

DS-7616NXI-K2

Video recorder DS-7616NXI-K2 16-ch 1U K Series AcuSense 4K NVR HIKVISION

- Up to 16-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs

Number of channels	16 channel
Type	NVR
Megapixel	8 MP
Max HDD count	1 HDD
Max HDD capacity	10 TB

Detailed

Intelligent Analytics	
AI by Device	Facial recognition, perimeter protection, motiondetection 2.0
AI by Camera	Facial recognition, perimeter protection, throwing objectsfrom building, motion detection2.0, ANPR,VCA
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human facecapture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 20,000 face pictures in total (eachpicture ≤ 4 MB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	1-ch, 8 MP
Face Picture Comparison	4-ch
Motion Detection 2.0	

By Device	All channels, 4 MP (when enhanced SVC mode is enabled, up to 8 MP) videoanalysis for human and vehicle recognition to reduce falsealarm
By Camera	All channels
Perimeter Protection	
By Device	2-ch, 4 MP (HD networkcamera, H.264/H.265) videoanalysis for humanand vehicle recognition to reduce falsealarm
By Camera	All channels
Video and Audio	
IP Video Input	16-ch
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	160 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 OutputMode	HDMI/VGA independent output
CVBS Output	N/A
Audio Output	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audioinput)
Two-Way Audio	1-ch, RCA (Linear, 1 KΩ)
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	16-ch
----------------------	-------

Decoding Capability	AI on: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps) /4-ch@4 MP (30 fps)/8-ch@1080p (30 fps) AI off: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps) /6-ch@4 MP (30 fps)/12-ch@1080p (30 fps)
Stream Type	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, SafariV12, Edge V89,or above version
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	2 SATA interfaces
Capacity	Up to 10 TBcapacity for eachHDD
USB Interface	Front panel: 1 × USB2.0; Rear panel:1 × USB 2.0
Alarm In/Out	4/1
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, 3.3 A
Consumption	≤ 15 W (without HDD)
Working Temperature	-10 °C to 55 °C(14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	385 mm × 315 mm × 52 mm (15.2"× 12.4" × 2.0")
Weight	≤ 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
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS