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 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)
- 4-ch synchronous playback

Network & Ethernet Access

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



.

Specification

Bace Picture Library Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture s' MB, total capacity s' 1 GB) Facial Detection and Analytics 1-ch human face capture Performance 2 ch face picture comparison alarm Motion Detection 2.0 4-ch Videon Detection 2.0 4-ch Video Input 4-ch Incoming Bandwidth 40 Mbps Outgoing Bandwidth 40 Mbps Outgoing Bandwidth 40 Mbps Video Uutput 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz Video Output 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 HZ, 1600 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz Video Output 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 HZ, 1600 HZ, 1280 × 1024/60 HZ, 1280 × 720/60 HZ, 1020 × 1080/60 HZ, 1600 HZ, 1280 × 1024/60 HZ, 1280 × 720/60 HZ, 1020 × 1080/60 HZ, 1600 HZ, 1280 × 1024/60 HZ, 1280 × 720/60 HZ Video Output Mode HDMI1/VGA simultaneous output CVBS Output 1-ch, RCA (Linear, 1 KΩ) Two-Way Audio 1-ch, RCA (Linear, 1 KΩ) Decoding Format 1-265/H 265/H 265/H 265/H 264/HL 264 Recording Resolution 120M/S MP/6 MP/5 MP/1 MP/10	Facial Recognition		
Face Picture Library MB, total capacity \$ 1 GB) Face I petertion and Analytics 1-ch human face capture Performance 2-ch face picture comparison alarm Mator Detection 2.0 4-ch Video and Audio 4-ch Incoming Bandwidth 40 Mbps Outgoing Bandwidth 60 Mbps Dutgoing Bandwidth 80 Mbps HUM Output 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1500 × 1200 /60 Hz, 1280 × 1024/60 Hz, 1920 × 1080/60 Hz, 1500 × 1200 /60 Hz, 1280 × 1024/60 Hz, 1920 × 1080/60 Hz, 1500 × 1200 /60 Hz, 1280 × 1024/60 Hz, 1920 × 720/60 Hz VGA Output 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1500 × 1200 /60 Hz, 1280 × 1024/60 Hz, 1920 × 1080/60 Hz, 1500 × 1024/60 Hz, 1920 × 1080/60 Hz VGA Output 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz VGA Output 1-ch, RCA (Linear, 1 KΩ) Video Output Mode HDMI/VGA simultaneous output Video Nuptu 1-ch, RCA (Linear, 1 KΩ) VoWay Audio 1-ch, RCA (Linear, 1 KΩ) Pocoding Format H265/H.264+H.264 Recording Resolution 12 MP/8 MP/6 MP/5 MP/1080p/UXGA/720p/VGA/ACIF/DCIF/2CIF/CIF/QCIF Synchronous Playback 4-ch	Facial Detection and Analytics	Face picture comparison, human face capture, face picture search	
MB, total capacity ≤ 1 GB) Facial Detection and Analytics 1-ch human face capture Performance 2-ch face picture comparison alarm Motio Detection 2.0	Face Picture Library	Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4	
Performance 1-ch human face capture Face Picture Comparison 2.ch face picture comparison alarm Mution Detection 2.0 4.ch Wideo and Audio 4.ch Video and Audio 4.ch Incoming Bandwidth 40Mbps Outgoing Bandwidth 60Mbps Outgoing Bandwidth 1.ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz Video Output 1.ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz Video Output Mode HDMI1/VGA simultaneous output Video Output Mode 1.ch, RCA (Linear, 1 KΩ) Video Output Mode 1.265/H.265+/H.264+/H.264 Video Output Mode 1.265/H.265+/H.264+/H.264 Video Output Mode 1.265/H.264+/H.264 Video Output 1.265/H.264+/H.264 Video Output 1.20/FO MP/S MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/CIF/CIF/CIF/CIF/CIF/CIF/CIF/CIF/CIF/		MB, total capacity \leq 1 GB)	
Motion Detection 2.0 Muman/Vehicle Analysis 4-ch File Video and Audio 4-ch Incoming Bandwidth 40 Mbps Outgoing 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 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1-ch, 4K (3840 × 2160)/30 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, 1024 × 768/60 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 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/Q	Facial Detection and Analytics Performance	1-ch human face capture	
Human/Vehicle Analysis 4-ch Video and Audio 4-ch IP Video Input 4-ch Composition 40 Mbps Outgoing Bandwidth 60 Mbps Dutgoing 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, 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, 4K (3840 × 2160)/30 Hz, 1280 × 120/60 Hz, 1024 × 768/60 Hz VGA Output 1-ch, 1920 × 1080/60 Hz, 1280 × 120/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz VGA Output 1-ch, 1920 × 1080/60 Hz, 1280 × 120/60 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 (20 Vp-p, 1 KΩ, using the audio input) Decoding Format M.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/CIF/QCIF/CIF/QCIF/CIF/QCIF/CIF/QCIF/Q	Face Picture Comparison	2-ch face picture comparison alarm	
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 VGA Output 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz Video Output Mode HDMI1/VGA simultaneous output Video Output 1-ch, RCA (Linear, 1 KΩ) Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) Decoding H265/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/CIF/CIF/GCIF Synchronous Playback 4-ch Al on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps) Al 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 TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SMPP, NFS, ISCSI, ISUP, Network Protocol	Motion Detection 2.0		
IP Video Input4-chIncoming Bandwidth40 MbpsOutgoing Bandwidth80 MbpsHDMI Output1-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 HzVGA Output1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 HzVGA Output1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 HzVideo Output ModeHDMI1/VGA simultaneous outputCVBS Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)Decoding12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/CIF/CIF/Synchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Stream TypeVideo, Video & AudioAudio Compression6.7111alaw/G.722/G.726/AACNetwork128Network Protocol128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NF5, ISCSI, ISUP	Human/Vehicle Analysis	4-ch	
