

## **DS-7608NXI-K1 (B)** 8-ch 1U 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 1-ch@12 MP or 2-ch@8 MP or 4-ch@4 MP or 8ch@1080p decoding capacity
- Up to 80 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs

















- 1-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 1 SATA interface for HDD connection (up to 10 TB)
- 8-ch synchronous playback

#### **Network & Ethernet Access**

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



# Specification

# **Intelligent Analytics**

Al by Device	Facial recognition, perimeter protection, motion detection 2.0			
Al 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 5,000 face pictures in total (each picture $\leq$ 1 MB, total capacity $\leq$ 73 MB)			
Facial Detection and Analytics Performance	1-ch, 4 MP			
Face Picture Comparison	2-ch			
Motion Detection 2.0				
By Device	4-ch, 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	1-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	8-ch			
Incoming Bandwidth	80 Mbps			
Outgoing Bandwidth	80 Mbps			
HDMI Output	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz			
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz			
Video Output Mode	HDMI/VGA simultaneous 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	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  Stream Type	AI on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)  AI off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)  Video, Video & Audio		
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC		
Network			
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, ISUF UPnP™, HTTP, HTTPS		
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
Auxiliary Interface			
SATA	1 SATA interface		
Capacity	Up to 10 TB capacity for each HDD		
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0		
Alarm In/Out	N/A		
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	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 $\times$ D $\times$ H)	320 mm × 240 mm × 48 mm (12.6"× 9.4" × 1.9")		
Weight	≤ 1 kg (without HDD, 2.2 lb.)		
Certification			
FCC	N/A		
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017		
Obtained Certification	CE, CB, KC, Reach, WEEE, RCM, UKCA, LOA		

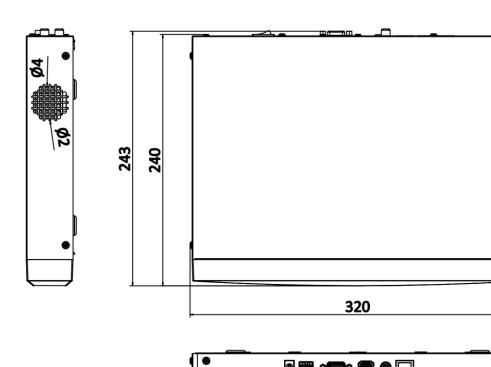
#### Note:

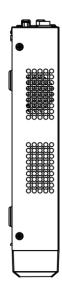
- Alarm in/out can be optional for certain models. If you select a device model with "/Alarm4+1", then the device will have 4 alarm inputs and 1 alarm outputs.
- Facial recognition, motion detection 2.0 or perimeter protection cannot be enabled at the same time.



# Dimension



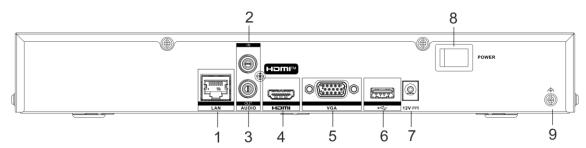




scale/1:1;Unit/mm



# **Physical Interface**



No.	Description	No.	Description
1	LAN network interface	6	USB interface
2	AUDIO IN	7	Power supply
3	AUDIO OUT	8	Power switch
4	HDMI interface	9	GND
5	VGA interface		

## **Available Model**

DS-7608NXI-K1 (B)

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