

# 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 8TB
- Support cloud upgrade

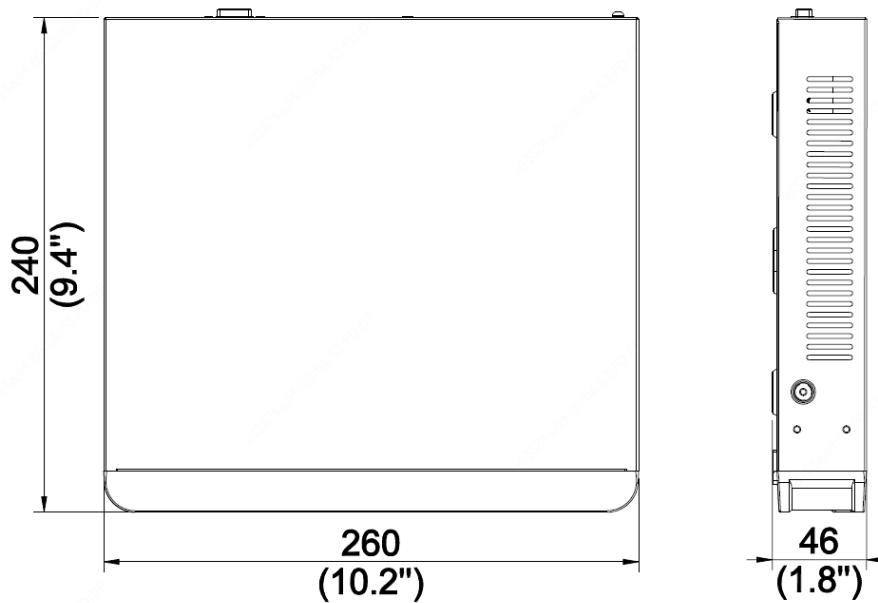
## Specifications

Model	NVR301-04S3	NVR301-08S3	NVR301-16S3
<b>Video/Audio Input</b>			
IP Video Input	4-ch	8-ch	16-ch
<b>Network</b>			
Incoming Bandwidth	64Mbps		
Outgoing Bandwidth	48Mbps		
Remote Users	128		
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP		
<b>Video/Audio Output</b>			
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		

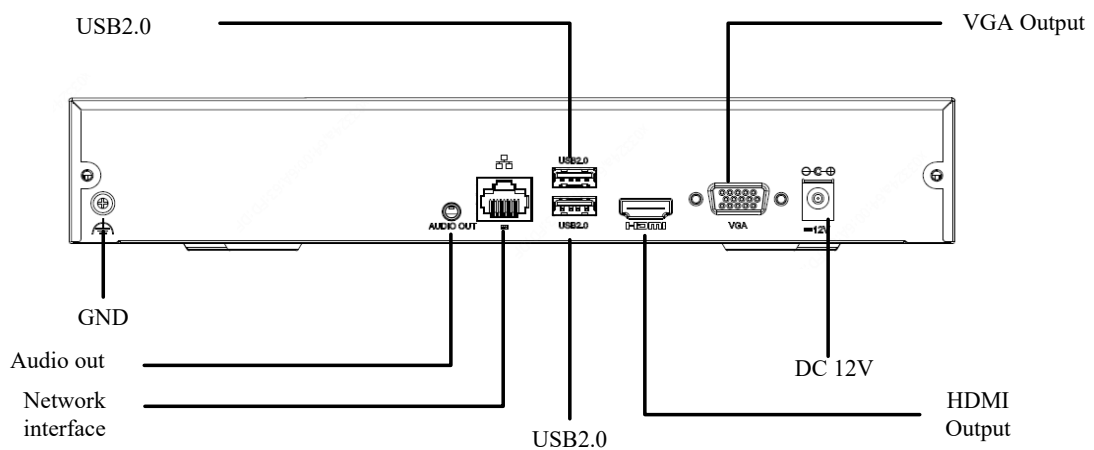
Audio Compression	G.711A, G.711U		
Synchronous Playback	4-ch	8-ch	16-ch
Liveview display	1/4	1/4/6/8/9	1/4/6/8/9/16
Corridor Mode Screen	3/4	3/4/5/7/9	3/4/5/7/9/10/12/16
<b>Snapshot</b>			
FTP/Schedule/Event Snapshot	1-ch snapshot, up to D1 resolution		
<b>Decoding</b>			
Decoding format	Ultra 265/H.265/H.264		
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
<b>Hard Disk</b>			
SATA	1 SATA interface		
Capacity	Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature)		
<b>Smart</b>			
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Audio Detection, Ultra Motion Detection(UMD)		
VCA Search	Behavior Search		
Smart Intrusion Prevention (SIP) by Camera	4-ch(Alarm only, no image)		
UMD by Camera	4-ch		
<b>General Alarm</b>			
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		
<b>External Interface</b>			
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		
<b>General</b>			
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)		
<b>Certification</b>			

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.