

## DS-7708NXI-K4(D) 8-ch 1.5U K Series AcuSense 4K NVR

### Key Feature

- Up to 8-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
- Up to 80 Mbps incoming bandwidth



### Smart Function

- All channels support Motion Detection 2.0
- 2-ch video analysis for human and vehicle recognition to reduce false alarm
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency

### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

### HD Video Output

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

### Storage and Playback

- Up to 4 SATA interfaces for HDD connection (up to 16 TB capacity per HDD)
- 8-ch synchronous playback

### Network & Ethernet Access

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

## ▪ Specification

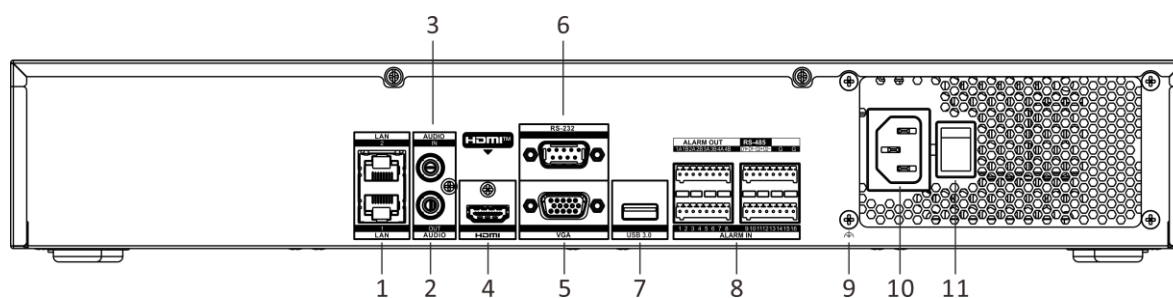
<b>Intelligent Analytics</b>	
AI by Device	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA
<b>Facial Recognition</b>	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	1-ch, 8 MP
Face Picture Comparison	4-ch
<b>Motion Detection 2.0</b>	
By Device	All channels, up to 4 MP (when enhanced SVC mode is enabled, up to 8 MP) video analysis for human and vehicle recognition to reduce false alarm
By Camera	All channels
<b>Perimeter Protection</b>	
By Device	2-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm
By Camera	All channels
<b>Video and Audio</b>	
IP Video Input	8-ch
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	160 Mbps
HDMI Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Video Output Mode	HDMI/VGA independent output
CVBS Output	N/A
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input )
<b>Decoding</b>	
Decoding Format	H.265/H.265+/H.264+/H.264
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	8-ch
Decoding Capability	AI on: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps) AI off: 2-ch@12 MP (30 fps)/4-ch@8 MP (30 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC
<b>Network</b>	
Remote Connection	128
API	ONVIF (profile S/G); SDK; ISAPI

Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
<b>Auxiliary Interface</b>	
SATA	4 SATA interfaces
Capacity	Up to 16 TB capacity for each HDD
Serial Interface	2 RS-485 (half-duplex), 1 RS-232
Alarm In/Out	N/A (4/1 is optional)
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Ctrl 12V	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	DC 12V 12 VDC, 1 A power output
<b>General</b>	
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
Power Supply	100 to 240 VAC, 50 to 60Hz
Consumption	≤ 20 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	445 × 400 × 75 mm ( 17.5"× 15.7" × 3.0")
Weight	≤ 5 kg (without HDD, 11 lb.)
<b>Certification</b>	
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS

\*Note:

\*Alarm in/out can be optional for certain models. If you select a device model with "/Alarm4+1", then the device will have 4 alarm inputs and 1 alarm outputs.

