

DS-7616NXI-K2/16P **AcuSense NVR**

Key Feature

- Up to 16-ch IP camera inputs, plug & play with 16 power-over-Ethernet (PoE) interfaces
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs















Smart Function

- All channels support Motion Detection 2.0
- 2-ch video analysis for human and vehicle recognition to reduce false alarm
- 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

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 independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

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

Network & Ethernet Access

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



Specification

| Intelligent Analytics | | | | |
|--|--|--|--|--|
| AI by Device | Facial recognition, perimeter protection, motion detection 2.0 | | | |
| Al by Camara | Facial recognition, perimeter protection, throwing objects from building, motion | | | |
| Al by Camera | detection2.0, ANPR, VCA | | | |
| 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, 8 MP | | | |
| Face Picture Comparison | 4-ch | | | |
| Motion Detection 2.0 | | | | |
| D. Davies | All channels, 4 MP (when enhanced SVC mode is enabled, up to 8 MP) video analysis for | | | |
| By Device | human and vehicle recognition to reduce false alarm | | | |
| By Camera | All channels | | | |
| Perimeter Protection | | | | |
| By Davica | 2-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle | | | |
| By Device | recognition to reduce false alarm | | | |
| By Camera | All channels | | | |
| Video and Audio | | | | |
| IP Video Input | 16-ch | | | |
| Incoming Bandwidth | 160 Mbps | | | |
| Outgoing Bandwidth | 160 Mbps | | | |
| HDMI Output | 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × | | | |
| Tibivii Output | 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz | | | |
| VGA Output | 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz | | | |
| Video Output Mode | HDMI/VGA independent output | | | |
| CVBS Output | N/A | | | |
| Audio Output | 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) | | | |
| Two-Way Audio | 1-ch, RCA (Linear, 1 KΩ) | | | |
| 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/QCIF | | | |
| Synchronous playback | hronous playback 16-ch | | | |



| | AI on: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 | | | | |
|-----------------------|--|--|--|--|--|
| Decoding Capability | fps) | | | | |
| | AI off: 2-ch@12 MP (30 fps)/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 | | | | |
| API | ONVIF (profile S/G); SDK; ISAPI | | | | |
| Compatible Browser | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, 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 | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | | | | |
| PoE | | | | | |
| Interface | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface | | | | |
| Power | ≤ 200 W | | | | |
| Standard | IEEE 802.3af/at | | | | |
| Auxiliary Interface | | | | | |
| SATA | 2 SATA interfaces | | | | |
| Capacity | Up to 10 TB capacity for each HDD | | | | |
| USB Interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0 | | | | |
| Alarm In/Out | 4/1 | | | | |
| General | | | | | |
| | English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, | | | | |
| | Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish | | | | |
| GUI Language | Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, | | | | |
| | Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, | | | | |
| | Kyrgyz , Brazilian Portuguese, Indonesian | | | | |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz | | | | |
| Consumption | ≤ 15 W (without HDD and PoE off) | | | | |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) | | | | |
| Working Humidity | 10% to 90% | | | | |
| Dimension (W × D × H) | 385 mm × 315 mm × 52 mm (15.2"× 12.4" × 2.0") | | | | |
| Weight | ≤ 3 kg (without HDD, 6.6 lb.) | | | | |
| Certification | | | | | |
| FCC | Part 15 Subpart B, ANSI C63.4-2014 | | | | |



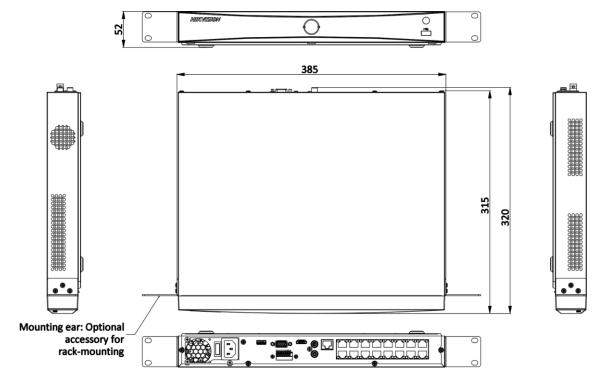
| CE | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017 |
|------------------------|--|
| Obtained Certification | CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS |

Note:

Facial recognition, motion detection 2.0 or perimeter protection cannot be enabled at the same time.



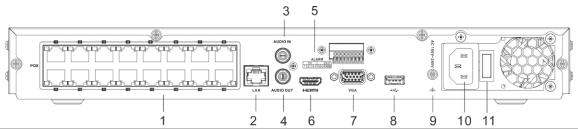
Dimension



scale/1:1;Unit/mm



Physical Interface



| No. | Description | No. | Description |
|-----|--------------------------------------|-----|---------------|
| 1 | Network interfaces with PoE function | 7 | VGA interface |
| 2 | LAN network interface | 8 | USB interface |
| 3 | AUDIO IN | 9 | GND |
| 4 | AUDIO OUT | 10 | Power supply |
| 5 | ALARM IN and OUT | 11 | Power switch |
| 6 | HDMI interface | | |

Available Model

DS-7616NXI-K2/16P

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