Network Video Recorder
NVR304-S Series

Features

- Support Ultra265/H.265/H.264 video formats
- 16/32-channel input
- Support mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T) and RTSP protocols
- HDMI and VGA simultaneous output
- Up to 4K resolution recording
- Accurate retrieval, instant playback
- ANR technology to enhance the storage reliability when the network is disconnected
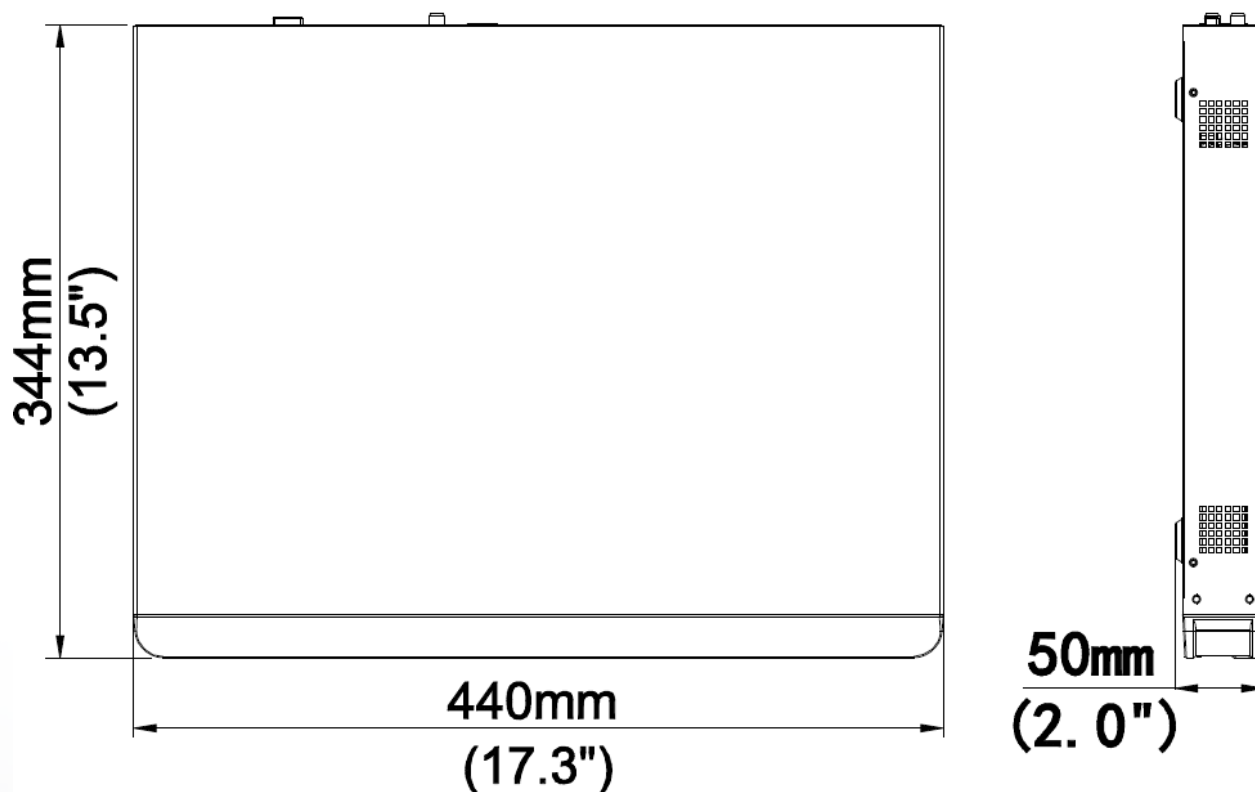- Support cloud upgrade

Specifications

Model	NVR304-16S	NVR304-32S
Decoding		
Decoding Format	Ultra 265, H.265, H.264	
Decoding Capability	2 x 4K@30, 4 x 4MP@30, 5 x 3MP@30, 8 x 1080P@30, 16 x 720P@30	2 x 4K@30, 4 x 4MP@30, 5 x 3MP@30, 8 x 1080P@30, 16 x 720P@30, 32 x D1
Decoding Capability Description	The resolution of each channel cannot exceed 4000 pixels in length and 3000 pixels in width	
Audio Compression	G.711A, G.711U	
Network		
Incoming Bandwidth	160 Mbps	
Outgoing Bandwidth	64 Mbps	
Remote Users	128	

Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP, IPv4	
Browser (Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+	
Video/Audio Input		
IP Video Input	16-ch	32-ch
RCA Audio Input	1-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, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
RCA Audio Output	1-ch	
Liveview Display	1/4/6/8/9/16	1/4/6/8/9/16/25/36
Corridor Mode Screen	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32
Two-way Audio		
Two-way Audio	1-ch, RCA (Using the audio input and output)	
Snapshot		
FTP/Schedule/Event Snapshot	4-ch snapshot (max. D1 (720 × 576) video resolution, with D1 snapshot 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), People Counting (People Flow Counting, Crowd Density Monitoring)	
VCA Search	Face Snapshot Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report	
Smart by IPC	Total 8-ch(Face Detection, SIP, UMD)	
Alarm		
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, 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	
GUI Language		
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian	
Hard Disk		
SATA	4 SATA Interfaces	
Capacity	Up to 10 TB for each HDD (The maximum HDD capacity varies with environment temperature)	
External Interface		

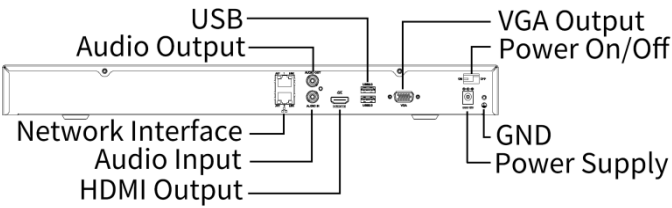| Network Interface	2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface	
USB	Rear panel: 1 × USB2.0, 1 × USB3.0, Front panel: 1 × USB2.0	
RS485	N/A	
RS232	N/A	
Alarm In	N/A	
Alarm Out	N/A	
Power Supply	DC 12 V/5 A	
Power Switch	Support	
Working Environment		
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)	
Working Humidity	≤ 90% RH (non-condensing)	
Power Consumption (without HDD)	≤ 15W	
Dimensions		
Weight (without HDD)	≤ 3.15Kg (6.94lb)	≤ 3.15 Kg (6.94lb)
Dimensions	440mm × 344mm ×50mm (17.3"×13.5"×2.0")	
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

Accessories

RM-1U-440

4HDD 1U NVR Rack Mount

Rear Panel

USB
Audio Output
VGA Output
Power On/Off
Network Interface
Audio Input
HDMI Output
GND
Power Supply