DS-7616NXI-K2(E)(2LAN)
16-ch 1U K Series AcuSense 4K NVR





- 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@12MP or 5-ch@8MP or 10-ch@4MP or 20-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth

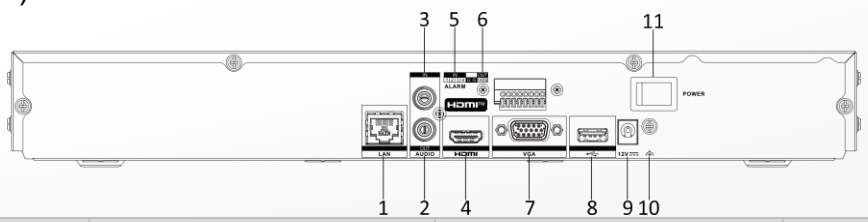
▪ Specification

Model		DS-7616NXI-K2(E)(标配)
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 enableAcuSearchfunction
Perimeter Protection	By NVR	Video analysis (HDnetwork camera,H.264/H.265) for human and vehicle recognition to reduce falsealarm. Up to 4 MP : 2-ch; 5 MPto 8 MP : 1-ch
	By Camera	All channels
Facial Recognition	Facial Detection and Analytics	Facepicturecomparison, human face capture, face picture search
	Facial Detection and Analytics Performance	Up to 4 MP: 2-ch; 8 MP to 5 MP: 1-ch
	FacePicture Comparison	8-ch
	FacePicture Library	Up to 16 facepicture libraries, with up to 50,000 face pictures in total (eachpicture ≤ 1 MB, total capacity ≤ 1 GB)
Motion Detection 2.0	By NVR	All channels, up to 4 MP (when enhanced SVCmode is enabled, up to 8 MP) video analysisfor human and vehiclerecognition to reduce falsealarm
	By Camera	All channels
Video and Audio	IPVideo 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 KΩ)
	Two-Way Audio	1-ch, RCA(2.0 Vp-p, 1 KΩ, usingthe audio input)
Decoding	Decoding Format	H.265/H.265+/H.264/H.264+
	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
	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	IE11, Chrome 91, Firefox 88, Safari 12, Edge91,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-4510/100/1000 Mbps self-adaptiveEthernet interface
Auxiliary Interface	SATA	2 SATAinterfaces
	Capacity	Up to 16 TBcapacity for each HDD
	AlarmIn/Out	4/1
	USBInterface	Front panel: 1 × USB2.0; Rear panel: 1 × USB2.0
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
	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	≤ 2kg (without HDD, 4 lb.)
Certification	CE	EN55032: 2015, EN61000-3-2, EN61000-3-3, EN50130-4, EN55035: 2017
	Obtained Certification	CE,CB,REACH,WEEE,UKCA,RCM,IC

• Physical Interface

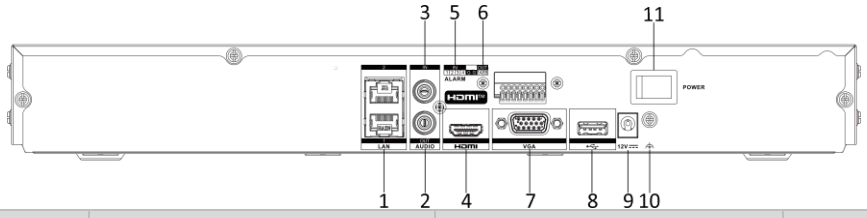
DS-7616NXI-K2(E)



