

Network Video Recorder

NVR301-S3-P Series



Key Features

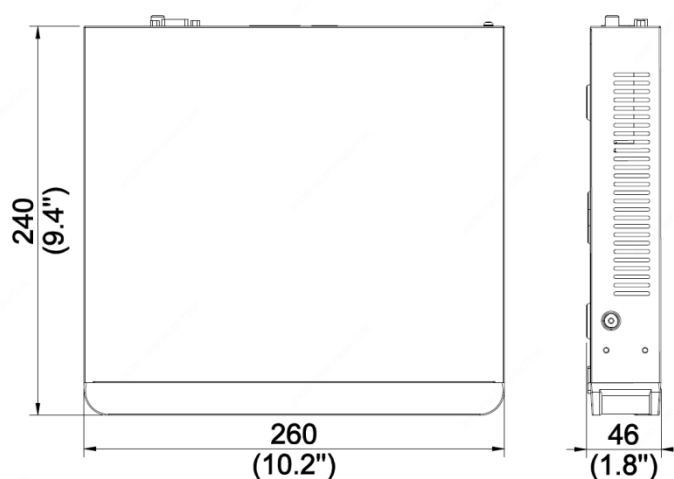
- Support Ultra 265/H.265/H.264 video formats
- 4/8/16-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI and VGA simultaneous output
- Up to 4K resolution recording
- 1 SATA HDDs, up to 8 TB
- Support cloud upgrade

Specifications

Model	NVR301-04S3-P4		NVR301-08S3-P8	NVR301-16S3-P8
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: 4K(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, RCA			
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			
Live view/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	
Hard Disk				
SATA	1 SATA interfaces			
Capacity	Up to 8TB for each disk (The maximum HDD capacity varies with environment temperature)			
Smart				
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Audio Detection, Ultra Motion Detection(UMD)			
VCA Search	Face Search, Behavior Search			
Smart Intrusion Prevention (SIP), UMD by Camera	Total 4-ch			
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 RJ-45 10M/100Mself-adaptive Ethernet Interface	
USB Interface	Rear panel: 2 x USB2.0	
RS232	NA	
RS485	NA	
Alarm In	NA	
Alarm Out	NA	
PoE		
Interface	4 RJ-45 10M/100Mself-adaptive Ethernet Interface	8 RJ-45 10M/100Mself-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 54W in total	Max 30W for single port Max 75W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af	
General		
Power Supply	48V DC Power Consumption: ≤9 W (without HDD)	52V DC Power Consumption: ≤9 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	260mm ×240mm × 46 mm (10.2" × 9.4" ×1.8")	
Weight (without HDD)	≤1.1kg (2.43lb)	
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

Take **NVR301-04S3-P4** for example

