

Network Video Recorder

NVR516-S Series



Key Features

- Support Ultra 265/H.265/H.264 video formats
- 32/64-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile C, Profile Q, Profile A, Profile T
- Support 2-ch HDMI, 1-ch VGA, HDMI at up to 4K(3840x2160) resolution
- HDMI1, HDMI2 and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Support HDD hot swap with RAID 0, 1, 5, 6, 10, 50, 60 storage scheme configurable
- 16 SATA HDDs, up to 16TB for each HDD
- Support 12V power output
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade
- Support N+1 Hot spare

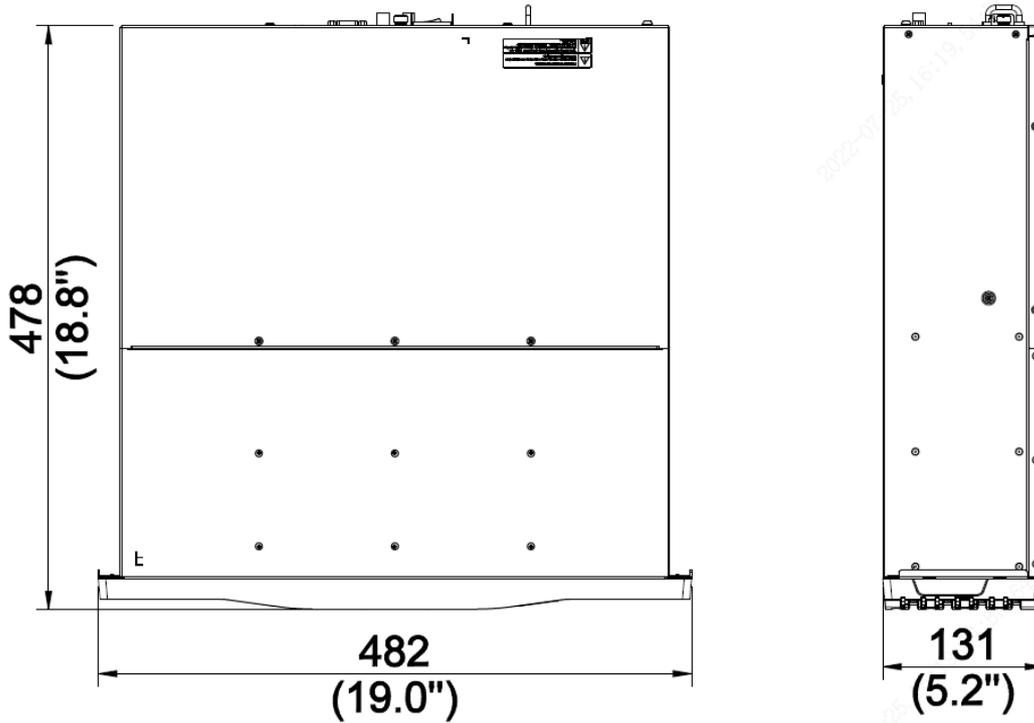
Specifications

Model	NVR516-32S	NVR516-64S
Video/Audio Input		
IP Video Input	32-ch	64-ch
Two-way Audio Input	1-ch, BNC	
Network		
Incoming Bandwidth	320Mbps	
Outgoing Bandwidth	320Mbps	

