

Network Video Recorder NVR824-R-IX2 Series



Features

- Support Ultra 265/H.265/H.264 video formats
- Support 96/192-channel input
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K (3840x2160) resolution
- Support HDMI1, HDMI2 and VGA independent outputs provided
- Support up to 8 Megapixels resolution recording
- Support redundant power supply optional
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- Support 2 miniSAS Interfaces
- Support 12V power output
- Support ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare

Specifications

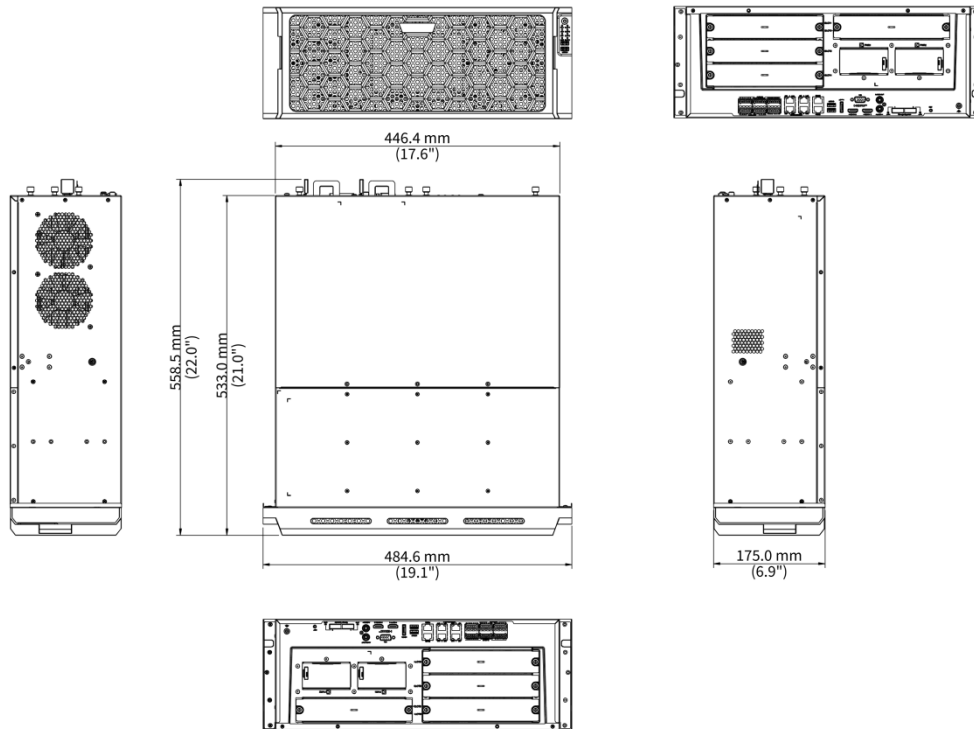
| Model | NVR824-128-R-IX2-8G | NVR824-256-R-IX2-16G |
|---------------------------------|---|----------------------|
| Decoding | | |
| Decoding Format | Ultra 265, H.265, H.264 | |
| Decoding Capability | 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@20, 10 x 3MP@20, 16 x 1080P@30, 32 x 720P@30, 64 x D1 | |
| Decoding Capability Description | The resolution of each channel cannot exceed 4096 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 | 768 Mbps | |
| Outgoing Bandwidth | 768 Mbps | |
| Max Remote Users | 128 | |
| Protocols | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, 802.1x, IPv6, IPv4 | |
| Browser (Plugin) | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ | |
| Video/Audio Input | | |
| IP Video Input | 128-ch | 256-ch |
| RCA Audio Input | 1-ch | |
| Peripheral Input | | |
| Ip Speaker | 16-ch | |
| POS | All channels | |
| Video/Audio Output | | |
| Video Output | Support 2-ch HDMI, 1-ch VGA, HDMI1 and HDMI2 and VGA independent output | |
| HDMI Output | 4K (3840 × 2160)/30 Hz, 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 | VGA: 1/4/6/8/9/16/25/36; HDMI: 1/4/6/8/9/16/25/36/64 | |
| Corridor Mode Screen | 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 | Full-ch snapshot (max. 4000 × 3000 video resolution, with snapshot resolution same as the video 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 Function | | |
| Smart by IPC | All channels (up to 64 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring, People Counting | |

