# **HIKVISION**°

## DS-7604NXI-K1 AcuSense NVR

#### **Key Feature**

- Up to 4-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 40 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs



#### **Smart Function**

- All channels support Motion Detection 2.0
- 1-ch facial recognition for video stream, or 2-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)
- 4-ch synchronous playback

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

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



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## Specification

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 $\leq 4$	
	MB, total capacity $\leq$ 1 GB)	
Facial Detection and Analytics Performance	1-ch human face capture	
Face Picture Comparison	2-ch face picture comparison alarm	
Motion Detection 2.0		
Human/Vehicle Analysis	4-ch	
Video and Audio		
IP Video Input	4-ch	
Incoming Bandwidth	40 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, 1024 × 768/60 Hz	
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz	
Video Output Mode	HDMI1/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	4-ch	
Decoding Capability	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)	
Stream Type	Video, Video & Audio	
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC	
Network		
Remote Connection	128	
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	



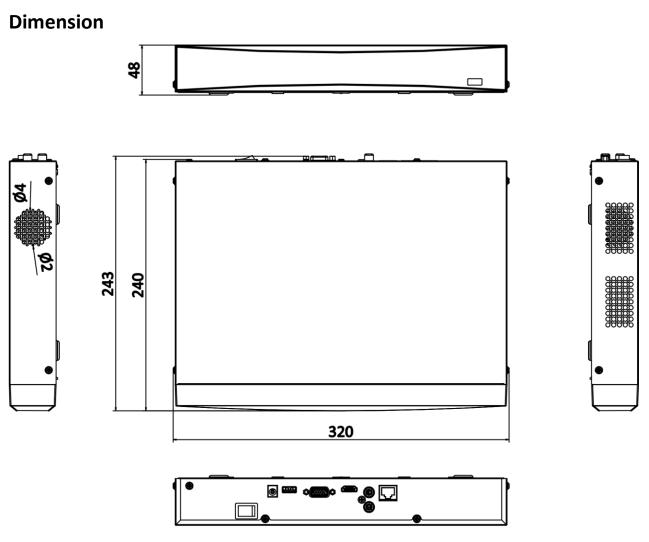
Auxiliary Interface	
SATA	1 SATA interface
Capacity	Up to 10 TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	N/A (4/1 is optional)
General	
Power Supply	12 VDC, 1.5 A
Consumption	$\leq$ 10 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F 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	$\leq$ 1 kg (without HDD, 2.2 lb.)
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

#### 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 and motion detection 2.0 cannot be enabled at the same time.

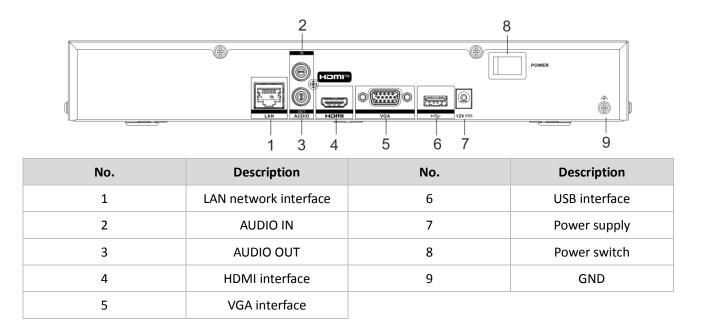




scale/1:1;Unit/mm



## **Physical Interface**



### **Available Model**

DS-7604NXI-K1

Headquarters No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

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