

Network Video Recorder NVR304-E2-P Series



Features

- Support Ultra H.265/H.265/H.264 video formats
- 16/32-channel input
- Plug & Play with 16 independent PoE network interfaces
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- HDMI and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Support RAID 1, 5
- 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 | NVR304-16E2-P16 | NVR304-32E2-P16 |
|---------------------------------|---|--|
| Decoding | | |
| Decoding Format | Ultra 265, H.265, H.264 | |
| Decoding Capability | 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 | 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 22 x 720P@30, 32 x D1 |
| Decoding Capability Description | The resolution of each channel cannot exceed 8192 pixels in length or width, For VGA/HDMI independent output, the VGA live video is output by default. To output the highest resolution video from the HDMI port, please clear the VGA video on the preview page. | |
| Audio Compression | G.711A, G.711U | |
| Network | | |

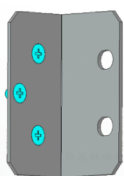
| | | |
|-------------------------------|---|--|
| Incoming Bandwidth | 320 Mbps | |
| Outgoing Bandwidth | 320 Mbps | |
| Remote Users | 128 | |
| Protocols | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, RTSP, 802.1x, IPv6, IPv4 | |
| Browser (Plugin) | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ | |
| Video/Audio Input | | |
| IP Video Input | 16-ch | 32-ch |
| RCA Audio Input | 1-ch | |
| Video/Audio Output | | |
| HDMI Output | 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz | |
| VGA Output | 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz | |
| RCA Audio Output | 1-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 |
| Two-way Audio | | |
| Two-way Audio | 1-ch, RCA (Using the audio input and output) | |
| Snapshot | | |
| FTP/Schedule/Event Snapshot | 16-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution) | |
| Recording | | |
| Recording Resolution | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF | |
| Synchronous Playback in Local | 16-ch | |
| Smart | | |
| VCA Detection by IPC | Face Detection, Face Comparison, Vehicle Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection (UMD), Temperature Detection (Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), People Counting (People Flow Counting, Crowd Density Monitoring) | |
| VCA Search | Face Snapshot Search, Face Comparison Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map | |
| Smart by IPC | All channels (up to 8 images/s in total)Face Detection, Face Comparison, Vehicle Detection, SIP, UMD, Temperature Detection | All channels (up to 16 images/s in total)Face Detection, Face Comparison, Vehicle Detection, SIP, UMD, Temperature Detection |
| Alarm | | |
| General Alarm | Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, 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 | |
| GUI Language | | |

| | |
|---------------------------------|---|
| GUI Language | 38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian |
| Hard Disk | |
| SATA | 4 SATA Interfaces |
| Capacity | Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature) |
| Disk Array Type | RAID 1, 5 |
| External Interface | |
| Network Interface | 1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface |
| USB | Rear panel: 1 × USB3.0, Front panel: 1 × USB2.0 |
| RS485 | 1 |
| RS232 | N/A |
| Alarm In | 16-ch |
| Alarm Out | 4-ch |
| Power Supply | AC 100 to 240 V |
| Power Switch | Support |
| PoE | |
| PoE Interface | 16 RJ45 10 M/100 M self-adaptive Ethernet Interface |
| Max Power | Max 30 W for single port, Max 150 W in total |
| Supported Standard | IEEE 802.3at, IEEE 802.3af |
| Working Environment | |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | ≤ 90% RH (non-condensing) |
| Power Consumption (without HDD) | ≤ 20W |
| Dimensions | |
| Weight (without HDD) | ≤ 4Kg (8.82lb) |
| Dimensions | 400mm × 363mm × 74mm (15.7"×14.3"×2.9") |
| Certification | |
| Certification | CE; FCC; UL; RoHS; WEEE |
| CE | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035 |
| FCC | Part15 Subpart B |

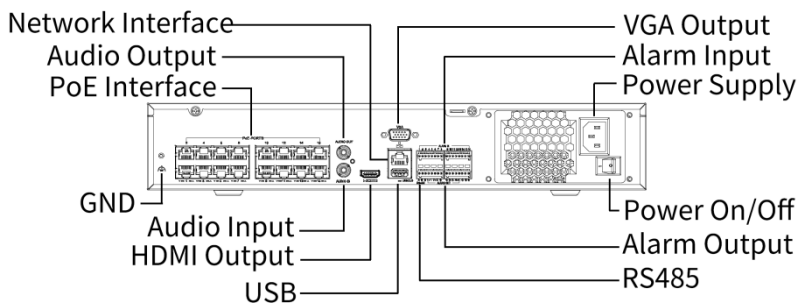
Accessories

RM-1.5U-400

4HDD 1.5U NVR Rack Mount



Rear Panel



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