

## Network Video Recorder NVR301-LS3-P Series



## Features

- Support Ultra 265/H.265/H.264 video formats
- 4/8/16-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI and VGA simultaneous output
- Up to 4K resolution recording
- Support cloud upgrade

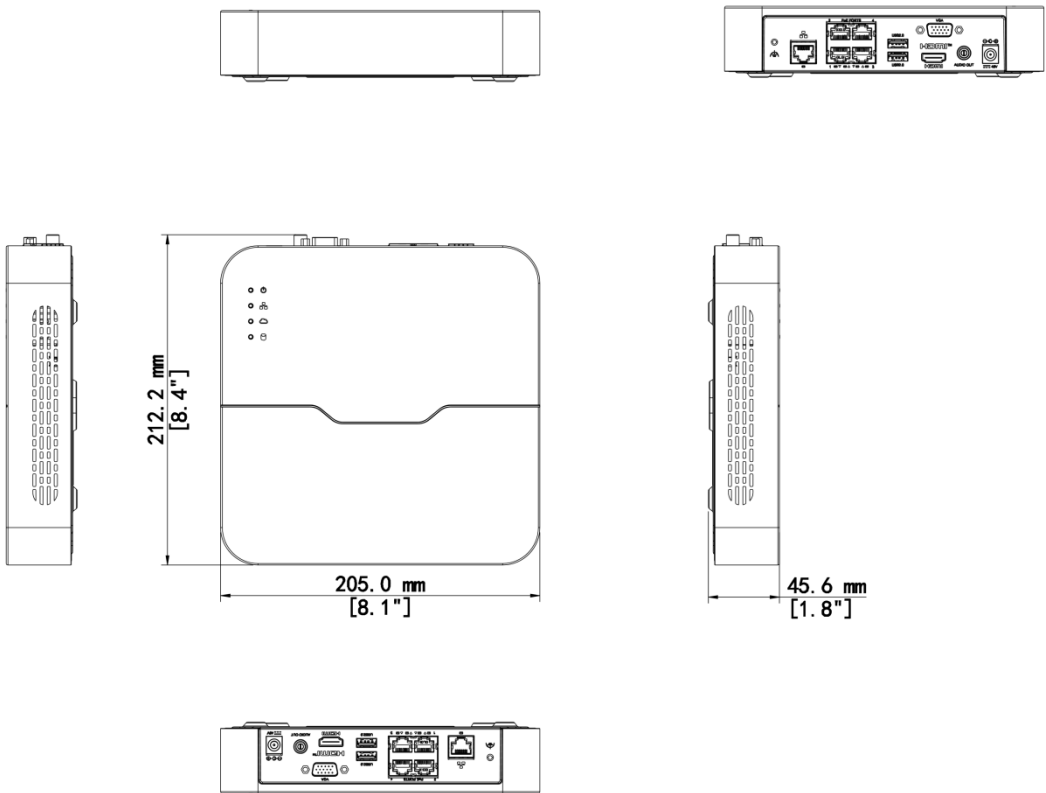
## Specifications

| Model                           | NVR301-04LS3-P4                                                                                                                                  |                                                                          | NVR301-08LS3-P8 | NVR301-16LS3-P8                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------|
| Decoding                        |                                                                                                                                                  |                                                                          |                 |                                                                                      |
| Decoding Format                 | Ultra 265, H.265, H.264                                                                                                                          |                                                                          |                 |                                                                                      |
| Decoding Capability             | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25                                                                                                    | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 6 x 1080P@30, 8 x 720P@30 |                 | 1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 6 x 1080P@30, 8 x 720P@30, 16 x D1@25 |
| Decoding Capability Description | The resolution of each channel cannot exceed 4000 pixels in length and 3000 pixels in width                                                      |                                                                          |                 |                                                                                      |
| Audio Compression               | G.711A, G.711U                                                                                                                                   |                                                                          |                 |                                                                                      |
| Network                         |                                                                                                                                                  |                                                                          |                 |                                                                                      |
| Incoming Bandwidth              | 64 Mbps                                                                                                                                          |                                                                          |                 |                                                                                      |
| Outgoing Bandwidth              | 48 Mbps                                                                                                                                          |                                                                          |                 |                                                                                      |
| Remote Users                    | 128                                                                                                                                              |                                                                          |                 |                                                                                      |
| Protocols                       | TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP, IPv4                                                                    |                                                                          |                 |                                                                                      |
| Browser (Plugin)                | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+                                                                                                    |                                                                          |                 |                                                                                      |
| Video/Audio Input               |                                                                                                                                                  |                                                                          |                 |                                                                                      |
| IP Video Input                  | 4-ch                                                                                                                                             | 8-ch                                                                     |                 | 16-ch                                                                                |
| Video/Audio 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           |                                                                          |                 |                                                                                      |
| 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                                                                                                                                              | 1/4/6/8/9                                                                |                 | 1/4/6/8/9/16                                                                         |
| Corridor Mode Screen            | 3/4                                                                                                                                              | 3/4/5/7/9                                                                |                 | 3/4/5/7/9/10/12/16                                                                   |
| Snapshot                        |                                                                                                                                                  |                                                                          |                 |                                                                                      |
| FTP/Schedule/Event Snapshot     | 1-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)                                                                |                                                                          |                 |                                                                                      |
| Recording                       |                                                                                                                                                  |                                                                          |                 |                                                                                      |
| Recording Resolution            | 8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF                                                                                             |                                                                          |                 |                                                                                      |
| Synchronous Playback in Local   | 4-ch                                                                                                                                             | 8-ch                                                                     |                 | 16-ch                                                                                |
| Smart                           |                                                                                                                                                  |                                                                          |                 |                                                                                      |
| Smart by IPC                    | Total 4-ch(Face Detection, SIP, UMD)                                                                                                             |                                                                          |                 |                                                                                      |
| VCA Search                      | Face Snapshot Search, Behavior Search                                                                                                            |                                                                          |                 |                                                                                      |
| Alarm                           |                                                                                                                                                  |                                                                          |                 |                                                                                      |
| General Alarm                   | 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 |                                                                          |                 |                                                                                      |

