

Network Video Recorder NVR502-32E-IX-G



Features

- Support Ultra H.265/H.265/H.264 video formats
- 32-channel input
- Support 2-ch HDMI, 2-ch VGA. HDMI up to 4K (3840x2160) resolution
- Support HDMI and VGA independent output
- Up to 16 Megapixels resolution recording
- ANR technology to enhance the storage reliability when the network is disconnected
- Support Search by text function: up to 16-ch with 3rd party IPC, up to 32-ch with UNV SIP/UMD IPC
- Supports external USB keyboards
- Supports Video Metadata, Diverse Algorithms by NVR
- Support cloud upgrade

Specifications

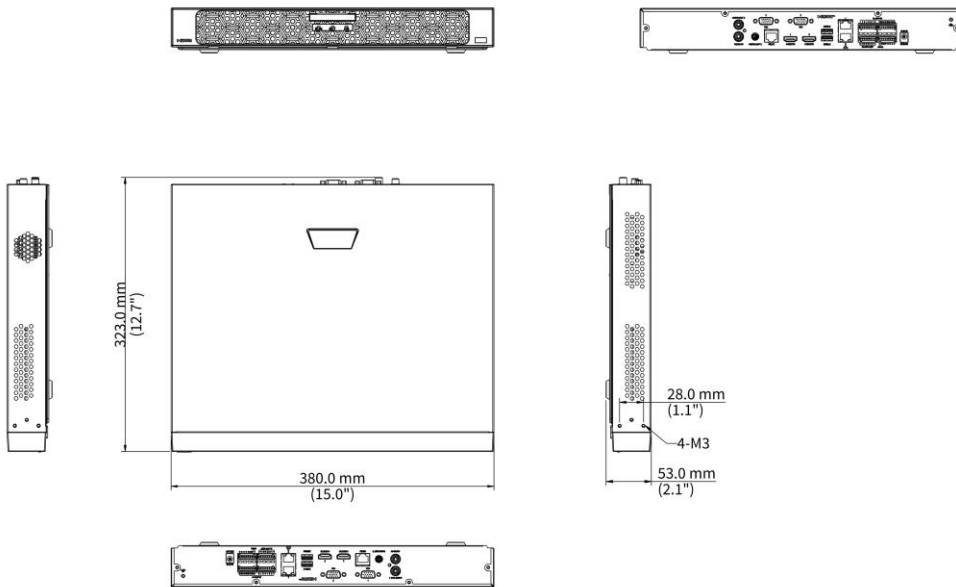
| Model | NVR502-32E-IX-G |
|---------------------------------|--|
| Decoding | |
| Decoding Format | Ultra 265, H.265, H.264 |
| Decoding Capability | Smart Off: 4 x 16MP@30, 8 x 4K@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30 Smart On: 2 x 16MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 720P@30 |
| Decoding Capability Description | The resolution of each channel cannot exceed 4096 pixels in length or width |

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|-------------------------------|---|
| Audio Compression | G.711A, G.711U |
| Network | |
| Incoming Bandwidth | 192 Mbps |
| Outgoing Bandwidth | 192 Mbps |
| Max Users Can Be Added | 32 |
| Remote Users | 128 |
| Protocols | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS, IPv6, IPv4 |
| Browser (Plugin) | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+ |
| Video/Audio Input | |
| IP Video Input | 32-ch |
| RCA Audio Input | 1-ch |
| Video/Audio Output | |
| Video Output | Support 2-ch HDMI, 2-ch VGA, HDMI1 and VGA1 simultaneous output, HDMI2 and VGA2 simultaneous output, HDMI1/VGA1 and HDMI2/VGA2 independent output |
| HDMI Output | 4K (3840 × 2160)/30 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz |
| VGA Output | 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz |
| RCA Audio Output | 2-ch |
| Liveview Display | 1/4/6/8/9/16/25/32 |
| 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 | 16-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 1080P snapshot resolution) |
| Recording | |
| Recording Resolution | 16 MP/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), Video Metadata, Traffic Monitoring |
| Smart by NVR | Face Detection, Face Comparison, Smart Intrusion Prevention (SIP), Behavior Analysis, Elevator Entrance Detection, Illegally Parked Motor Vehicle, Evacuation Route Obstruction, 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, AcuSearch, Search by text |
| Smart by IPC | All channels (up to 16 images/s in total) Face Detection, Face Comparison, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring |
| Search by Image | Support |
| Vehicle Picture Library | Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total |

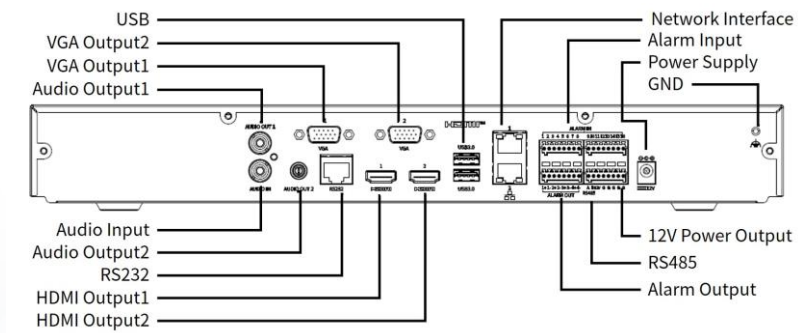
| | |
|------------------------------|---|
| SIP by NVR | 16-ch |
| UMD by NVR | N/A |
| with normal cameras | 16-ch |
| Type | No Helmet Detection, No Chef Hat Detection, No Work Clothes Detection, Smoking Detection, Smoke and Fire Detection, Calling Detection, No Mask Detection, Rat Detection, Long Stay Detection, Fall Detection, Fight Detection, Absence Detection, Climbing Detection, Sleep on Duty Detection, People Counting, Using Mobile Phone Detection, People Gathering, People Dispersion, Quick Moving |
| Video Metadata by NVR | 16-ch |
| Video Metadata Type by NVR | Motor Vehicle: Vehicle Type, Vehicle Color, Vehicle Brand, Direction, Plate Type, Plate Color., Human Body: Gender, Age, Mask, Hairstyle, Bag Style, Direction, Upper Garment Length, Lower Garment Length, Upper Garment Color, Lower Garment Color., Non-Motor Vehicle: Non-Motor Vehicle Type, Direction, Gender, Age, Upper Garment Length, Upper Garment Color. |
| Capacity of Snapshot Records | 2 millions records for face snapshot, 2 millions records for behavior analysis and SIP |
| 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 |
| 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 | 2 SATA Interfaces |
| Capacity | Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature) |
| Disk Group | Support |
| Redundant Storage | Support |
| External Interface | |
| Network Interface | 2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface |
| USB | Front panel: 1 × USB2.0, Rear panel: 2 × USB3.0 |
| RS485 | 1 |
| RS232 | 1 |
| Alarm In | 16-ch |
| Alarm Out | 4-ch |
| Power Output | 12 V |
| Power Supply | DC 12 V/5 A |
| Working Environment | |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | ≤ 90% RH (non-condensing) |
| Power Consumption (without | ≤ 25W |

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|----------------------|--|
| HDD) | |
| Dimensions | |
| Weight (without HDD) | 1.87 KG |
| Height | 1U |
| Dimensions | 380mm × 322.4mm × 53mm (15.0" × 12.7" × 2.1") |
| 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




Rear Panel



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