Incoming Bandwidth40 MbpsOutgoing Bandwidth80 MbpsHDMI Output1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 HzVGA Output1-ch, 1920 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 HzVGA Output1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 HzVideo Output ModeHDMI1/VGA simultaneous outputCVBS OutputN/AAudio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)DecodingH265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Audio CompressionG.711ulaw/G.712/G.726/AACNetworkNetworkNetwork Protocol128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, ISCSI, ISUP	Video and Audio		
Outgoing Bandwidth80 MbpsHDMI Output1-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 HzVGA Output1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 HzVideo Output ModeHDMI1/VGA simultaneous outputCVBS OutputN/AAudio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)DecodingHD/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps) Al 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 TypeVideo, Video & AudioAudio Compression6.711ulaw/G.711alaw/G.722/G.726/AACNetwork Protocol128TCP/IP, DHCP, IPV4, IPV6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, ISCSI, ISUP	IP Video Input	4-ch	
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 120 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF Synchronous Playback 4-ch Al on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps) fps) Al 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 6.711ulaw/G.711alaw/G.722/G.726/AAC Network TCP/IP, DHCP, IPV4, IPV6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, ISCSI, ISCPI	Incoming Bandwidth	40 Mbps	
HDMI Output1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 HzVGA Output1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 HzVideo Output ModeHDMI1/VGA simultaneous outputCVBS OutputN/AAudio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)DecodingHDR/S MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Audio CompressionG.711ulaw/G.7121alaw/G.722/G.726/AACNetworkTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, ISCSI, ISUP,	Outgoing Bandwidth	80 Mbps	
1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 HzVGA Output1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 HzVideo Output ModeHDM11/VGA simultaneous outputCVBS OutputN/AAudio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)Decoding FormatH.265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio Compression6.711ulaw/G.712alaw/G.722/AACNetworkRenote Connection128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, ISCSI, ISUP	HDMI Output	1-ch, 4K (3840 \times 2160)/30 Hz, 2K (2560 \times 1440)/60 Hz, 1920 \times 1080/60 Hz, 1600 \times	
Video Output ModeHDMI1/VGA simultaneous outputVideo OutputN/AAudio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)DecodingH.265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetwork128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,		1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
CVBS OutputN/AAudio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)DecodingH.265/H.265+/H.264+/H.264Decoding FormatH.265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.722/G.726/AACNetworkT28Network ProtocolTCP/IP, DHCP, IPV4, IPV6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz	
Audio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)DecodingDecoding FormatH.265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.721G.726/AACNetwork128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Video Output Mode	HDMI1/VGA simultaneous output	
Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)DecodingDecoding FormatH.265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetwork Protocol128	CVBS Output	N/A	
DecodingDecoding FormatH.265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetwork128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Audio Output	1-ch, RCA (Linear, 1 KΩ)	
Decoding FormatH.265/H.265+/H.264+/H.264Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetwork128Remote Connection128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 K Ω , using the audio input)	
Recording Resolution12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIFSynchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetwork128Remote Connection128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Decoding		
Synchronous Playback4-chAl on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Decoding Capabilityfps) Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetworkRemote Connection128TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Decoding Format	H.265/H.265+/H.264+/H.264	
Al on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)Al on: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/8-ch@1080p (30 fps)Al 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetwork128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
Decoding Capabilityfps) 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetworkI28Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Synchronous Playback	4-ch	
Decoding CapabilityAl 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 TypeVideo, Video & AudioAudio CompressionG.711ulaw/G.711alaw/G.722/G.726/AACNetworkI28Remote Connection128Network ProtocolTCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,	Decoding Capability	Al on: 1-ch@12 MP (30 fps)/1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30	
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 TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,		fps)	
Stream Type Video, Video & Audio Audio Compression G.711ulaw/G.711alaw/G.722/G.726/AAC Network Image: Connection 128 TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, Network Protocol TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,		AI off: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30	
Audio Compression G.711ulaw/G.711alaw/G.722/G.726/AAC Network I28 Network Protocol TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,		fps)	
Network Remote Connection 128 TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, Network Protocol	Stream Type	Video, Video & Audio	
Remote Connection 128 TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, Network Protocol	Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC	
TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, Network Protocol	Network		
Network Protocol	Remote Connection	128	
UPnP™, HTTP, HTTPS	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	Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	



