

# 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		

**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
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**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)
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**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**

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)

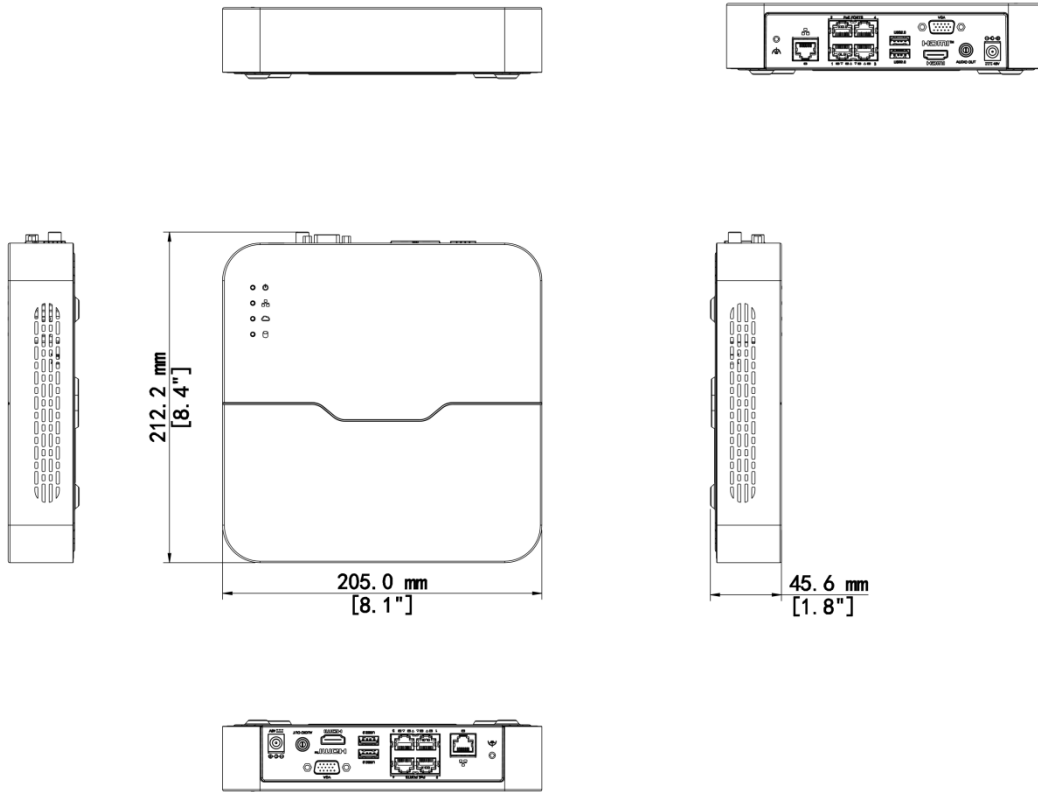
**Alarm**

General Alarm	Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
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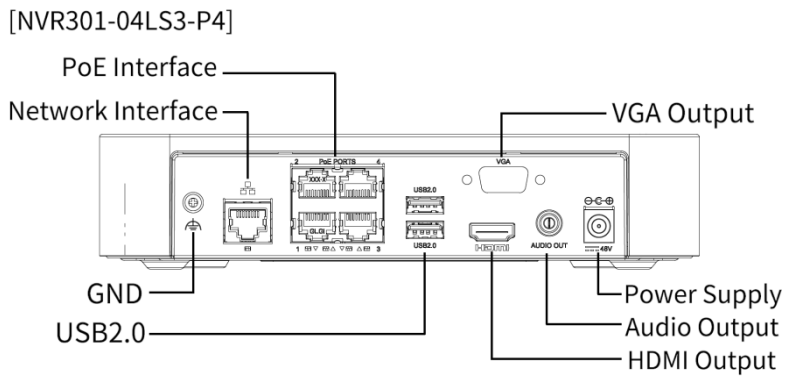
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal		
<b>GUI Language</b>			
GUI Language	21 languages: Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian		
<b>Hard Disk</b>			
SATA	1 SATA Interface		
Capacity	Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size)		
<b>External Interface</b>			
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
<b>PoE</b>			
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		
<b>Working Environment</b>			
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)		
Working Humidity	≤ 90% RH (non-condensing)		
Power Consumption (without HDD)	≤ 9W		
<b>Dimensions</b>			
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")
<b>Certification</b>			
Certification	CE; FCC; UL; RoHS; WEEE		
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035		

## Dimensions

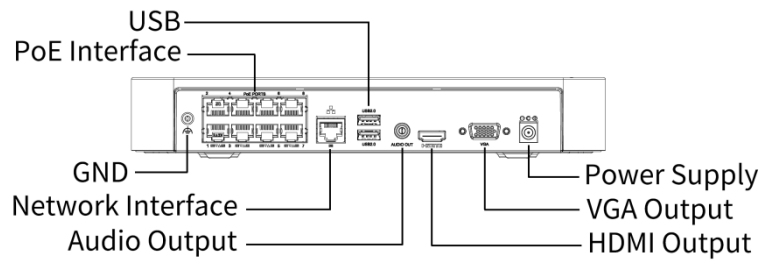
Aggregate product size diagram using NVR301-04LS3-P4 as an example



## Rear Panel



[NVR301-08/16LS3-P8]



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