

DS-7616NXI-K1(E)(标配) 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

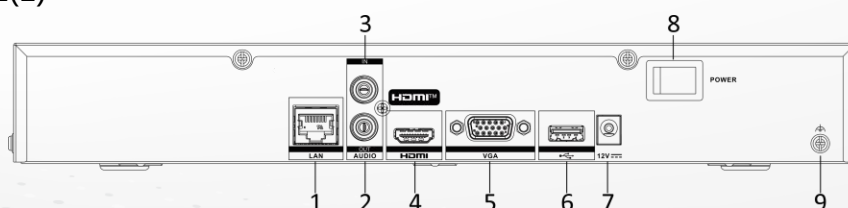
▪ Specification

| Model | | DS-7616NXI-K1(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 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 Comparison | 8-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) |
| 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; 8 MP to 5 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 | 80 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, 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 | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| Auxiliary Interface | SATA | 1 SATA interface |
| | Capacity | Up to 16 TB capacity for each HDD |
| | Alarm In/Out | NA |
| | 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 |
| | Power Supply | 12 VDC, 1.5 A |
| | Consumption | ≤ 10 W (without HDD) |
| | Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| | Working Humidity | 10% to 90% |
| | Dimension (W × D × H) | 319 mm × 240 mm × 48 mm (12.56 × 9.43 × 1.87 inch) |
| | Weight | ≤ 1.2 kg (without HDD, 2.6 lb.) |
| Certification | CE | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 55035: 2017 |
| | Obtained Certification | CE, CB, REACH, WEEE, UKCA, RCM, IC |

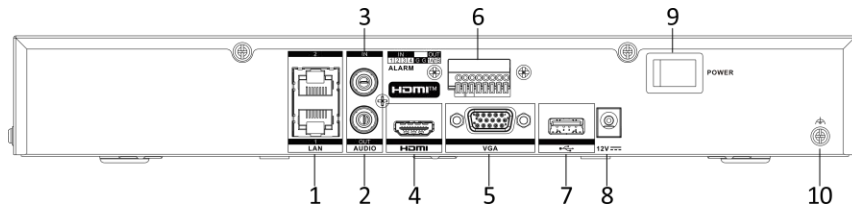
Physical Interface

DS-7616NXI-K1(E)