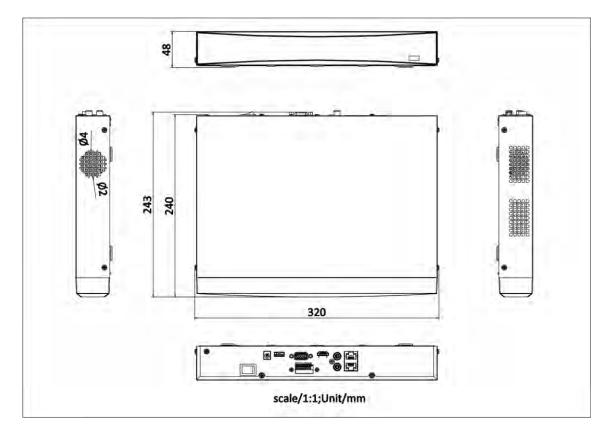
Auxiliary Interface	
SATA	1 SATA interface
Capacity	Up to 10 TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	N/A (4/1 is optional)
General	
Power Supply	12 VDC, 1.5 A
Consumption	\leq 10 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 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.

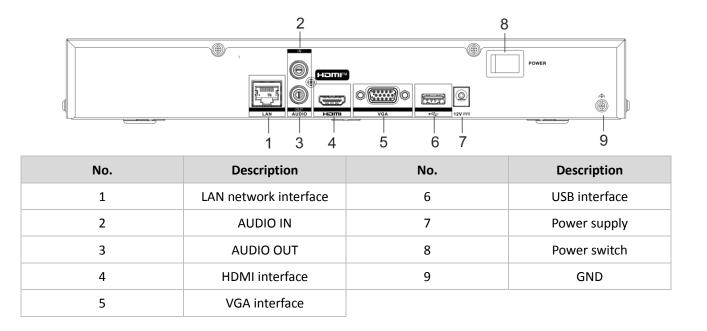


Dimension





Physical Interface



Available Model

DS-7604NXI-K1



©Hikvision Digital Technology Co., Ltd. 2022 | Data subject to change without notice |