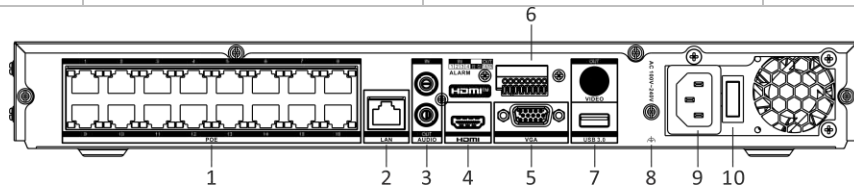
### Typical Application



## ▪ Physical Interface

No.	Description	No.	Description
1	Network interfaces with POE function	6	Alarm in and out
2	LAN interface	7	USB 3.0 interface
3	Audio in and out	8	GND

4	HDMI interface	9	Power supply
5	VGA interface	10	Power switch



▪ Available Model

DS-7616NXI-I2/16P/VPro(废弃)

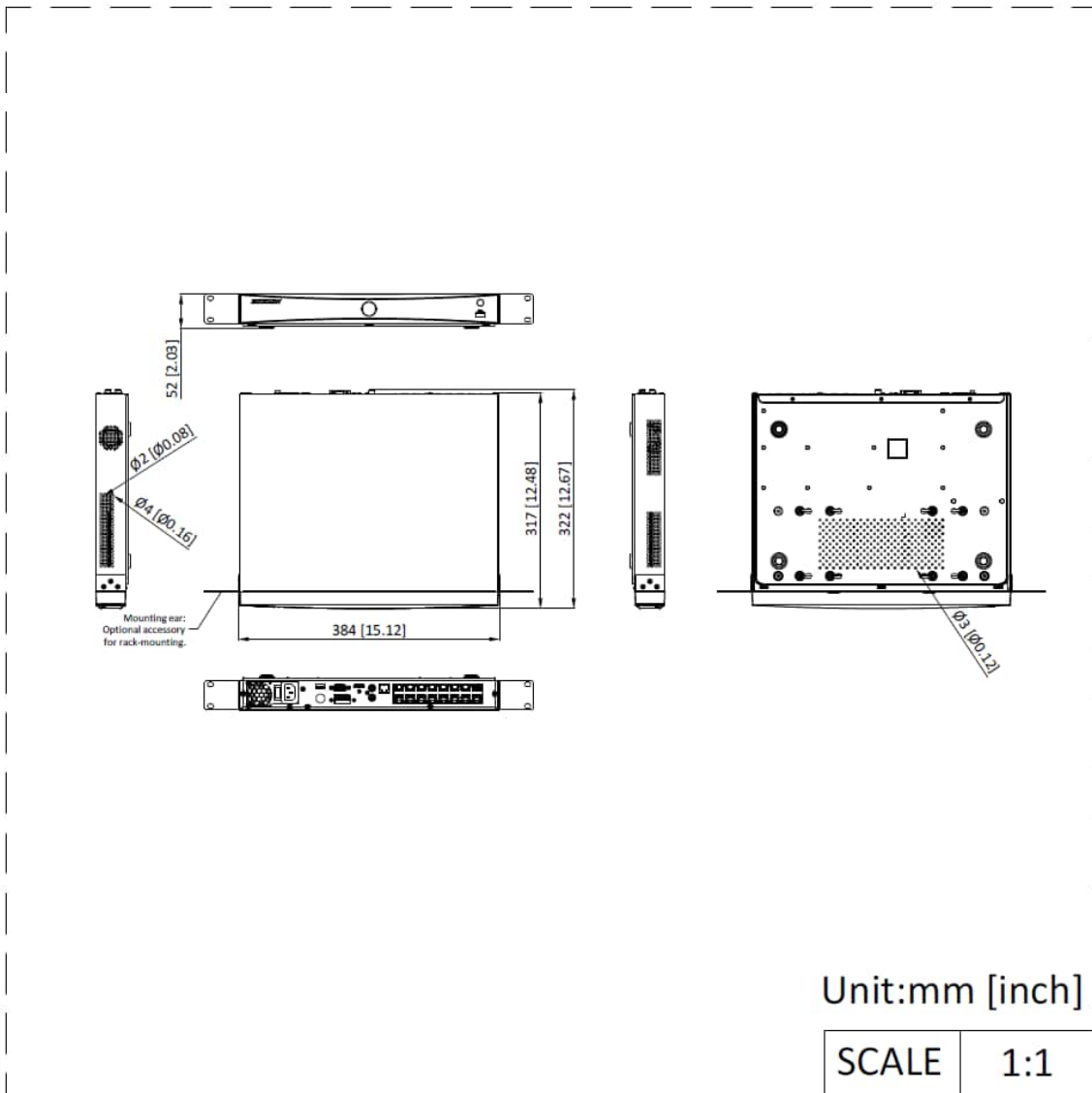
DS-7616NXI-I2/16P/VPro(STD)

DS-7616NXI-I2/16P/VPro(NEU)

DS-7616NXI-I2/16P/VPro(STD)/AUS/4T

DS-7616NXI-I2/16P/VPro(STD)/AUS/6T

▪ Dimension



Unit:mm [inch]

SCALE	1:1
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