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

DS-7616NXI-K1(E)/IO4+1&2Lan

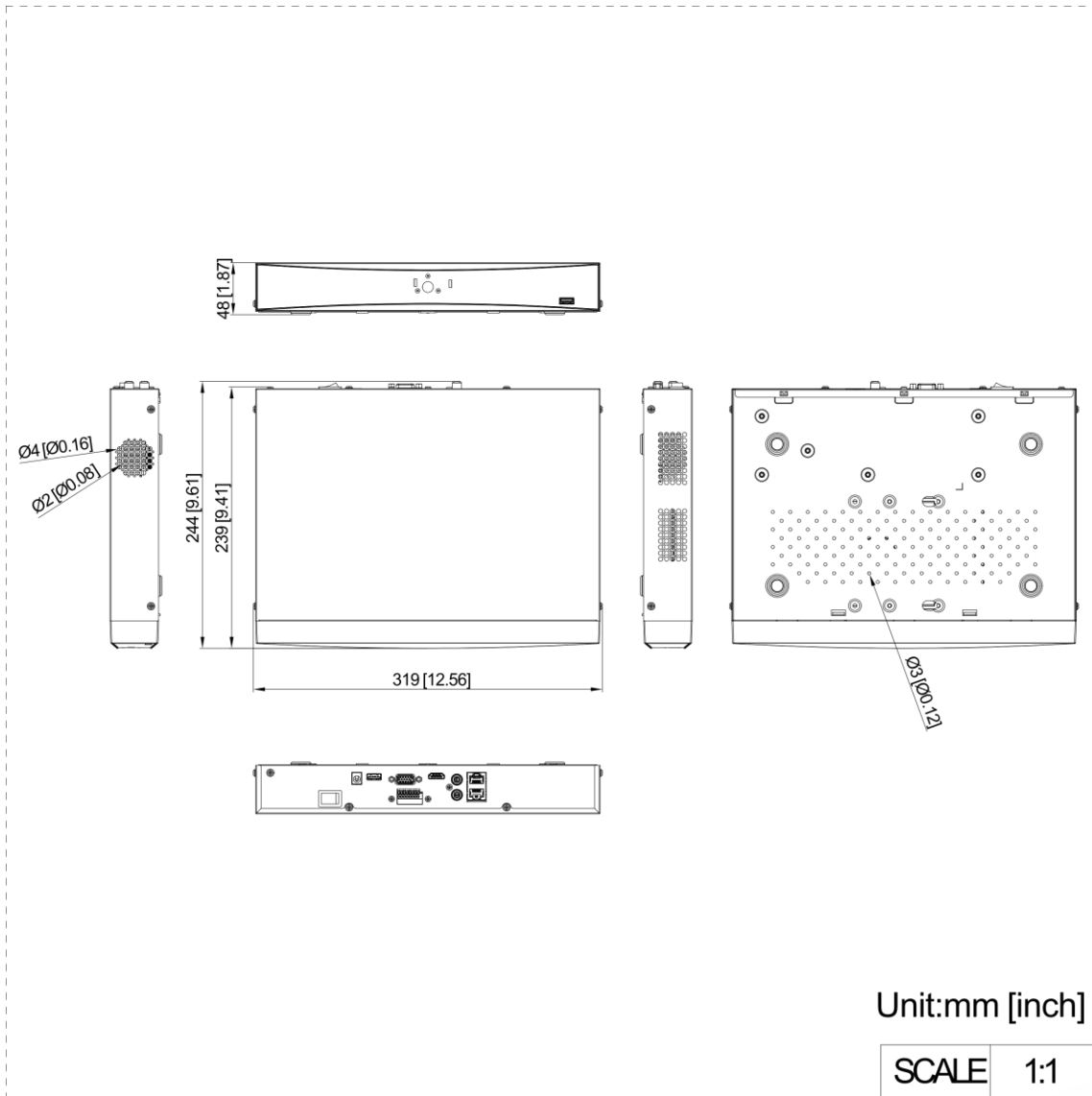


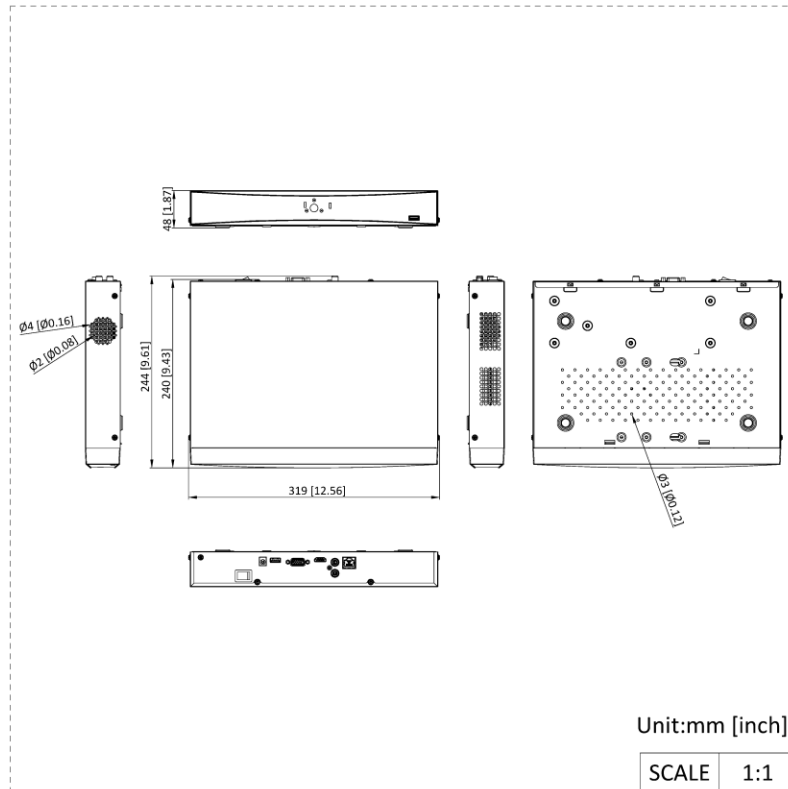
| Number | Description | Number | Description |
|--------|-----------------------|--------|----------------------|
| 1 | LAN network interface | 6 | Alarm in / Alarm out |
| 2 | Audio out | 7 | USB interface |
| 3 | Audio in | 8 | 12 VDC power input |
| 4 | HDMI interface | 9 | Power switch |
| 5 | VGA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

▪ Available Model

DS-7616NXI-K1(E)

▪ Dimension





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