## Physical Interface



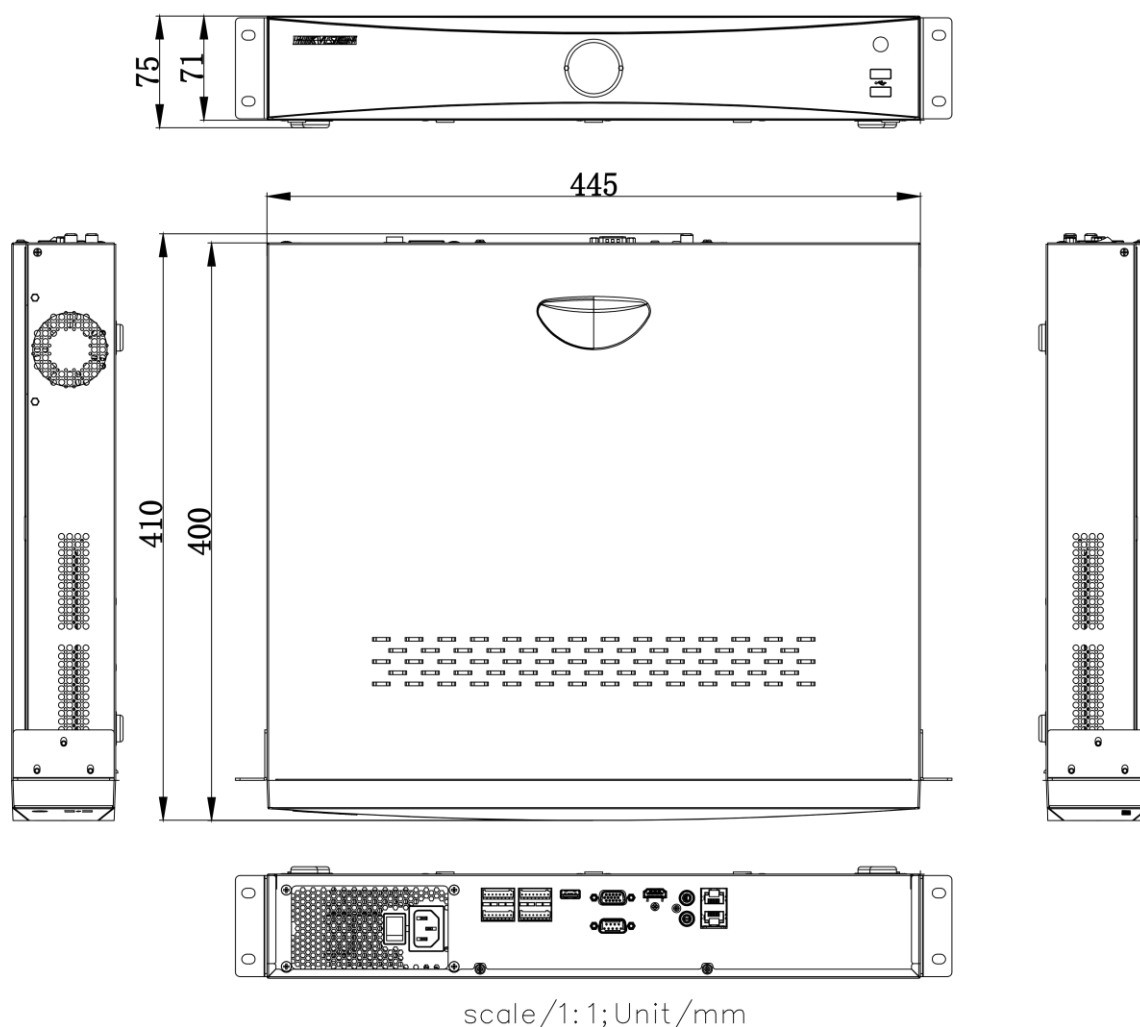
No.	Description	No.	Description
1	LAN 1 and LAN 2 interfaces	7	USB 3.0 interface
2	Audio in	8	Alarm in, alarm out and RS-485
3	Audio out	9	GND
4	HDMI interface	10	Power supply
5	VGA interface	11	Power switch
6	RS-232 serial interface		

## Available Model

DS-7708NXI-K4(D)

DS-7708NXI-K4(D)/Alarm16+9

## Dimension



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