

DS-7716NXI-K4/16P/VPro
16-ch 1.5U 16 POE AcuSense K VPro NVR



- Up to 16-ch AcuSeek and AcuSearch function
- Adopt Hikvision AcuSense technology to minimize manual effort and security costs
- Accurate perimeter protection effectively reduces false alarms
- Automatic cameras connection and configuration
- Up to 16-ch IP camera inputs, plug & play with 16 Power-over-Ethernet (PoE) interfaces
- Up to 3-ch@12 MP or 6-ch@8 MP or 12-ch@4 MP or 24-ch@1080p decoding capacity
- H.265/ H.265+/H.264/H.264+ video formats
- Up to 160 Mbps incoming bandwidth

▪ Specification

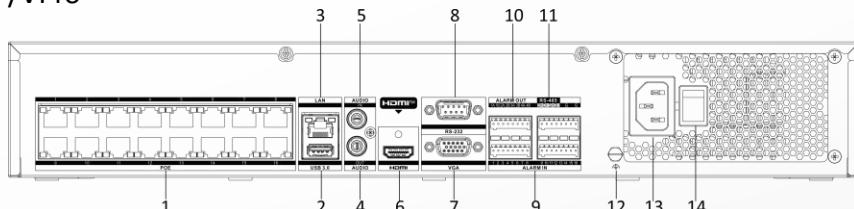
Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0, AcuSearch, AcuSeek
AI by Camera	Facial recognition, perimeter protection, motion detection 2.0, ANPR, VCA
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture \leq 1 MB, total capacity \leq 800 MB)
Facial Detection and Analytics Performance	Up to 4 MP: 2-ch; 5 MP to 8 MP: 1-ch
Face Picture Comparison	8-ch
AcuSearch	
By Camera	All channels *: The camera should enable AcuSearch function
AcuSeek	
Performance	If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSeek in all channels, capable of modeling 50,000 targets/day.
Search Language	English
Motion Detection 2.0	
By NVR	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 NVR	Video analysis (HD network camera, H.264/H.265) for human and vehicle recognition to reduce false alarm. Up to 4 MP: 2-ch; 5 MP to 8 MP: 1-ch
By Camera	All channels
Video and Audio	
IP Video Input	16-ch
Incoming Bandwidth	160 Mbps
IP Speaker Input	4-ch
Outgoing Bandwidth	160 Mbps
HDMI Output	1-ch, 4K (3840 \times 2160)/30Hz, 2K (2560 \times 1440)/60Hz, 1920 \times 1080/60Hz, 1600 \times 1200/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz
VGA Output	1-ch, 1920 \times 1080/60Hz, 1600 \times 1200/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz
Video Output Mode	HDMI/VGA independent output
CVBS Output	N/A
Audio Output	1-ch, RCA (Linear, 1 K Ω)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 K Ω , using the audio input)
Decoding	
Decoding Format	H.265, H.265+, H.264, H264+
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	16-ch

Decoding Capability	AI on: 12-ch@1080p (30 fps) AI off: 24-ch@1080p (30 fps)
Stream Type	Video, Video & Audio
Live View Window Division	1/2/4/6/8/9/16
Playback Mode	Normal/Smart, Event, Tag, External File
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2
Network	
Remote Connection	128
API	ONVIF (profile S/G); SDK; ISAPI
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
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 802.3af/at
Auxiliary Interface	
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	16/4
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovakia, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonia, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazak, Arabic, Hebrew, Ukrainian, Indonesian
Power Supply	200 to 240 VAC, 50 to 60Hz
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)	440 × 391 × 72 mm (17.32 × 15.39 × 2.81 inch)
Weight	≤ 5 kg (without HDD, 11 lb.)

