

## Network Video Recorder

### NVR508-E-R-IQ Series



## Features

- Support Ultra 265/H.265/H.264 video formats
- 32/64-channel input
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 2 HDMI and 2 VGA. VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 independent output
- Up to 32 Megapixels resolution recording
- Support N+1 Hot spare
- Support HDD hot swap with RAID 0, 1, 5, 6, 10 storage scheme configurable
- Redundant power supply optional
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

## Specifications

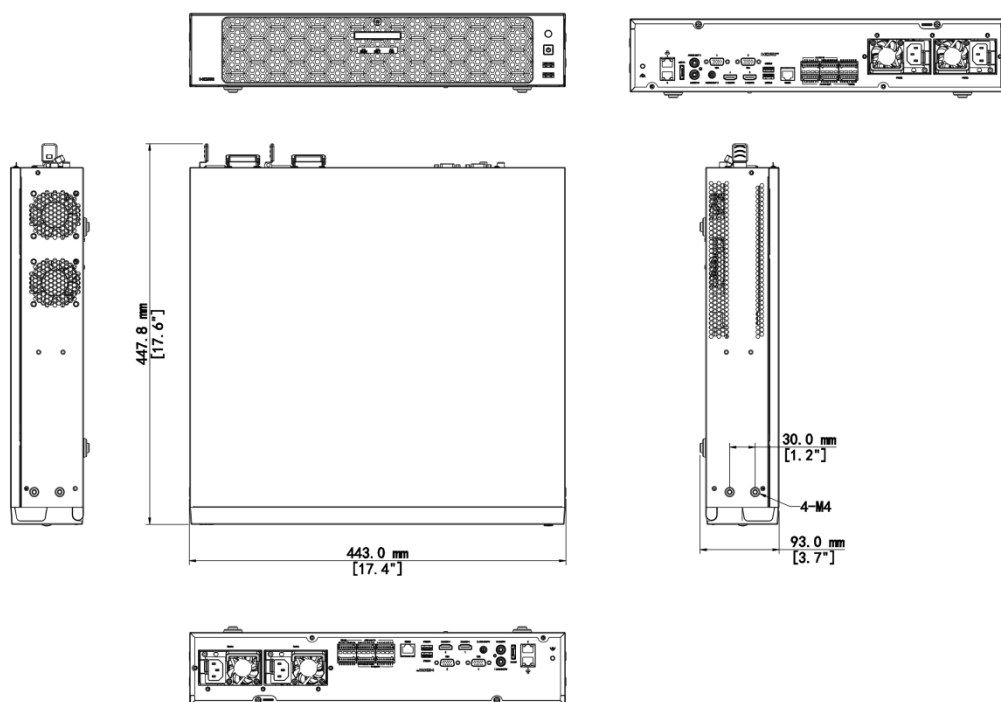
| Model               | NVR508-32E-R-IQ                                                                                                                                                                                                                                                             | NVR508-64E-R-IQ                                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Decoding            |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                           |
| Decoding Format     | Ultra 265, H.265, H.264                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                           |
| Decoding Capability | Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30<br>Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 32 x 720P@30 | Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30, 20 x 3MP@30, 32 x 1080P@30, 64 x 720P@30<br>Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30, 24 x 1080P@30, 48 x 720P@30 |

|                                 |                                                                                                                                                                                                                                                                                                                                                                               |                                                                        |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Decoding Capability Description | The resolution of each channel cannot exceed 8192 pixels in length or width                                                                                                                                                                                                                                                                                                   |                                                                        |
| Audio Compression               | G.711A, G.711U                                                                                                                                                                                                                                                                                                                                                                |                                                                        |
| Network                         |                                                                                                                                                                                                                                                                                                                                                                               |                                                                        |
| Incoming Bandwidth              | Smart Off: 384Mbps<br>Smart On: 200Mbps                                                                                                                                                                                                                                                                                                                                       |                                                                        |
| Outgoing Bandwidth              | Smart Off: 384Mbps<br>Smart On: 200Mbps                                                                                                                                                                                                                                                                                                                                       |                                                                        |
| Remote Users                    | 128                                                                                                                                                                                                                                                                                                                                                                           |                                                                        |
| Protocols                       | TCP/IP, P2P, 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                  | 32-ch                                                                                                                                                                                                                                                                                                                                                                         | 64-ch                                                                  |
| RCA Audio Input                 | 1-ch                                                                                                                                                                                                                                                                                                                                                                          |                                                                        |
| Video/Audio Output              |                                                                                                                                                                                                                                                                                                                                                                               |                                                                        |
| HDMI Output                     | 4K (3840 × 2160)/60 Hz, 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                | HDMI1 and VGA1: 1/4/6/8/9/16/25/32;<br>HDMI2 and VGA2: 1/4/6/8/9/16                                                                                                                                                                                                                                                                                                           | HDMI1 and VGA1: 1/4/6/8/9/16/25/36/64;<br>HDMI2 and VGA2: 1/4/6/8/9/16 |
| Corridor Mode Screen            | HDMI1 and VGA1: 3/4/5/7/9/10/12/16/32; HDMI2 and VGA2: 3/4/5/7/9/10/12/16                                                                                                                                                                                                                                                                                                     |                                                                        |
| 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            | 32 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF                                                                                                                                                                                                                                                                                                        |                                                                        |
| 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), Ultra Motion Detection (UMD)                                                                                                                                                                                                                                                                               |                                                                        |
| 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, SmartSearch+, AcuSearch                                                                                                                                                                                    |                                                                        |