| | | |
|--------------------------------|---|---|
| Smart by NVR | Face Detection, Face Comparison, People Counting (People Flow Counting, Crowd Density Monitoring), Video Metadata, Smart Intrusion Prevention (SIP), Behavior Analysis, Evacuation Route Obstruction, Plate Comparison, Elevator Entrance Detection, Illegally Parked Motor Vehicle | |
| Smart by NVR Analyzer Mode | Mixed Mode (Face Recognition+SIP+Behavior Analysis+People Counting), Mixed Mode (Mixed-Traffic Dection+AcuSearch/AcuTrack) | |
| VCA Search | Face Snapshot Search, Face Comparison Search, Behavior Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, SmartSearch+, AcuSearch, AcuTrack, SeekFree | |
| AcuSearch | | |
| Acu Search Performance | All channels with UNV SIP/UMD Camera Up to 96-ch with normal camera (UNV and Third-part brand, 96-ch 2MP, 48-ch 4MP, 24-ch 4K) | All channels with UNV SIP/UMD Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K) |
| AcuTrack | | |
| Acu Track Performance | All channels with UNV SIP/UMD Camera Up to 96-ch with normal camera (UNV and Third-part brand, 96-ch 2MP, 48-ch 4MP, 24-ch 4K) | All channels with UNV SIP/UMD Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K) |
| SeekFree | | |
| SeekFree Performance | All channels with UNV SIP/UMD Camera Up to 96-ch with normal camera (UNV and Third-part brand, 96-ch 2MP, 48-ch 4MP, 24-ch 4K) | All channels with UNV SIP/UMD Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K) |
| SeekFree Language | English | |
| face detection | | |
| face detection by NVR | All channels with UNV Face Detection Camera Up to 96-ch with normal camera (UNV and Third-part brand, 96-ch 2MP, 48-ch 4MP, 24-ch 4K) | All channels with UNV Face Detection Camera Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K) |
| Search by Image | Support | |
| Plate Comparison | | |
| Plate Comparion by NVR | All channels with UNV LPR Camera, normal/Third-part brand cameras not supported | |
| Plate Library | Up to 5 plate libraries, with up to 25000 plates in total | |
| SIP | | |
| SIP by NVR with normal cameras | Up to 96-ch with normal camera (UNV and Third-part brand, 96-ch 2MP, 48-ch 4MP, 24-ch 4K) | Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K) |
| UMD | | |
| UMD by NVR with normal cameras | N/A | |
| analysis | | |
| analysis with normal cameras | Up to 96-ch with normal camera (UNV and | Up to 192-ch with normal camera (UNV and |

| | | |
|---|--|---|
| | Third-part brand, 96-ch 2MP, 48-ch 4MP, 24-ch 4K) | Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K) |
| analysis Type | No Helmet Detection, No Chef Hat Detection, No Work Clothes Detection, Smoking Detection, Smoke and Fire Detection, Calling Detection, No Mask Detection, Rat Detection, Long Stay Detection, Fall Detection, Fight Detection, Absence Detection, Climbing Detection, Sleep on Duty Detection, People Counting, Using Mobile Phone Detection, People Gathering, People Dispersion, No Reflective Clothing Detection, Quick Moving, Knife/Stick in Hand Detection | |
| Video Metadata | | |
| Video Metadata by NVR with normal cameras | Up to 96-ch with normal camera (UNV and Third-part brand, 96-ch 2MP, 48-ch 4MP, 24-ch 4K) | Up to 192-ch with normal camera (UNV and Third-part brand, 192-ch 2MP, 96-ch 4MP, 48-ch 4K) |
| Video Metadata Type | Motor Vehicle: Vehicle Type, Vehicle Color, Vehicle Brand, Direction, Plate Type, Plate Color, Non-Motor Vehicle: Non-Motor Vehicle Type, Direction, Gender, Age, Upper Garment Length, Upper Garment Color, Human Body: Gender, Age, Mask, Hairstyle, Bag Style, Direction, Upper Garment Length, Lower Garment Length, Upper Garment Color, Lower Garment Color | |
| Alarm | | |
| General Alarm | Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Audio Detection, Alarm Input | |
| Alert Alarm | IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal, High CPU Temperature, High Motherboard Temperature, Array Damaged, Array Degraded | |
| Hard Disk | | |
| SATA | 24 SATA Interfaces | |
| Capacity | Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C.) | |
| Disk Group | Support | |
| Redundant Storage | Support | |
| Disk Array Type | RAID 0, 1, 5, 6, 10, 50, 60 | |
| Hot Swap | Support | |
| External Interface | | |
| Network Interface | 4 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface | |
| USB | Front panel: 2 × USB2.0, Rear panel: 2 × USB3.0 | |
| RS485 | 1 | |
| RS232 | 1 | |
| Alarm In | 24-ch | |
| Alarm Out | 8-ch | |
| eSATA | 1 | |
| miniSAS | 2 | |
| Power Output | 12 V | |
| Extension Board | 4 | |
| Buzzer | Support | |
| Power Supply | AC 100 to 240 V | |
| Power Switch | Support | |

| | |
|---------------------------------|---|
| Redundant Power Supply | Support |
| Working Environment | |
| Working Temperature | -10 °C to 50 °C (14 °F to 122 °F) |
| Working Humidity | ≤ 90% RH (non-condensing) |
| Power Consumption (without HDD) | ≤350W |
| Dimensions | |
| Weight (without HDD) | 15KG |
| Height | 4U |
| Dimensions | 482mm × 559mm × 175mm (19.0" × 22.0" × 6.9") |
| 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 |
| 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 |

Dimensions



Accessories

| | | |
|---|--|---|
| <p>FB-HD04-B-NB 4-ch HDMI Output Decoding Card</p>  | <p>FB-HD07-B-NB 7-ch HDMI Output Decoding Card</p>  | <p>DEU1016-B 16 HDDs 3U Disk Enclosure</p>  |
| <p>SL-A Slide Rail</p>  | <p>PWR-DC12-550A-IN 550W Power Accessories Module</p>  | |

Unlimited New View

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