HIKVISION®

DS-8664NXI-I8/S
64-ch 2U 4K AcuSense NVR

- H.265+/H.265/H.264+/H.264 video formats

- Intelligent analytics based on deep learning algorithm

- Up to 4-ch perimeter protection

- Up to 4-ch facial recognition for video stream

- Up to 8-ch facial recognition for face picture

- Up to 64-ch IP camera inputs

- Up to 32-ch 1080p decoding capability

- Up to 8-ch IP speakers can be connected

▪ Function

Compression and Recording

        H.265+ compression effectively reduces the storage space by up to 75%

        Full channel IP cameras connection

        Compatible with third-party network cameras

HD Video Output

        Provide independent HDMI and VGA outputs

        HDMI video output at up to 4K resolution

Storage and Playback

        Up to 8 SATA interfaces for HDD connection

        16-ch synchronous playback

Smart & POS Function

        Support multiple VCA (Video Content Analytics) events

        Smart search for the selected area in the video, and smart playback to improve the playback efficiency

        POS information overlay on live view and playback

        POS triggered recording and alarm

Network & Ethernet Access

        2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

        Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
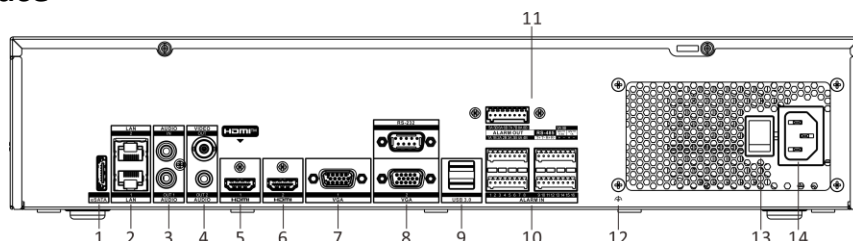
▪ Specification

Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA
Engine	1, engine mode is adjustable
Facial 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 50,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 1 GB)
Face Picture Comparison (Captured from Camera)	8-ch
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)
Motion Detection 2.0	
By NVR	All channels for Hikvision cameras
By Camera	All channels
Perimeter Protection	
By NVR	4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm; Up to 12 rules in total
By Camera	All channels
ANPR	
By Camera	All channels Support Countries & Regions: 1. Myanmar, Philippines, Indonesia, Vietnam, Pakistan, New Zealand, Australia, Sri Lanka, Singapore, Malaysia 2. Turkey, Croatia, Slovakia, Czech Republic, Bulgaria, Macedonia, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, The United Kingdom, Ireland, Germany, Italy, Austria, Palestine, Latvia, Lithuania, Estonia, Belgium, Luxembourg, Ukraine, Uzbekistan, Kazakhstan, Mongolia, Moldova, Kyrgyzstan, Azerbaijan, Georgia, Armenia, Albania, Kosovo, Belarus, Cyprus, Denmark, Finland, Malta, Portugal, Romania, Slovenia, Sweden, Israel, Bosnia and Herzegovina, Turkmenistan, Montenegro, Serbia, Tajikistan, Iceland, Liechtenstein 3. Argentina, Brazil, Chile, Colombia, Peru, Ecuador, Paraguay, Uruguay, Salvador, Bolivia, Canada, Algeria, Mexico, Panama, Costa Rica, Nigeria, Kenya, Mauritius, Tanzania, Cote d'Ivoire, South Africa, Tunisia, Sierra Leone, Zambia, Ghana, Zimbabwe, Uganda, Angola, Ethiopia, Republic of Trinidad and Tobago, Dominica, Guatemala, Senegal, Algeria, Cameroon 4. Qatar, Kuwait, Oman, Jordan, Lebanon, Iraq, United Arab Emirates, Saudi Arabia, Bahrain, Egypt, Libya
Vehicle Attributes	Plate number, license plate color, license plate type
Plate Attributes	Vehicle brand, vehicle color, vehicle type

