

DS-7616NXI-K2(E) 16-ch 1U 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

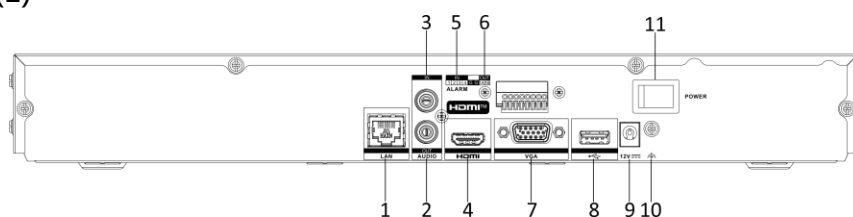
Model		DS-7616NXI-K2(E)(标配)/2Lan	DS-7616NXI-K2(E)(中性)/2Lan	DS-7616NXI-K2(E)(标配)	DS-7616NXI-K2(E)(中性)
Intelligent Analytics	AI by NVR	Facial recognition, perimeter protection, motion detection 2.0, AcuSearch			
	AI by Camera	Facial recognition, perimeter protection, motion detection 2.0, ANPR			
Facial 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			
AcuSearch	By Camera	All channels *: The camera should enable AcuSearch function			
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			
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; 5 MP to 8 MP : 1-ch			
	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			
	HDMI Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz			
	VGA Output	1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz			

	Video Output Mode	HDMI/VGA independent output	
	Audio Output	1-ch, RCA (Linear, 1 K Ω)	
	Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 K Ω , 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: 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 (profileS/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 interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Auxiliary Interface	SATA	2 SATA interfaces	
	Capacity	Up to 16 TB capacity for each HDD	
	Alarm In/Out	4/1	
	USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	
General	GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Hebrew, Ukrainian, Indonesian	
	Fan	Supports automatic speed control	

	Power Supply	12 VDC, 3.33 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)	384 mm × 317 mm × 52 mm (15.12 × 12.48 × 2.03 inch)
	Weight	≤ 1.8 kg (without HDD, 4.0 lb.)
Certification	CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017
	Obtained Certification	CE,CB,REACH,WEEE,UKCA,RCM,IC

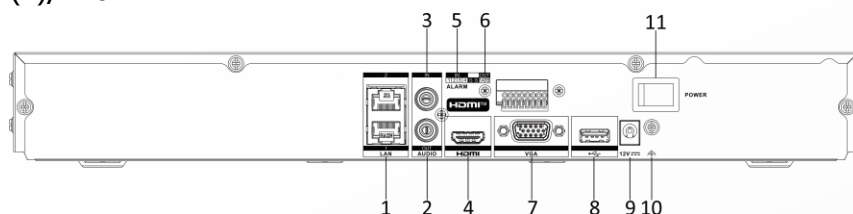
▪ Physical Interface

DS-7616NXI-K2(E)



Number	Description	Number	Description
1	LAN network interface	7	VGA interface
2	Audio out	8	USB interface
3	Audio in	9	12VDC power input
4	HDMI interface	10	GND
5	Alarm in	11	Power switch
6	Alarm out		

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▪ Available Model

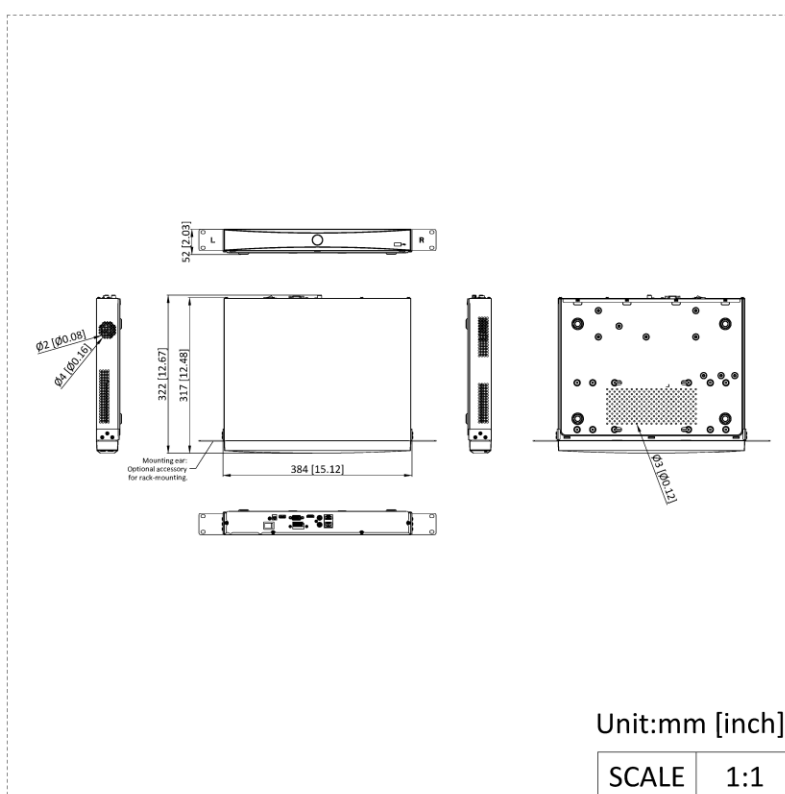
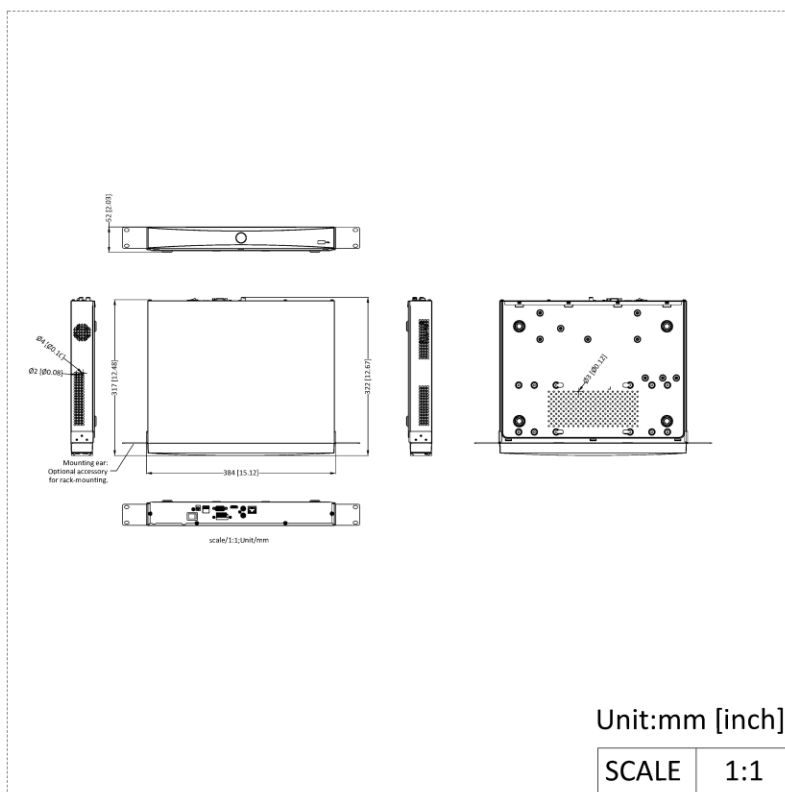
DS-7616NXI-K2(E)(STD)/2Lan

DS-7616NXI-K2(E)(NEU)/2Lan

DS-7616NXI-K2(E)(STD)

DS-7616NXI-K2(E)(NEU)

▪ Dimension



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www.hikvision.com
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