DS-8616NXI-K8(E)
16-ch PoE 2U K Series AcuSense 4K NVR





- Automatic speed control fans are designed for running quietly and energy saving
- Adopt Hikvision AcuSense technology to minimize manual effort and security costs
- Efficient playback with AcuSearch technology
- Accurate perimeter protection effectively reduces false alarms
- Automatic cameras connection and configuration
- Up to 16-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 3-ch@12 MP or 5-ch@8 MP or 10-ch@4 MP or 20-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth

▪ Specification

Model		DS-8616NXI-K8(E)
Intelligent Analytics	AI by NVR	Facial recognition, perimeter protection, motion detection 2.0, AcuSearch
	AI by Camera	Facial recognition, perimeter protection, motion detection2.0, ANPR
AcuSearch	By Camera	All channels *: The camera should enable AcuSearch function
Perimeter Protection	By NVR	Video analysis (HD network camera, H.264/H.265) for human and vehicle recognition to reduce false alarm. Up to 4 MP: 2-ch; 8 MP to 5 MP: 1-ch
	By Camera	All channels
Target Recognition	Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
	Facial Detection and Analytics Performance	Up to 4 MP: 2-ch; 8 MP to 5 MP: 1-ch
	Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 1 MB, total capacity ≤ 1 GB)
	Face Picture Comparison	8-ch
Motion Detection 2.0	By NVR	All channels, up to 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
	IP Speaker Input	4-ch
	Incoming Bandwidth	160 Mbps
	Outgoing Bandwidth	160 Mbps
	Video Output Mode	HDMI 1 and VGA 1 provide simultaneous video output, and work as the main output; HDMI 2 and VGA 2 provide simultaneous video output, and work as the auxiliary output
	HDMI 1 Output	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	HDMI 2 Output	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA 1 Output	1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
	VGA 2 Output	1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
	Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
	Audio Output	1-ch, RCA (Linear, 1 KΩ)
Decoding	Decoding Format	H.265, H.265+, H.264, H264+

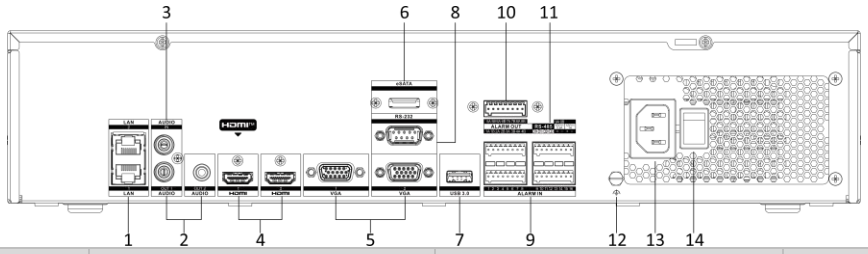
	Recording Resolution	16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: 16 MP is only available for channel 1.
	Synchronous Playback	16-ch
	Decoding Capability	AI on: 16-ch@1080p (30 fps) AI off: 20-ch@1080p (30 fps)
	Stream Type	Video, Video and Audio
	Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2
Network	Remote Connection	128
	API	ONVIF (profile S/G); SDK; ISAPI
	Compatible Browser	IE 11, Chrome 91, Firefox 88, Safari 12, Edge 91,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	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
Auxiliary Interface	SATA	8 SATA interfaces
	Capacity	Up to 16 TB capacity for each HDD
	Serial Interface	2 RS-485 (half-duplex), 1 RS-232
	eSATA	1 eSATA interface
	Alarm In/Out	
	USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
	Ctrl 12V	
	DC 12V	Support
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
	Fan	Supports
	Power Supply	100 to 240 VAC, 50 to 60Hz
	Consumption	≤ 50 W (without HDD)
	Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
	Working Humidity	10 to 90 %
	Dimension (W × D × H)	441 × 457 × 91 mm (17.35 × 17.99 × 3.57 inch)
	Weight	≤ 7kg (without HDD, 15 lb.)
Certification	CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 55035: 2017
	Obtained	CE,CB,REACH,WEEE,UKCA,RCM,IC