Video and Audio	
IP Video Input	64-ch
Incoming Bandwidth	384 Mbps
Outgoing Bandwidth	256 Mbps
HDMI 1 Output	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
HDMI 2 Output	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 1 Output	1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA 2 Output	1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
Video Output Mode	HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output,HDMI1/HDMI2 independent output
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding	
Decoding Format	H.265+/H.265/H.264+/H.264
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Synchronous Playback	16-ch
Live View Window Division	1/2/4/6/8/9/16/25/32/36/64
Aux Port Window Division	1/2/4/6/8/9/16/25/32/36
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) Disable AI by NVR: 32-ch@1080p (30 fps)
Dual-Stream Recording	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM
Network	
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Camera Access Protocol	ONVIF(Version 2.5), RTSP
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10 Support global hot spare Notes: RAID function and AI functions are mutually exclusive.
Auxiliary Interface	
Serial Interface	1 RS-485 (full-duplex), 1 RS-232
SATA	8 SATA interfaces
Capacity	Up to 16 TB capacity for each disk
eSATA	1 eSATA interface

Alarm In/Out	16/9
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0
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, Hebrew
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 30 W (without HDD)
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
Working Humidity	10% to 90%
Chassis	2U chassis
Dimension (W × D × H)	440 × 457 × 94 mm (17.4"× 18.0" × 3.7")
Weight	≤ 7.1 kg (without HDD, 15.7 lb.)
Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, LOA
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

▪ Typical Application

▪ Physical Interface

No.	Description	No.	Description
1	eSATA interface	8	VGA 2 interface and RS-232 serial interface
2	LAN 1 and LAN 2 interfaces	9	USB 3.0 interfaces
3	Audio in and out	10	Alarm in
4	Audio out and video out	11	Alarm out, RS-485 serial interface, Ctrl 12V and DC 12V
5	HDMI 1 interface	12	GND
6	HDMI 2 interface	13	Power switch
7	VGA 1 interface	14	Power supply

▪ Available Model
DS-8664NXI-I8/S(NEU)(E)

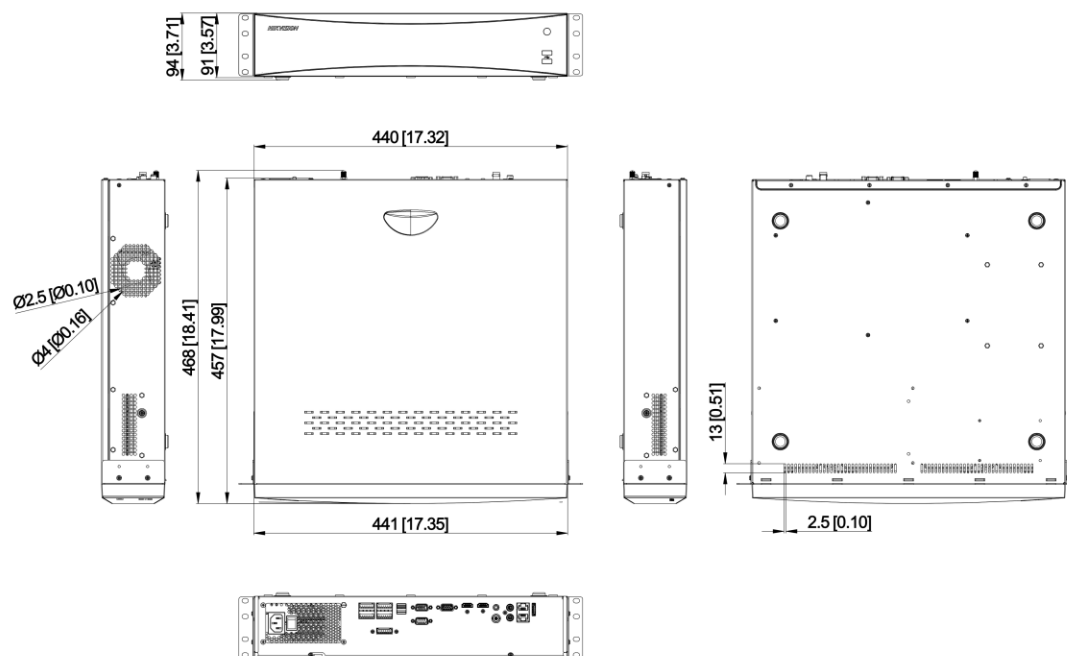DS-8664NXI-I8/S(STD)(E)

DS-8664NXI-I8/S(STD)(E)/MARVEL KAZ

DS-8664NXI-I8/S(STD)(E)/India-L

DS-8664NXI-I8/S(STD)(E)/QAT MOI

▪ Dimension

94 [3.71] 91 [3.57]

440 [17.32]

Ø2.5 [Ø0.10]
Ø4 [Ø0.16]

468 [18.41] 457 [17.99]

13 [0.51]

441 [17.35]

2.5 [0.10]

Unit:mm [inch]

| SCALE | 1:1 |

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