

Network Video Recorder

NVR301-B-IQ Series



Features

- Support Ultra 265/H.265/H.264 video formats
- 4/8/16-channel input
- 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

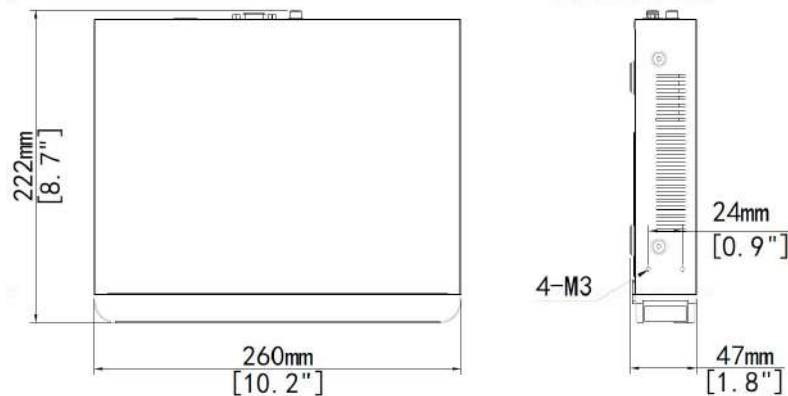
Decoding	Description
Decoding Format	NVR301-04B-IQ/NVR301-16B-IQ:Ultra 265,H.265,H.264
Decoding Capability	NVR301-04B-IQ:Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30 Smart On: 2 x 4K@30, 4 x 4MP@30 NVR301-16B-IQ:Smart Off: 2 x 12MP@30, 2 x 4K@30, 4 x 4MP@30, 10 x 1080P@30, 16 x 720P@30 Smart On: 2 x 4K@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Decoding Capability Description	NVR301-04B-IQ/NVR301-16B-IQ:*. The resolution of each channel cannot exceed 8192 pixels in length and 4096 pixels in width.

Audio Compression	NVR301-04B-IQ/NVR301-16B-IQ:G.711A, G.711U
Network	Description
Incoming Bandwidth	NVR301-04B-IQ/NVR301-16B-IQ:80Mbps
Outgoing Bandwidth	NVR301-04B-IQ/NVR301-16B-IQ:80Mbps
Remote Users	NVR301-04B-IQ/NVR301-16B-IQ:128
Protocols	NVR301-04B-IQ/NVR301-16B-IQ:TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; RTSP; IPv6; IPv4
Browser(Plugin)	NVR301-04B-IQ/NVR301-16B-IQ:Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)
Video/Audio Input	Description
IP Video Input	NVR301-04B-IQ:4-ch NVR301-16B-IQ:16-ch
RCA Audio Input	NVR301-04B-IQ/NVR301-16B-IQ:1-ch
Video/Audio Output	Description
HDMI Output	NVR301-04B-IQ/NVR301-16B-IQ:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	NVR301-04B-IQ/NVR301-16B-IQ:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	NVR301-04B-IQ/NVR301-16B-IQ:1-ch
Liveview Display	NVR301-04B-IQ:1/4/6/8/9 NVR301-16B-IQ:1/4/6/8/9/16
Corridor Mode Screen	NVR301-04B-IQ:3/4 NVR301-16B-IQ:3/4/5/7/9/10/12/16
Two-way Audio	Description
Two-way Audio	NVR301-04B-IQ/NVR301-16B-IQ:1-ch,RCA(Using the audio input and output)
Snapshot	Description
FTP/Schedule/Event Snapshot	NVR301-04B-IQ/NVR301-16B-IQ:4-ch snapshot,up to D1 resolution
Recording	Description
Recording Resolution	NVR301-04B-IQ/NVR301-16B-IQ:12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2 CIF/CIF
Num of Concurrent Playback	NVR301-04B-IQ/NVR301-16B-IQ:16-ch
Smart	Description
VCA Detection by IPC	NVR301-04B-IQ/NVR301-16B-IQ:Face Detection; face detection; Vehicle Detection; SIP

