

# Network Video Recorder

## NVR302-E2-IQ Series



### Key Features

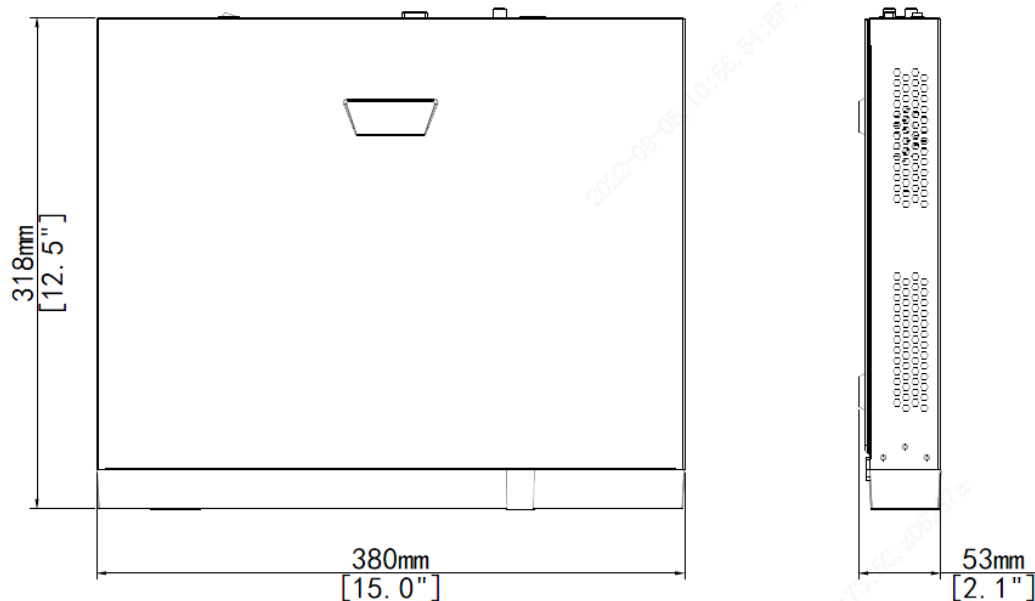
- Support Ultra H.265/H.265/H.264 video formats
- 9/16/32-channel input
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T ) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- HDMI and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- 2 SATA HDDs, Up to 8TB 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

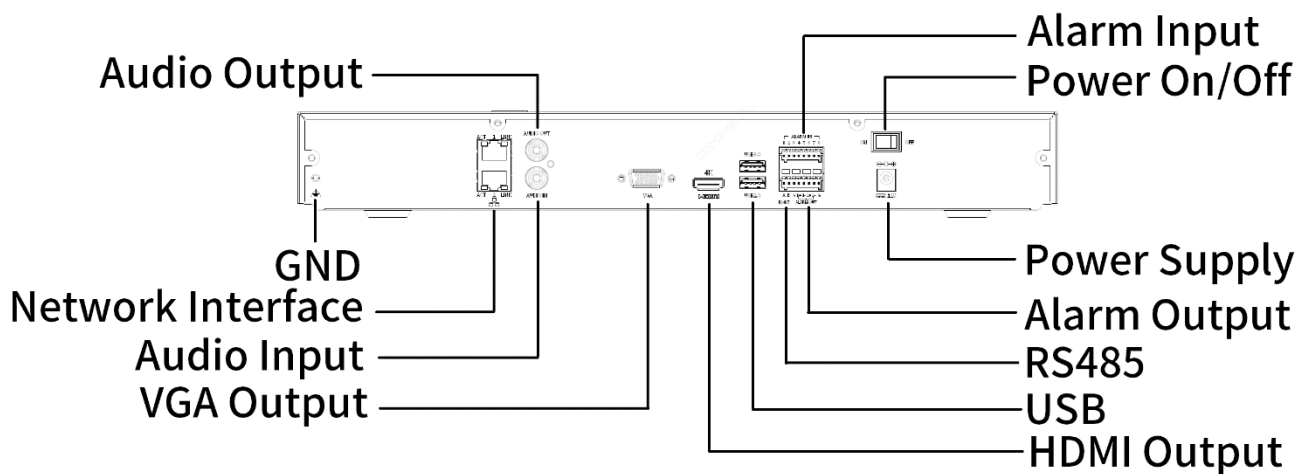
| Model                       | NVR302-09E2-IQ                                                                                                                                                                                                         |                    | NVR302-16E2-IQ | NVR302-32E2-IQ        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|-----------------------|
| Video/Audio Input           |                                                                                                                                                                                                                        |                    |                |                       |
| IP Video Input              | 9-ch                                                                                                                                                                                                                   | 16-ch              |                | 32-ch                 |
| Two-way Audio Input         | 1-ch, RCA                                                                                                                                                                                                              |                    |                |                       |
| Network                     |                                                                                                                                                                                                                        |                    |                |                       |
| Incoming Bandwidth          | Smart Off: 320Mbps<br>Smart On: 160Mbps                                                                                                                                                                                |                    |                |                       |
| Outgoing Bandwidth          | Smart Off: 320Mbps<br>Smart On: 160Mbps                                                                                                                                                                                |                    |                |                       |
| Remote Users                | 128                                                                                                                                                                                                                    |                    |                |                       |
| Protocols                   | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS,DNS,DDNS,SNMP,SMTP,NFS                                                                                                                                                |                    |                |                       |
| Browser                     | IE(IE10/11) for Windows<br>Firefox (version 52.0 and above) for Windows<br>Chrome(version 45 and above) for Windows<br>Edge(version 79 and above) for Windows                                                          |                    |                |                       |
| Video/Audio Output          |                                                                                                                                                                                                                        |                    |                |                       |
| HDMI/VGA Output             | VGA:<br>1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz<br>HDMI:<br>4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 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                                                                                                                                                                                                                  |                    |                |                       |
| Live View Display           | 1/4/6/8/9                                                                                                                                                                                                              | 1/4/6/8/9/16       |                | 1/4/6/8/9/16/25/36    |
| Corridor Mode Screen        | 3/4/5/7/9                                                                                                                                                                                                              | 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 1080P 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                  | Smart Off: 1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 22 x 720P@30, 32 x D1<br>Smart On: 1 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 18 x 720P@30, 32 x D1                                               |                    |                |                       |
| Hard Disk                   |                                                                                                                                                                                                                        |                    |                |                       |
| SATA                        | 2 SATA interfaces                                                                                                                                                                                                      |                    |                |                       |
| Capacity                    | Up to 8TB for each disk<br>(The maximum HDD capacity varies with environment temperature)                                                                                                                              |                    |                |                       |
| eSATA                       | NA                                                                                                                                                                                                                     |                    |                |                       |

