

# Network Video Recorder

NVR301-04B-LP4-IQ



## Features

- Support Ultra 265/H.265/H.264 video formats
- 4-channel input
- Plug & Play with 4 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T ) and RTSP protocols
- Support HDMI and VGA simultaneous output
- Up to 12 Megapixels resolution recording
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

## Specifications

Model	NVR301-04B-LP4-IQ
Decoding	
Decoding Format	Ultra 265,H.265,H.264

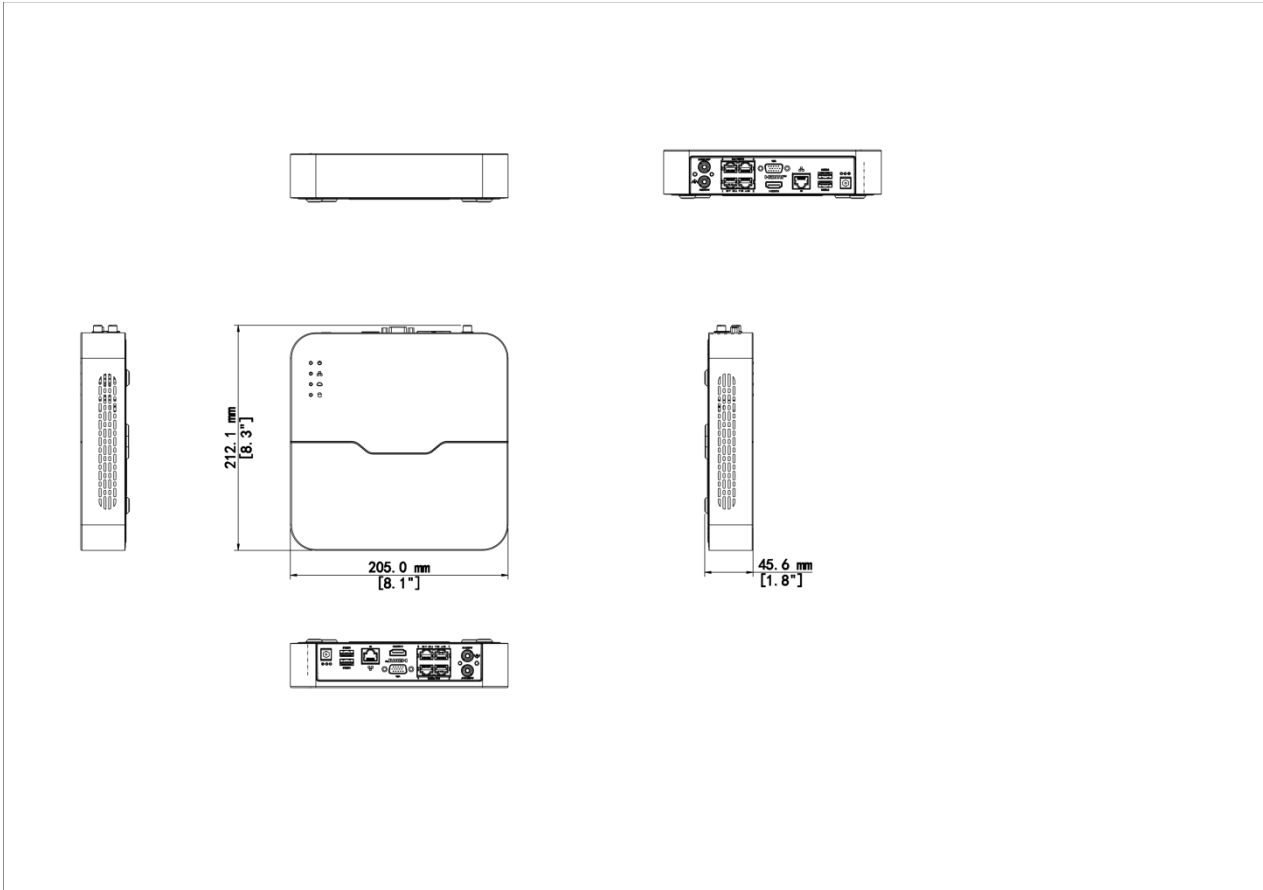
Decoding Capability	Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30 Smart On: 2 x 4K@30, 4 x 4MP@30
Decoding Capability Description	The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width
Audio Compression	G.711A, G.711U
<b>Network</b>	
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	80 Mbps
Remote Users	128
Protocols	TCP/IP, P2P, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv6, IPv4
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+
<b>Video/Audio Input</b>	
IP Video Input	4-ch
RCA Audio Input	1-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
Corridor Mode Screen	3/4
<b>Two-way Audio</b>	
Two-way Audio	1-ch,RCA(Using the audio input and output)
<b>Snapshot</b>	
FTP/Schedule/Event Snapshot	4-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot resolution)

Recording	
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Num of Concurrent Playback	16-ch
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), People Counting (People Flow Counting, Crowd Density Monitoring), 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, AcuSearch
Smart by IPC	All channels (up to 8 images/s in total)Face Detection,Face Comparison,Vehicle Detection,SIP,UMD,Traffic Monitoring
Search by Image	Support
SIP by NVR	2-ch
UMD by NVR	4-ch
Alarm	
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
GUI Language	
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
Hard Disk	
SATA	1 SATA Interfaces
Capacity	Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface
USB	Rear panel: 1 × USB2.0, 1 × USB3.0
RS485	N/A

RS232	N/A
Alarm In	N/A
Alarm Out	N/A
Power Supply	DC 48 V/1.35 A
Power Switch	N/A
<b>PoE</b>	
PoE Interface	4 RJ45 10 M/100 M self-adaptive Ethernet Interface
Max Power	Max 30W for single port,Max 50W in total
Supported Standard	IEEE 802.3at,IEEE 802.3af
<b>Working Environment</b>	
Working Temperature	-10 °C ~ + 55 °C (+14 °F ~ +131 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 12W
<b>Dimensions</b>	
Weight (without HDD)	≤ 2.7Kg (6.0lb)
Height	1U
Dimensions	205mm × 212mm × 46mm (8.1"×8.3"×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
FCC	Part15 Subpart B

## Dimensions

Aggregate product size diagram using NVR301-04B-LP4-IQ as an example



## Rear Panel

