

DS-7716NXI-K4/16P(D) 16-ch 1.5U 16 PoE K Series AcuSense 4K NVR

1

Key Feature

- Up to 16-ch IP camera inputs, plug & play with 16 power-over-Ethernet (PoE) interfaces 12
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 4-ch@8 MP or 8-ch@4 MP or 16-ch@1080p decoding capacity
- Up to 160 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)
- 16-ch synchronous playback

Network & Ethernet Access

- 16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Base-T Ethernet interface
- Hik-Connect for easy network management

▪ Specification

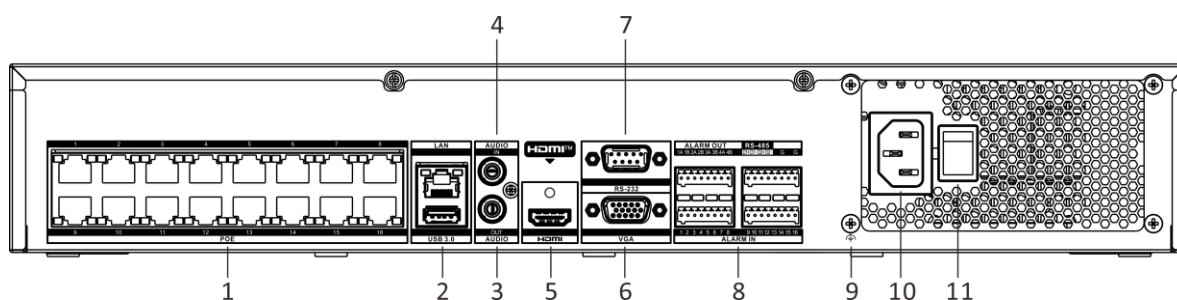
Intelligent Analytics		
AI by Device		Facial recognition, perimeter protection, motion detection 2.0
AI by Camera		Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA
Facial Recognition		
Facial Detection and Analytics		Face picture comparison, human 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
Motion Detection 2.0		
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
Perimeter Protection		
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
Video and Audio		
IP Video Input		16-ch
Incoming Bandwidth		160 Mbps
Outgoing Bandwidth		160 Mbps
HDMI Output	6	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)
Decoding		
Decoding Format	2	H.265/H.265+/H.264+/H.264
Recording Resolution	6	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback		16-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
Network		
Remote Connection		128
API	3 11	ONVIF (profile S/G); SDK; ISAPI

Compatible Browser		IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Protocol	7 10	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	4	1 RJ-45 10/100/1000 Mbps Base-T self-adaptive Ethernet interface
PoE		
Interface	5	16
Power		≤ 200 W
Standard	5	IEEE 802.3af/at
Auxiliary Interface		
SATA	8	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		
USB Interface	9	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Ctrl 12V		N/A (optional to support)
DC 12V		N/A (optional to support)
General		
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 and PoE off)
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.)
Certification		
CE	13	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



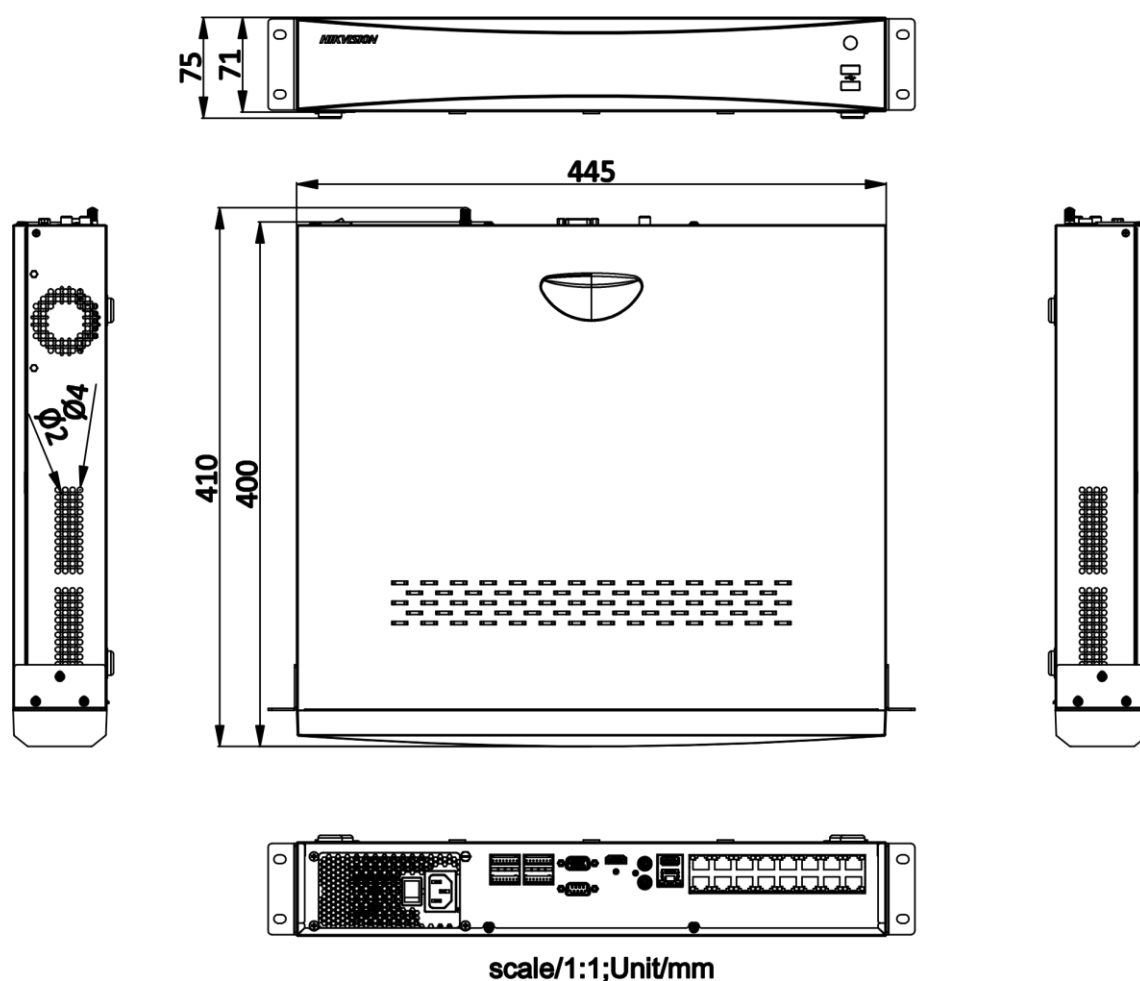
No.	Description	No.	Description
1	Network interfaces with PoE function	7	RS-232 serial interface
2	USB 3.0 interface and LAN interface	8	Alarm in, alarm out and RS-485
3	Audio out	9	GND
4	Audio in	10	Power supply
5	HDMI interface	11	Power switch
6	VGA interface		

Available Model

DS-7716NXI-K4/16P(D)

DS-7716NXI-K4/16P(D)/Alarm16+9

▪ Dimension



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