Certification	

▪ Function

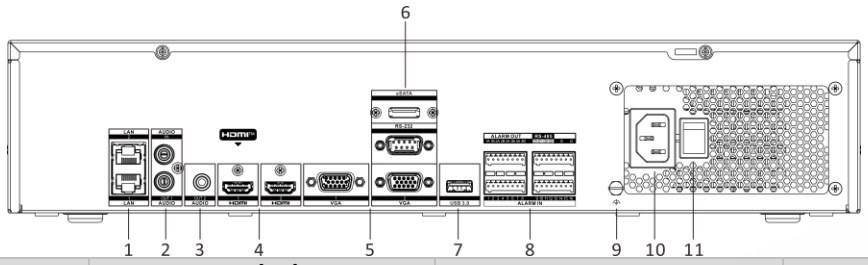
▪ Physical Interface

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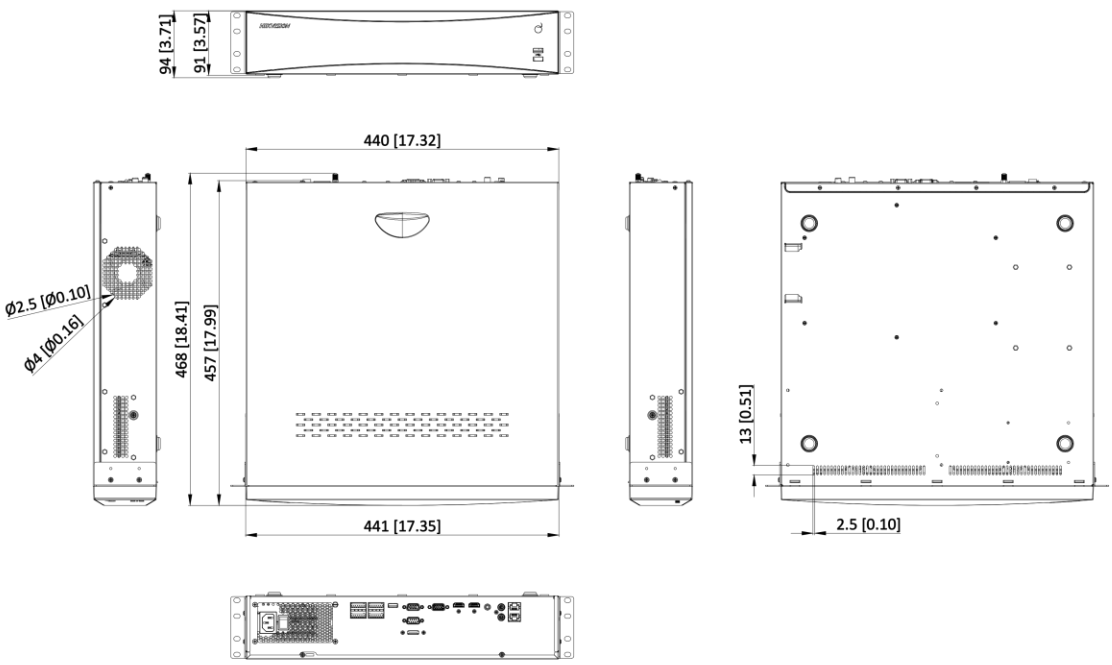
Number	Description	Number	Description
1	LAN network interface	8	RS-232 serial interface
2	Audio out	9	Alarm in
3	Audio in	10	Alarm out
4	HDMI interface	11	RS-485 interface
5	VGA interface	12	GND
6	eSATA interface	13	100 to 240 VAC power input
7	USB 3.0 interface	14	Power switch

DS-8616NXI-K8(E)/IO16+9



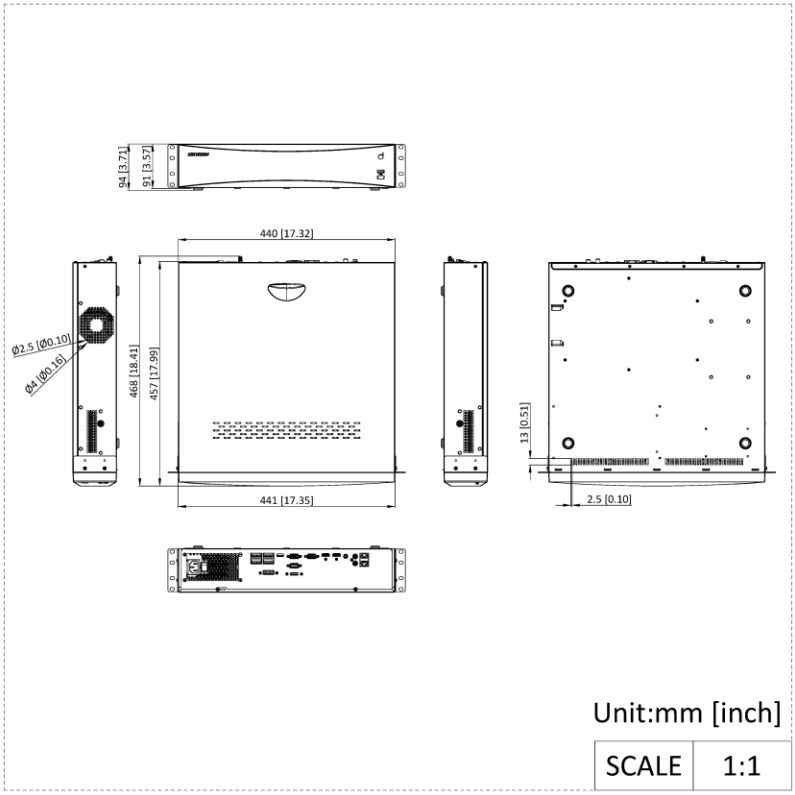
No.	Description	No.	Description
1	LAN 1 and LAN 2 interfaces	7	USB 3.0 interface
2	AUDIO IN and AUDIO OUT 1	8	Alarm in, alarm out, and RS-485
3	AUDIO OUT 2	9	GND
4	HDMI 1 and HDMI 2 interfaces	10	100 to 240 VAC power input
5	VGA 1 and VGA 2 interfaces	11	Power switch
6	eSATA and RS-232 interfaces		

▪ Dimension



Unit:mm [inch]

SCALE	1:1



Unit:mm [inch]

SCALE	1:1

See Far, Go Further

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