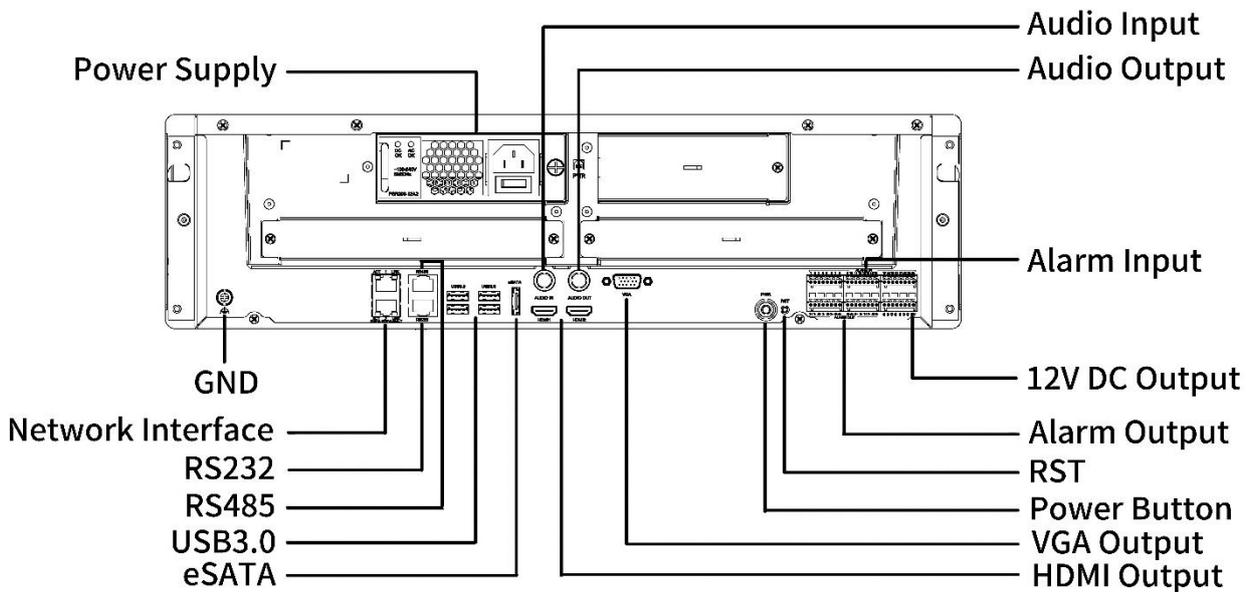
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS	
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows	
Video/Audio Output		
HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI1/HDMI2 (HDMI audio output is not supported): 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Audio Output	1-ch, BNC	
Audio Compression	G.711A, G.711U	
Synchronous Playback	16-ch	
Live View Display	VGA: 1/4/6/8/9/16/25/32 HDMI1, HDMI2: 1/4/6/8/9/16/25/32	VGA: 1/4/6/8/9/16/25/36 HDMI1, HDMI2: 1/4/6/8/9/16/25/36/64
Corridor Mode Screen	3/4/5/7/9/10/12/16/32	
Snapshot		
FTP/Schedule/Event Snapshot	All channels snapshot, up to 4K resolution	
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Live View/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	4 x 12MP@20, 4 x 4K@30, 16 x 1080p@30, 36 x 720p@30, 64 x D1	
Hard Disk		
SATA	16 SATA interfaces	
Capacity	Up to 16TB for each HDD (The maximum HDD capacity varies with environment temperature)	
eSATA	1 eSATA interface	
Disk Group	Support	
Disk Array Type	RAID 0/1/5/6/10/50/60	
Smart		
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Vehicle Control, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), Ultra Motion Detection(UMD), Video Metadata, Traffic Monitoring	
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report	
People Counting	People Flow Counting, Crowd Density Monitoring	
Smart Intrusion Prevention (SIP), Vehicle Detection, Temperature Detection, UMD, Video Metadata, Traffic Monitoring by	Total 64-ch	

Camera	
General Alarm	
General Alarm	Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
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	2 RJ-45 10M/100M/1000M adaptive Ethernet Interface
USB Interface	Rear panel: 4 x USB3.0
RS232	1
RS485	1
Alarm In	24-ch
Alarm Out	8-ch
Power Output	12V
General	
Power Supply	100 ~ 240V AC Power Consumption: ≤ 50 W (without HDD)
Working Environment	-10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Chassis	19-inch rack-mounted 3U chassis
Dimensions	482mm x478mm x 131mm (19.0"× 18.8" ×5.2")
Weight (without HDD)	≤ 10 Kg (22.05 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.