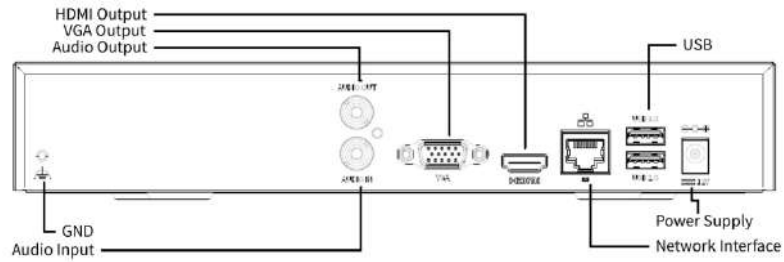
	(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area); Ultra Motion Detection (UMD); People Counting (People Flow Counting, Crowd Density Monitoring); Traffic Monitoring
Smart by NVR	NVR301-04B-IQ/NVR301-16B-IQ:Face Detection; face detection; Smart Intrusion Prevention (SIP); Ultra Motion Detection (UMD)
VCA Search	NVR301-04B-IQ/NVR301-16B-IQ;; ; Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search; People Counting Report; Heat Map
Smart by IPC	NVR301-04B-IQ/NVR301-16B-IQ:All channels (up to 8 images/s in total)Face Detection,face detection,Vehicle Detection,SIP,UMD,Traffic Monitoring
Search by Image	NVR301-04B-IQ/NVR301-16B-IQ:Support
SIP by NVR	NVR301-04B-IQ/NVR301-16B-IQ:2-ch
UMD by NVR	NVR301-04B-IQ/NVR301-16B-IQ:4-ch
Alarm	Description
General Alarm	NVR301-04B-IQ/NVR301-16B-IQ: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	NVR301-04B-IQ/NVR301-16B-IQ:IP Conflict; Network Disconnected; Disk Offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal
GUI Language	Description
GUI Language	NVR301-04B-IQ/NVR301-16B-IQ: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	Description
SATA	NVR301-04B-IQ/NVR301-16B-IQ:1 SATA Interfaces
Capacity	NVR301-04B-IQ/NVR301-16B-IQ:Up to 10TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	Description
Network Interface	NVR301-04B-IQ/NVR301-16B-IQ:1 RJ45 10M/100M self-adaptive Ethernet Interface
USB	NVR301-04B-IQ/NVR301-16B-IQ:Rear panel: 1 x USB2.0, 1 x USB3.0
RS485	NVR301-04B-IQ/NVR301-16B-IQ:N/A
RS232	NVR301-04B-IQ/NVR301-16B-IQ:N/A
Alarm In	NVR301-04B-IQ/NVR301-16B-IQ:N/A

Alarm Out	NVR301-04B-IQ/NVR301-16B-IQ:N/A
Power Supply	NVR301-04B-IQ/NVR301-16B-IQ:DC 12V/2A
Power Switch	NVR301-04B-IQ/NVR301-16B-IQ:Support
Working Environment	Description
Working Temperature	NVR301-04B-IQ/NVR301-16B-IQ:-10°C ~ + 55°C (+14°F ~ +131°F)
Working Humidity	NVR301-04B-IQ/NVR301-16B-IQ:≤ 90% RH (non-condensing)
Power Consumption (without HD D)	NVR301-04B-IQ/NVR301-16B-IQ:≤ 12W
Dimensions	Description
Weight (without HDD)	NVR301-04B-IQ/NVR301-16B-IQ:≤ 2Kg (4.4lb)
Height	NVR301-04B-IQ/NVR301-16B-IQ:1U
Dimensions	NVR301-04B-IQ/NVR301-16B-IQ:260mm × 222mm × 47mm (10.2"×8.7"×1.8")
Certification	Description
Certification	NVR301-04B-IQ/NVR301-16B-IQ:CE; FCC; UL; RoHS; WEEE
FCC	NVR301-04B-IQ/NVR301-16B-IQ:Part15 Subpart B

Dimensions



Rear Panel



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