

DS-7616NXI-K1/VPro 16-ch 1U AcuSeek K VPro NVR



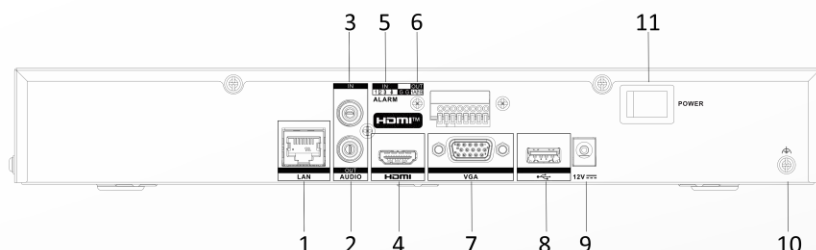
- Up to 16-ch AcuSeek and AcuSearch function
- Adopt Hikvision AcuSense technology to minimize manual effort and security costs
- Accurate perimeter protection effectively reduces false alarms
- Automatic cameras connection and configuration
- Up to 16-ch IP camera inputs
- Up to 4-ch@12 MP or 6-ch@8 MP or 12-ch@4 MP or 16-ch@2 MP 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 NVR and Camera	Facial recognition, perimeter protection, motion detection 2.0, ANPR, VCA
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
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
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 ≤ 1 MB, total capacity ≤ 800 MB)
Face Picture Comparison	8-ch
Facial Detection and Analytics Performance	Up to 4 MP: 2-ch; 5 MP to 8 MP: 1-ch
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
Video and Audio	
IP Video Input	16-ch
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	80 Mbps
IP Speaker Input	4-ch
Video Output Mode	HDMI/VGA independent output
HDMI Output	4K (3840×2160) /30Hz , 2K (2560×1440) /60Hz , 1080P (1920×1080) /60Hz , UXGA (1600×1200) /60Hz , SXGA (1280×1024) /60Hz , 720P (1280×720) /60Hz
VGA Output	1080P (1920×1080) /60Hz , UXGA (1600×1200) /60Hz , SXGA (1280×1024) /60Hz , 720P (1280×720) /60Hz
Audio Input	Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Audio Output	1-ch, RCA (Linear, 1 KΩ)
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: 2-channel 12 MP@30 fps, 3-channel 8 MP@30 fps, 4-channel 6 MP@30 fps, 6-channel 4 MP@30 fps, 8-channel 3 MP@30fps, 12-channel 2 MP@30fps AI off: 4-channel 12 MP@30 fps, 6-channel 8 MP@30 fps, 8-channel 6 MP@30 fps, 12-channel 4 MP@30 fps, 16-channel 3 MP@30fps, 16-channel 2 MP@30fps
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2
Network	
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Remote Connection	128
Auxiliary Interface	
SATA	1 SATA interface
Capacity	Up to 16 TB capacity for each HDD
Alarm In/Out	4/1
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
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,TraChinese,Thai,Estonia,Vietnamese,Croatian,Slovenian,Serbian,Latvian,Lithuanian,Uzbek,Kazak,Arabic,Hebrew,Ukrainian,Indonesian
Power Supply	12 VDC, 1.5 A
Consumption	≤ 10 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	319 mm × 239 mm × 48 mm (12.6 × 9.4 × 1.9 inch)
Weight	≤ 1 kg (without HDD, 2.6 lb.)
Certification	
Obtained Certification	CE,CB,REACH,WEEE,UKCA,RCM,IC
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

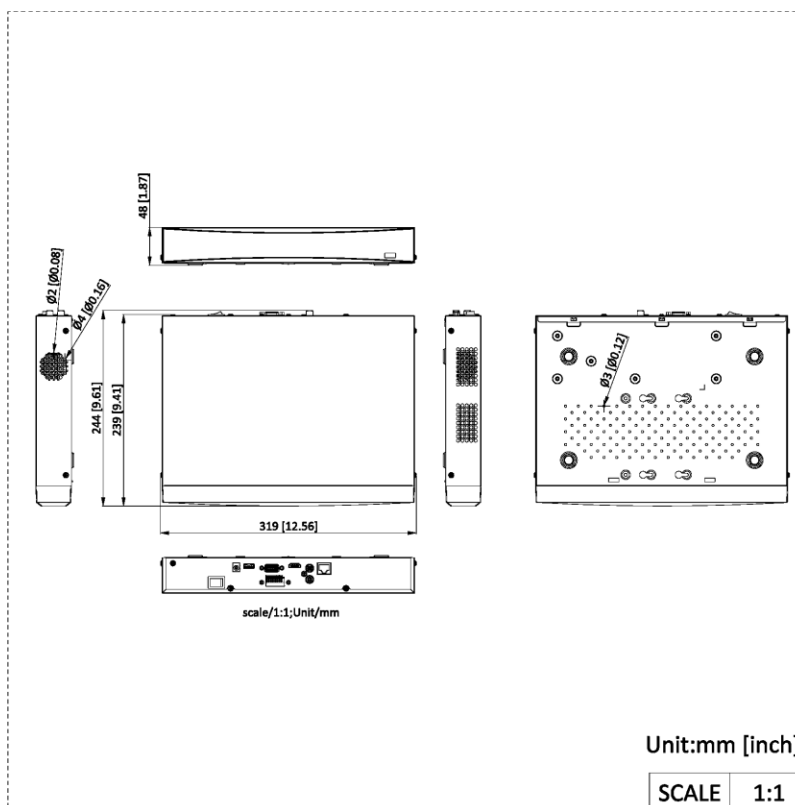
Physical Interface



No.	Description	No.	Description
1	LAN interface	7	VGA interface
2	Audio output	8	USB interface
3	Audio input	9	12V power supply
4	HDMI interface	10	GND

5	Alarmin	11	Power switch
6	Alarmout		

▪ Dimension



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