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                          |
| Vehicle Picture Library      | Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total                                                                                                                                                                                                                                                                                                                                            |
| SIP by NVR                   | 8-ch                                                                                                                                                                                                                                                                                                                                                                                                                      |
| UMD by NVR                   | 16-ch                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Capacity of Snapshot Records | 3 millions records for face snapshot, 2 millions records for vehicle snapshot, 2 millions records for SIP, 2 millions records for video Metadata                                                                                                                                                                                                                                                                          |
| <b>Alarm</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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, Array Damaged, Array Degraded                                                                                                                                                                                                                                           |
| <b>GUI Language</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 |
| <b>Hard Disk</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SATA                         | 8 SATA Interfaces                                                                                                                                                                                                                                                                                                                                                                                                         |
| Capacity                     | Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)                                                                                                                                                                                                                                                                                                                                   |
| Disk Group                   | Support                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Redundant Storage            | Support                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Disk Array Type              | RAID 0, 1, 5, 6, 10                                                                                                                                                                                                                                                                                                                                                                                                       |
| Hot Swap                     | Support                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>External Interface</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Network Interface            | 2 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                     | 16-ch                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alarm Out                    | 10-ch                                                                                                                                                                                                                                                                                                                                                                                                                     |
| eSATA                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power Output                 | 12 V                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power Supply                 | AC 100~240V                                                                                                                                                                                                                                                                                                                                                                                                               |
| Redundant Power Supply       | Support                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Working Environment</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Working Temperature          | -10 °C to 50 °C (14 °F to 122 °F)                                                                                                                                                                                                                                                                                                                                                                                         |
| Working Humidity             | ≤ 90% RH (non-condensing)                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                 |                                                    |
|---------------------------------|----------------------------------------------------|
| Power Consumption (without HDD) | ≤ 35W                                              |
| Dimensions                      |                                                    |
| Weight (without HDD)            | ≤ 6.5Kg (14.3lb)                                   |
| Height                          | 2U                                                 |
| Dimensions                      | 443mm × 448mm × 93mm (17.4"×17.6"×3.7")            |
| 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

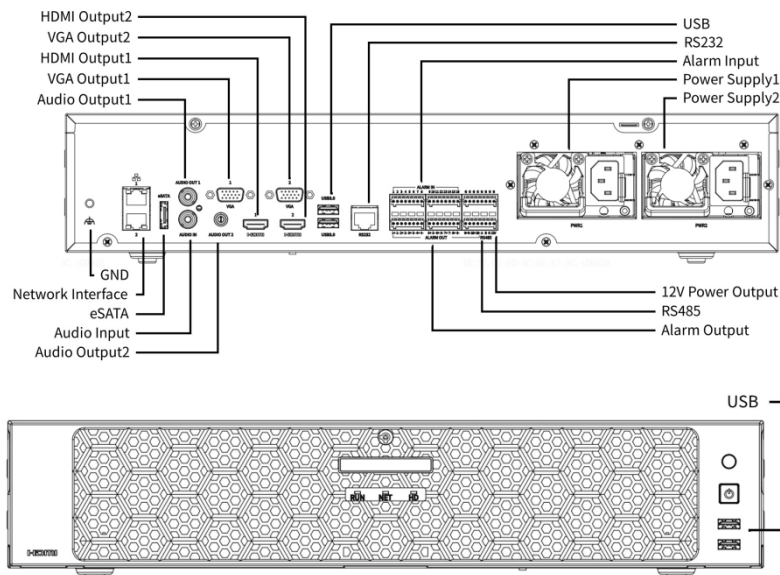
PWR-DC12-350A-IN  
350W Power Accessories Module



FL-2U  
4 HDDs & 8 HDDs 2U NVR Rack Mount



## Rear Panel



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