|                                       |                                                                                                                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disk Group                            | Support                                                                                                                                                                                      |
| <b>Smart</b>                          |                                                                                                                                                                                              |
| VCA Detection by Camera               | Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Ultra Motion Detection(UMD) |
| NVR Smart                             | Smart Intrusion Prevention (SIP), UMD                                                                                                                                                        |
| VCA Search                            | Behavior Search, Vehicle Search                                                                                                                                                              |
| People Counting                       | People Flow Counting, Crowd Density Monitoring                                                                                                                                               |
| SIP by NVR with normal cameras        | 4-ch                                                                                                                                                                                         |
| UMD by NVR                            | 8-ch                                                                                                                                                                                         |
| SIP, Vehicle Detection, UMD by Camera | Total 8-ch                                                                                                                                                                                   |
| <b>General Alarm</b>                  |                                                                                                                                                                                              |
| General Alarm                         | Motion, Tampering, Human Body Detection, Video Loss, Input Alarm, Audio Detection                                                                                                            |
| Alert Alarm                           | IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal                                            |
| <b>External Interface</b>             |                                                                                                                                                                                              |
| Network Interface                     | 2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces                                                                                                                                      |
| USB Interface                         | Front panel: 1 x USB2.0,Rear panel: 1 x USB2.0 1 x USB3.0                                                                                                                                    |
| RS232                                 | NA                                                                                                                                                                                           |
| RS485                                 | 1                                                                                                                                                                                            |
| Alarm In                              | 8-ch                                                                                                                                                                                         |
| Alarm Out                             | 2-ch                                                                                                                                                                                         |
| <b>General</b>                        |                                                                                                                                                                                              |
| Power Supply                          | 12VDC/3.3A<br>Power Consumption: ≤ 12 W (without HDD)                                                                                                                                        |
| Working Environment                   | -10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)                                                                                                                              |
| Dimensions (W×D×H)                    | 380mm × 321mm × 53mm (15.0" × 12.6"× 2.1")                                                                                                                                                   |
| Weight (without HDD)                  | ≤1.8Kg (3.97lb)                                                                                                                                                                              |
| <b>Certification</b>                  |                                                                                                                                                                                              |
| 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



**Zhejiang Uniview Technologies Co., Ltd.**

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: [overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

<http://www.uniview.com>

©2022 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

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