DS-7616NXI-K2

AcuSense Series NVR

Key Feature

- Up to 16-ch IP camera inputs

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

- Up to 2-ch @ 12MP or 3-ch @ 8MP or 6-ch @ 4MP or 12-ch @ 1080P decoding capacity

- Up to 160 Mbps incoming bandwidth

- Achieve major security improvements and efficiency gains with Hikvision AcuSense technology

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

2 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
16-ch synchronous playback

Smart Function

All-ch Motion Detection 2.0
1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
Smart search for the selected area in the video, and smart playback to improve the playback efficiency

Network & Ethernet Access

1 self-adaptive 10/100/1000 Mbps Ethernet interfaces
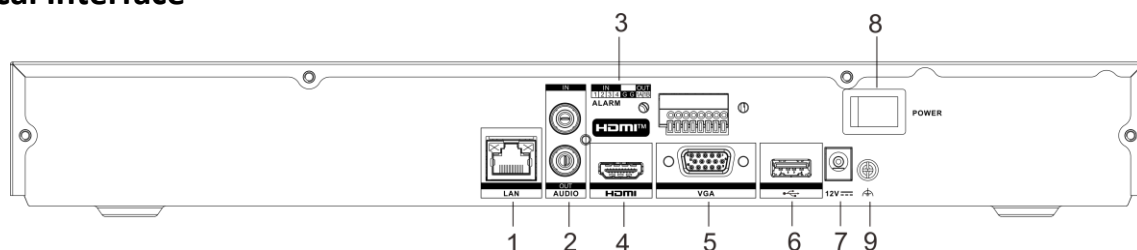Hik-Connect for easy network management

▪ Specification

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 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	1-ch human face capture
Face Picture Comparison	4-ch face picture comparison alarm
Motion Detection 2.0	
Human/Vehicle Analysis	16-ch
Video and Audio	
IP Video Input	16-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, 1280 × 1024/60Hz, 1280 × 720/60Hz
Audio Output	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Two-Way Audio	1-ch, RCA (Linear, 1 KΩ)
Video Output Mode	HDMI/VGA independent output
CVBS Output	N/A
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@12MP (30fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p(30 fps) AI off: 2-ch@12MP (30fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p(30 fps)
Stream Type	Video, Video ＆ Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC
Network	
Remote Connection	128
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 interfaces
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 10TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Alarm In/Out	4/1
General	
Power Supply	12VDC,3.3A

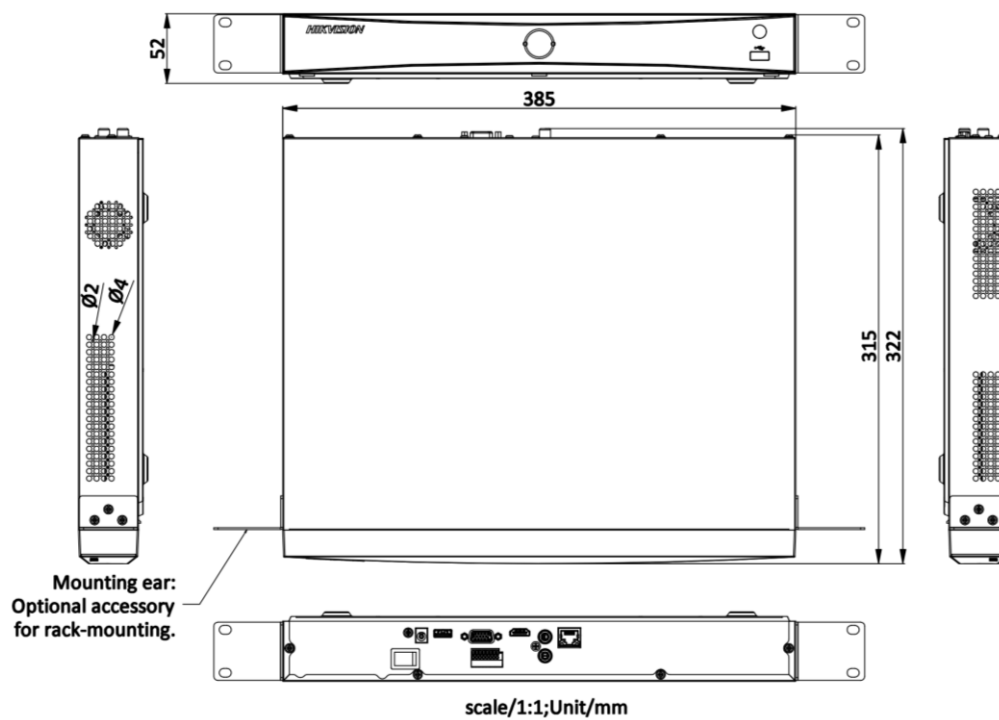| Consumption	≤15 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	385 × 315 ×52 mm
Weight	≤1 kg
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

▪ Available Model

DS-7616NXI-K2,DS-7616NXI-K2

▪ Physical Interface

No.	Description	No.	Description
1	Network Interface	6	USB 3.0 Interface
2	AUDIO IN and AUDIO OUT	7	DC 12V Power Output
3	ALARM IN and ALARM OUT	8	Power Switch
4	HDMI Interface	9	GND

▪ **Dimension**

385

52

315
322

Ø2 Ø4

Mounting ear:
Optional accessory
for rack-mounting.

scale/1:1;Unit/mm

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