DS-7616NXI-K1(STD)/BRA/MAO/CKD
16-ch 1U K Series AcuSense 4K NVR





- Up to 16-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 8-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs

▪ Specification

Model		DS-7616NXI-K1(STD)/BRA/MAO/CKD
Intelligent Analytics	AI by Device	Facial recognition,perimeter protection, motion detection 2.0
	AI by Camera	Facial recognition, perimeter protection, throwing objects from building, motion detection2.0, ANPR, VCA
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
Target 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 ≤ 4 MB, total capacity ≤ 1 GB)
	Facial Detection and Analytics Performance	
	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) 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
	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 independent 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	16-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
	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, 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
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 × D × H)	320 mm × 240 mm × 48 mm (12.6"× 9.4" × 1.9")
	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

▪ Function

Smart Function

1-ch video analysis for human and vehicle recognition to reduce false alarm

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)

16-ch synchronous playback

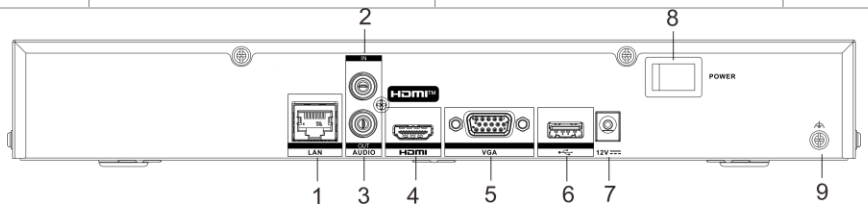
Network & Ethernet Access

1 self-adaptive 10/100/1000 Mbps Ethernet interface

Hik-Connect for easy network management

▪ Physical Interface

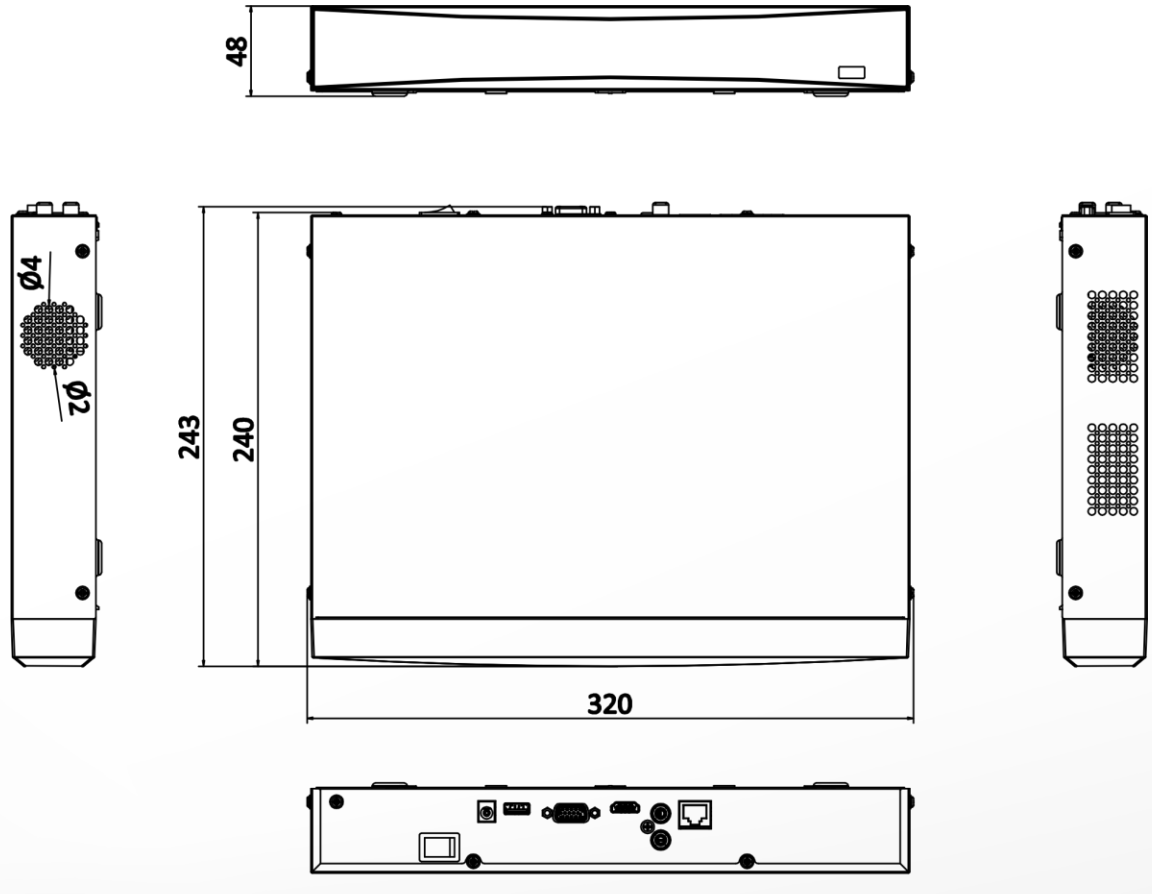
No.	Description	No.	Description
1	Network Interfaces	6	USB 3.0 Interface
2	AUDIO IN	7	Ctrl 12V Power Output
3	AUDIO OUT	8	Power Supply
4	HDMI Interface	9	GND
5	VGA Interface		



▪ Available Model

DS-7616NXI-K1(STD)/BRA/MAO

▪ Dimension



scale/1:1;Unit/mm

See Far, Go Further

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