

Network Video Recorder

NVR304-X Series



Key Features

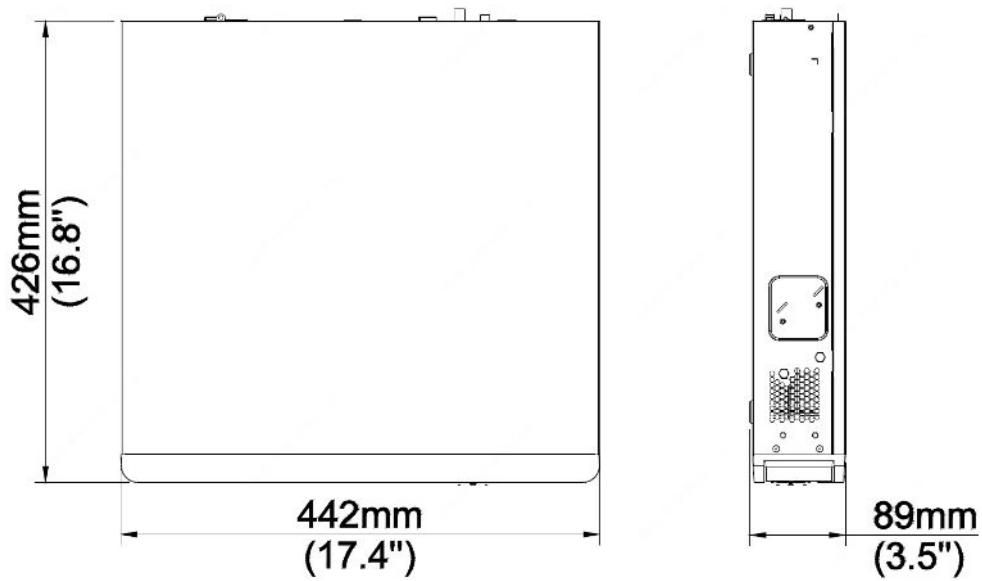
- Support Ultra 265/H.265/H.264 video formats
- 16/32-channel input
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 2-ch HDMI, 1-ch VGA. HDMI1 and HDMI2 up to 4K (3840x2160) resolution
- HDMI1, HDMI2, VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Support RAID 1, 5
- 4 SATA HDDs, Up to 10TB for each HDD
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

Specifications

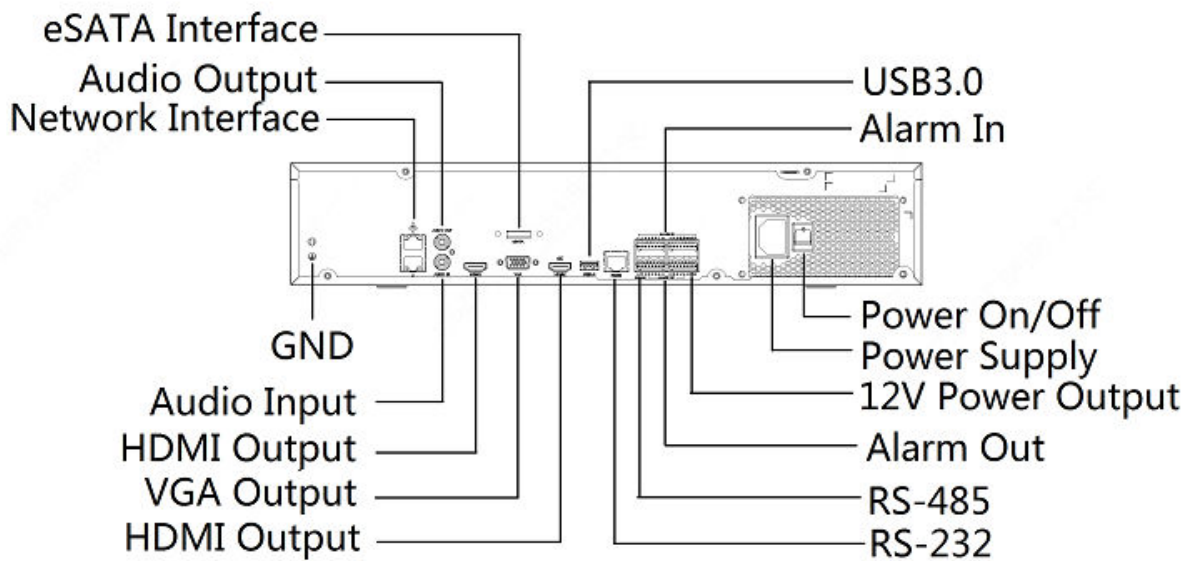
| Model | NVR304-16X | NVR304-32X |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Video/Audio Input | | |
| IP Video Input | 16-ch | 32-ch |
| Two-way Audio Input | 1-ch, RCA | |
| Network | | |
| Incoming Bandwidth | 384Mbps | |
| Outgoing Bandwidth | 384Mbps | |
| Remote Users | 128 | |
| Protocols | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS | |
| Browser | IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows | |
| Video/Audio Output | | |
| HDMI/VGA Output | VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI1/HDMI2(HDMI audio output is not supported): 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz | |
| Recording Resolution | 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF | |
| Audio Output | 1-ch, RCA | |
| Audio Compression | G.711A, G.711U | |
| Synchronous Playback | 16-ch | |
| Liveview display | 1/4/6/8/9/16 | 1/4/6/8/9/16/25/36 |
| Corridor Mode Screen | 3/4/5/7/9/10/12/16 | 3/4/5/7/9/10/12/16/32 |
| Snapshot | | |
| FTP/Schedule/Event Snapshot | 16-ch snapshot, up to 4K resolution | 32-ch snapshot, up to 4K resolution |
| Decoding | | |
| Decoding format | Ultra 265, H.265, H.264 | |
| Live view/Playback | 12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF | |
| Capability | 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080p@30 | 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080p@30, 32 x 960p@25 |
| Hard Disk | | |
| SATA | 4 SATA interfaces | |
| Capacity | up to 10TB for each HDD | |
| eSATA | 1 eSATA interface | |
| Disk Group | Support | |
| Disk Array | | |
| Array Type | RAID 1, 5 | |
| Smart | | |

| | |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VCA Detection by Camera | Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left Behind, Object Removed, Vehicle Control, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), Ultra Motion Detection(UMD), Video Metadata, Traffic Monitoring |
| VCA Search | Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report |
| People Counting | People Flow Counting, Crowd Density Monitoring |
| Smart Intrusion Prevention (SIP), Vehicle Detection, Temperature Detection, UMD, Video Metadata, Traffic Monitoring by Camera | Total 16-ch |
| General Alarm | |
| General Alarm | Motion, Tampering, Human Body Detection, Video Loss, Alarm input, Audio Detection |
| Alert Alarm | IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal |
| External Interface | |
| Network Interface | 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces |
| USB Interface | Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0 |
| RS232 | 1 |
| RS485 | 1 |
| Alarm In | 16-ch |
| Alarm Out | 4-ch |
| General | |
| Power Supply | 100~240 VAC Power Consumption: ≤ 25 W (without HDD) |
| Working Environment | -10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing) |
| Dimensions (W×D×H) | 442mm ×426mm× 89mm (17.4" × 16.8"× 3.5") |
| Weight (without HDD) | ≤ 5.7Kg (12.57lb) |
| Certification | |
| Certification | CE, FCC, UL, RoHS, WEEE |
| CE | EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017 |
| FCC | Part15 Subpart B, ANSI C63.4 |

Dimensions



Rear Panel



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* Product specifications and availability are subject to change without notice.