

Network Video Recorder

NVR301-16S3



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 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

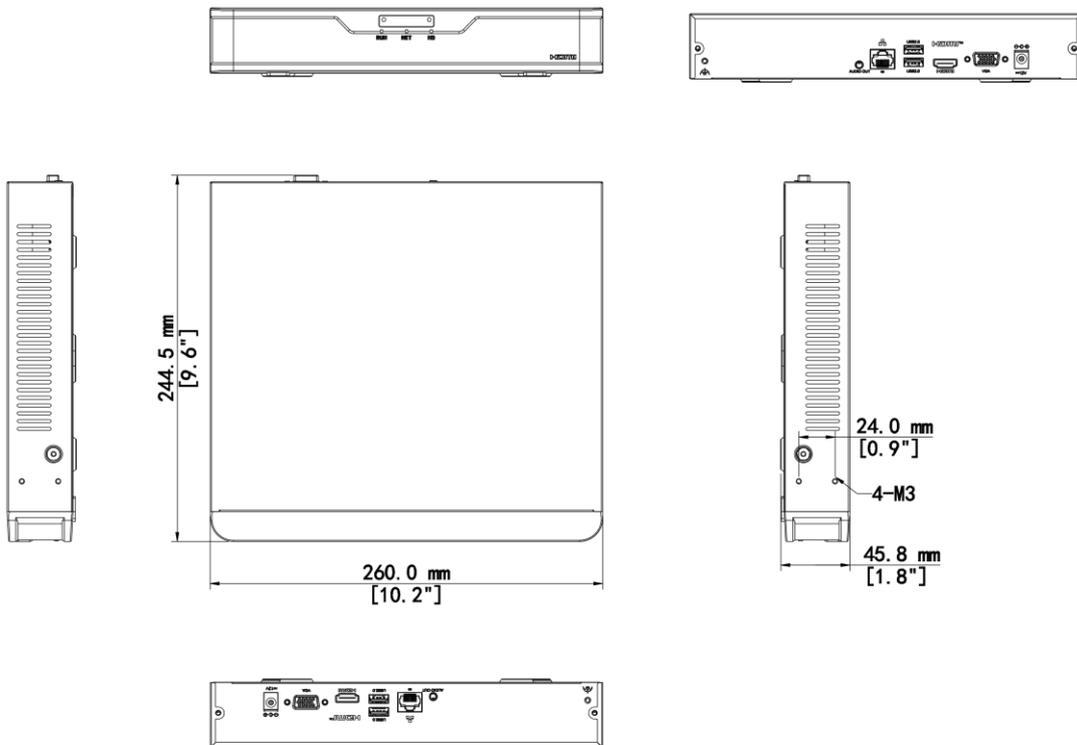
Specifications

Model	NVR301-16S3
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, 6 x 1080P@30, 8 x 720P@30, 16 x D1@25
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	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
3.5mm Audio Output	1-ch
Liveview Display	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9/10/12/16
Snapshot	
FTP/Schedule/Event Snapshot	1-ch snapshot, up to D1 resolution
Recording	
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080P/960P/720P/D1/2CIF/CIF
Synchronous Playback in Local	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)
Capacity of Snapshot Records	2 millions records for face snapshot
Alarm	
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 12 V/2 A
Working Environment	

Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 5W
Dimensions	
Weight (without HDD)	≤ 0.98Kg (2.16lb)
Dimensions	260mm × 240mm × 46mm (10.2"×9.4"×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

