

# 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 mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T ) and RTSP protocols
- 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  |
|---------------------------------|---|--|--|
| <b>Decoding</b>                 |   |  |  |
| 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   |           |                    |
| <b>Network</b>                |  |           |                    |
| 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+  |           |                    |
| <b>Video/Audio Input</b>      |  |           |                    |
| IP Video Input                | 4-ch   | 8-ch      | 16-ch              |
| <b>Video/Audio Output</b>     |  |           |                    |
| 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 |
| <b>Snapshot</b>               |  |           |                    |
| FTP/Schedule/Event Snapshot   | 1-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)  |           |                    |
| <b>Recording</b>              |  |           |                    |
| 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              |
| <b>Smart</b>                  |  |           |                    |
| VCA Detection by IPC          | Face Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Ultra Motion Detection (UMD)                            |           |                    |
| VCA Search                    | Face Snapshot Search, Behavior Search  |           |                    |
| Smart by IPC                  | Total 4-ch(Face Detection, SIP, UMD)   |           |                    |
| <b>Alarm</b>                  |  |           |                    |
| 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**

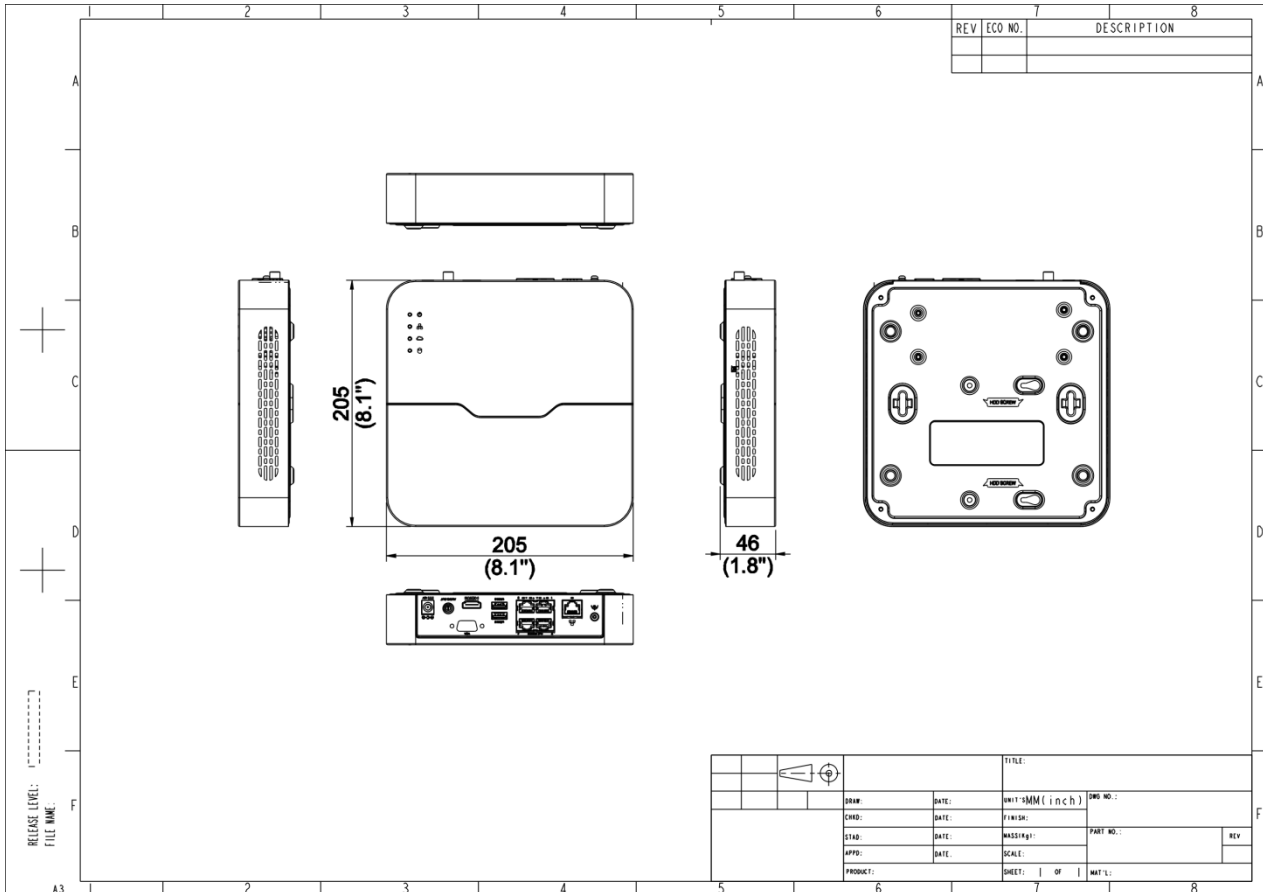
|                      |  |   |   |
|----------------------|--|---|---|
| Weight (without HDD) | ≤ 0.6Kg (1.32lb)                         | ≤ 0.8Kg (1.76lb)                          | ≤ 0.8Kg (1.76lb)                          |
| Dimensions           | 205mm × 205mm × 46mm<br>(8.1"×8.1"×1.8") | 270mm × 205mm × 46mm<br>(10.6"×8.1"×1.8") | 270mm × 205mm × 46mm<br>(10.6"×8.1"×1.8") |

**Certification**

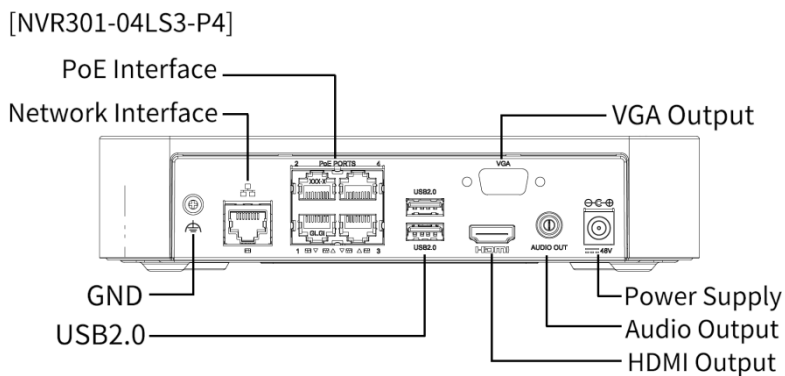
|               |                         |
|---------------|-------------------------|
| Certification | CE; FCC; UL; RoHS; WEEE |
|---------------|-------------------------|

|     |  |
|-----|--|
| CE  | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035 |
| FCC | Part15 Subpart B                                   |

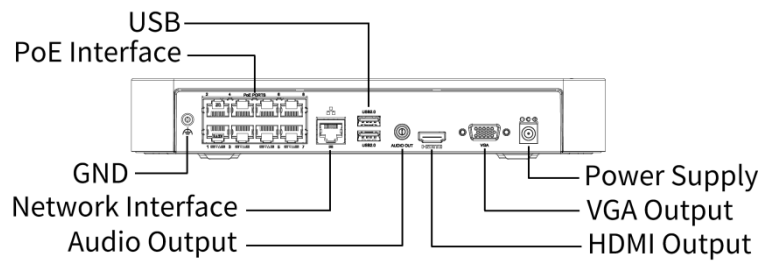
## Dimensions



## Rear Panel



[NVR301-08/16LS3-P8]



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