*CE

▪ Physical Interface

DS-7716NXI-K4/16P/VPro



No.	Description	No.	Description
1	PoE interfaces	8	RS-232 interface
2	USB 3.0 interface	9	ALARM IN
3	LAN network interface	10	ALARM OUT

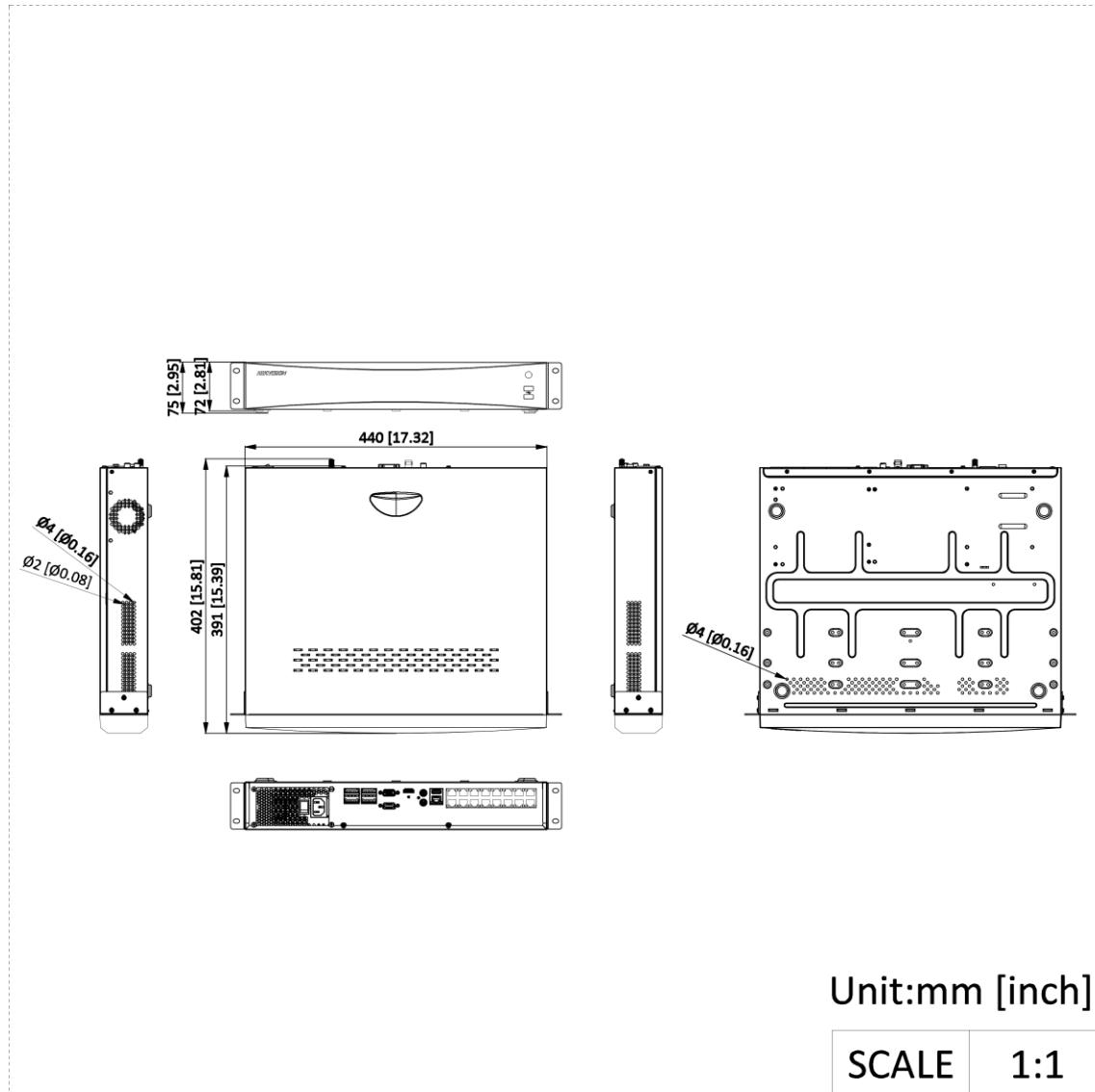
4	AUDIO OUT	11	RS-484 interface
5	AUDIO IN	12	GND
6	HDMI interface	13	Power supply
7	VGA interface	14	Power switch

▪ Available Model

DS-7716NXI-K4/16P/VPro(STD)

DS-7716NXI-K4/16P/VPro(NEU)

▪ Dimension



See Far, Go Further



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