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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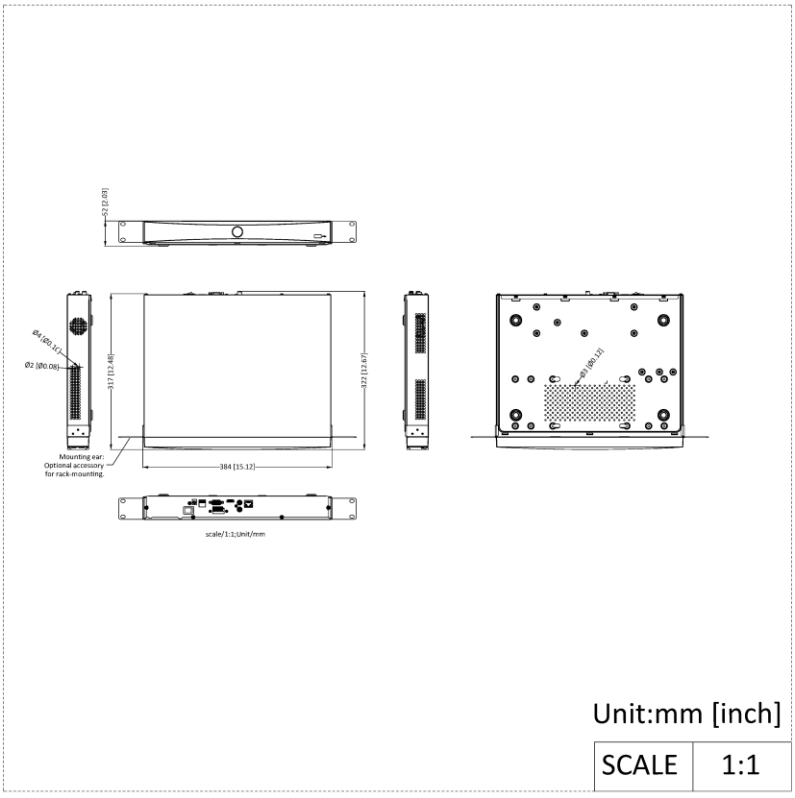


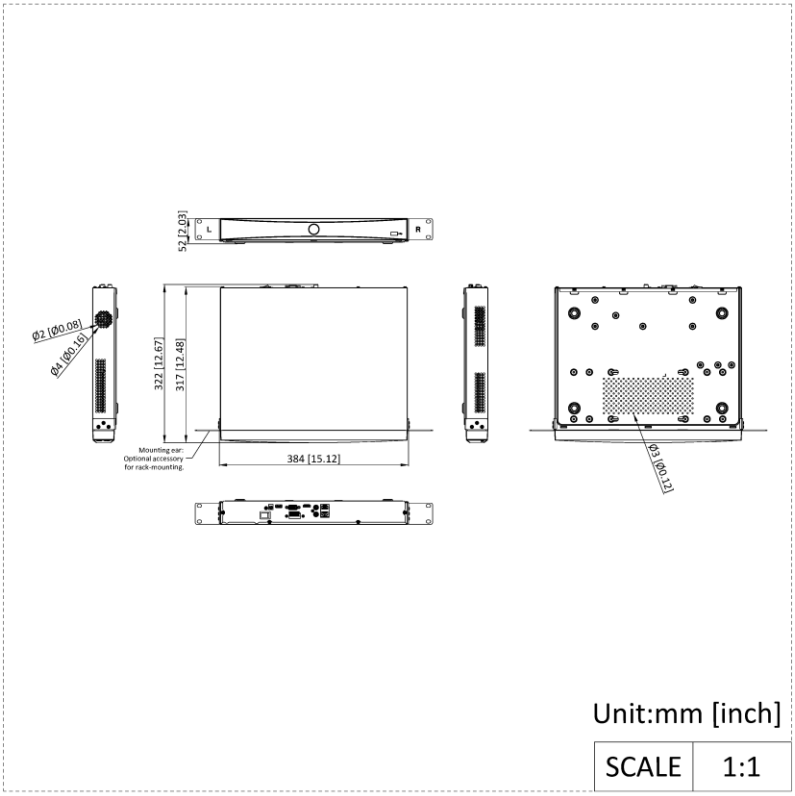
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▪ Available Model

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▪ Dimension





Unit:mm [inch]

SCALE	1:1

See Far, Go Further

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