DATASHEET

NVR301-S3 Series

Key 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
- 1 SATA HDD up to 6TB
- Support cloud upgrade

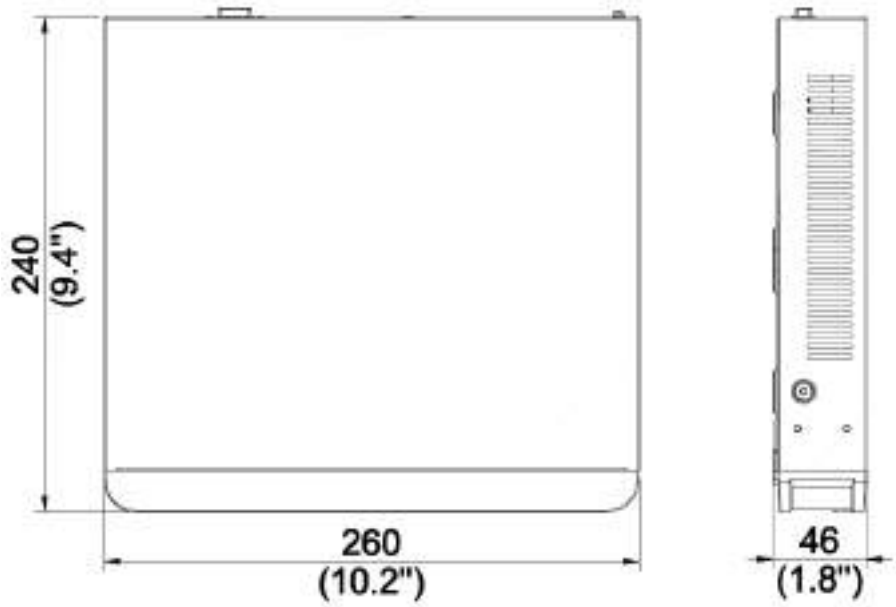
Specifications

Model	NVR301-04S3	NVR301-08S3	NVR301-16S3
Video/Audio Input			
IP Video Input	4-ch	8-ch	16-ch
Network			
Incoming Bandwidth	64Mbps		
Outgoing Bandwidth	48Mbps		
Remote Users	128		
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP		
Video/Audio Output			
HDMI/VGA Output	HDMI: 3840x2160/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz		
Recording Resolution	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF		
Audio Output	1-ch, 3.5mm		

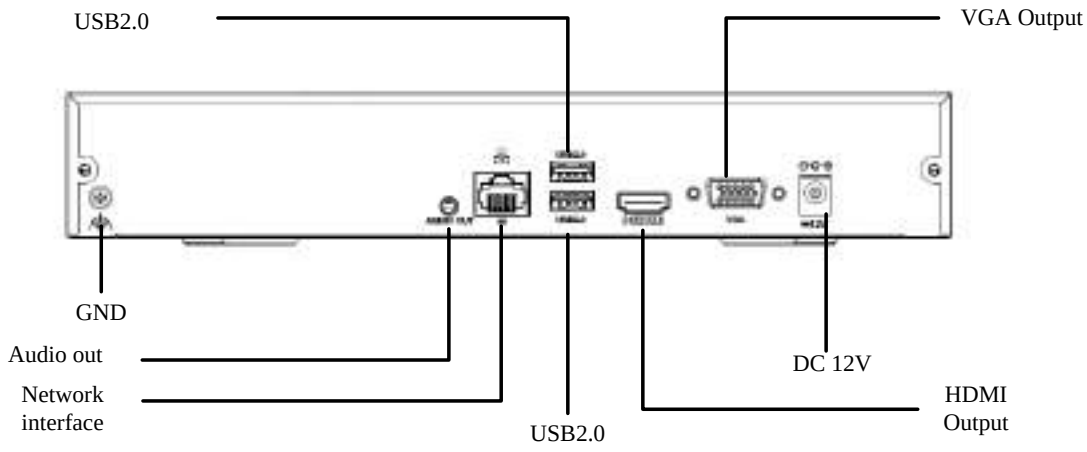
Audio Compression	G.711A, G.711U		
Synchronous Playback	4-ch	8-ch	16-ch
Liveview display	1/4	1/4/6/8/9	1/4/6/8/9/16
Corridor Mode Screen	3/4	3/4/5/7/9	3/4/5/7/9/10/12/16
Snapshot			
FTP/Schedule/Event Snapshot	1-ch snapshot, up to D1 resolution		
Decoding			
Decoding format	Ultra 265/H.265/H.264		
Liveview/Playback	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF		
Capability	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30, 8 x 720p@30	1 x 4K@30, 4 x 5MP@25, 4 x 4MP@25, 4 x 3MP@25, 4 x 1080p@30, 8 x 720p@30, 16 x D1@25
Hard Disk			
SATA	1 SATA interface		
Capacity	up to 6TB for each disk		
Smart			
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Audio Detection		
VCA Search	Behavior Search		
Smart Intrusion Prevention (SIP) by Camera	4-ch(supports channel 1-4; Alarm only, no image)		
General Alarm			
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input		
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal		
External Interface			
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface		
USB Interface	Rear panel: 2 x USB2.0		
RS232	NA		
RS485	NA		
Alarm In	NA		
Alarm Out	NA		
General			
Power Supply	12V DC Power Consumption: ≤5 W (without HDD)		
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)		
Dimensions (W×D×H)	260mm × 240mm × 46mm (10.2"×9.4"×1.8 ")		
Weight (without HDD)	≤0.98kg (2.16 lb)		
Certification			
Certification	CE, FCC, UL, RoHS, WEEE		
CE	EN 55032: 2015, EN 61000-3-3: 2013, EN IEC 61000-3-2: 2019, EN 55035: 2017		

FCC	Part15 Subpart B, ANSI C63.4

Dimensions



Rear Panel



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* Product specifications and availability are subject to change without notice.