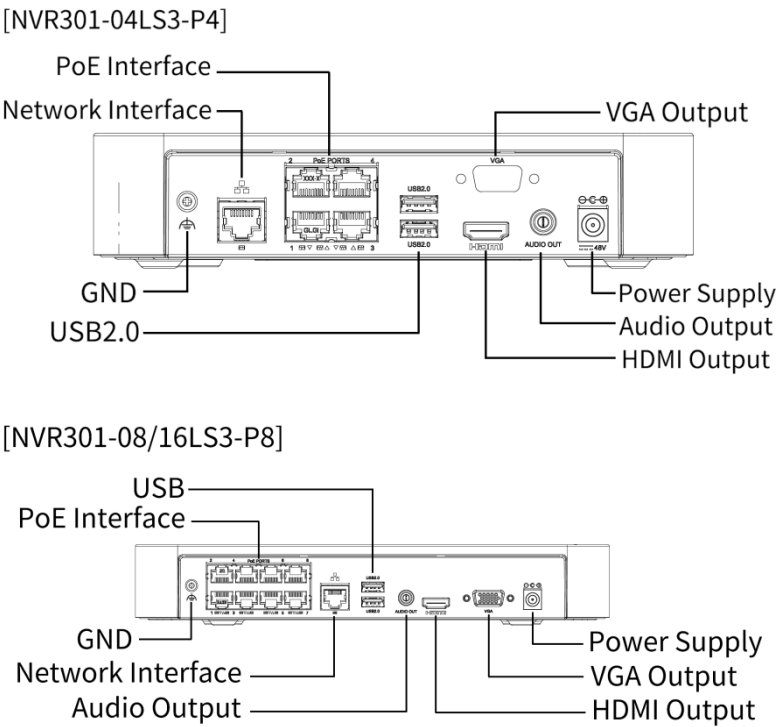
|                                 |                                                                                                                                                                                                                                    |                                                    |                                                    |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| GUI Language                    |                                                                                                                                                                                                                                    |                                                    |                                                    |
| GUI Language                    | 21 languages: Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian |                                                    |                                                    |
| Hard Disk                       |                                                                                                                                                                                                                                    |                                                    |                                                    |
| SATA                            | 1 SATA Interface                                                                                                                                                                                                                   |                                                    |                                                    |
| Capacity                        | Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size)                                                                                                                         |                                                    |                                                    |
| External Interface              |                                                                                                                                                                                                                                    |                                                    |                                                    |
| Network Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet Interface                                                                                                                                                                                 |                                                    |                                                    |
| USB                             | Rear panel: 2 × USB2.0                                                                                                                                                                                                             |                                                    |                                                    |
| RS485                           | N/A                                                                                                                                                                                                                                |                                                    |                                                    |
| RS232                           | N/A                                                                                                                                                                                                                                |                                                    |                                                    |
| Alarm In                        | N/A                                                                                                                                                                                                                                |                                                    |                                                    |
| Alarm Out                       | N/A                                                                                                                                                                                                                                |                                                    |                                                    |
| Power Supply                    | DC 48 V/1.35 A                                                                                                                                                                                                                     | DC 52 V/1.8 A                                      | DC 52 V/1.8 A                                      |
| PoE                             |                                                                                                                                                                                                                                    |                                                    |                                                    |
| PoE Interface                   | 4 RJ45 10 M/100 M self-adaptive Ethernet Interface                                                                                                                                                                                 | 8 RJ45 10 M/100 M self-adaptive Ethernet Interface | 8 RJ45 10 M/100 M self-adaptive Ethernet Interface |
| Max Power                       | Max 30 W for single port, Max 54 W in total                                                                                                                                                                                        | Max 30 W for single port, Max 75 W in total        | Max 30 W for single port, Max 75 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) | ≤ 9W                                                                                                                                                                                                                               |                                                    |                                                    |
| Dimensions                      |                                                                                                                                                                                                                                    |                                                    |                                                    |
| Weight (without HDD)            | ≤ 0.6Kg (1.32lb)                                                                                                                                                                                                                   | ≤ 0.8Kg (1.76lb)                                   | ≤ 0.8Kg (1.76lb)                                   |
| Dimensions                      | 205mm × 205mm × 46mm (8.1"×8.1"×1.8")                                                                                                                                                                                              | 270mm × 205mm × 46mm (10.6"×8.1"×1.8")             | 270mm × 205mm × 46mm (10.6"×8.1"×1.8")             |
| 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

Aggregate product size diagram using NVR301-04LS3-P4 as an example



## Rear Panel



# Unlimited New View

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