

# Network Video Recorder

## NVR304-X Series



### Key Features

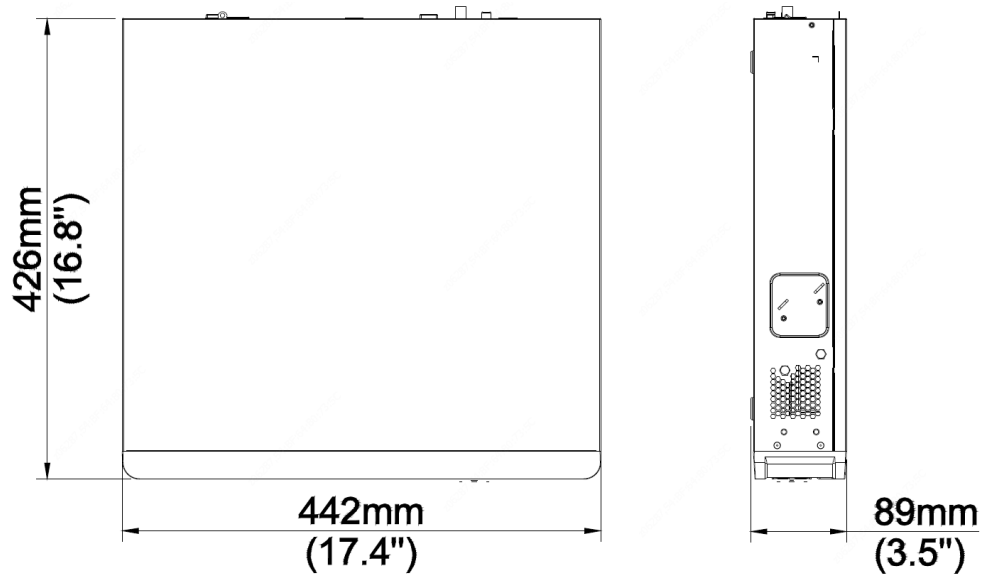
- Support Ultra 265/H.265/H.264 video formats
- 16/32-channel input
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T ) and RTSP protocols
- Support 2-ch HDMI, 1-ch VGA. HDMI1 and HDMI2 up to 4K (3840x2160) resolution
- HDMI1, HDMI2, VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- Support RAID 1, 5
- 4 SATA HDDs, Up to 10TB for each HDD
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

## Specifications

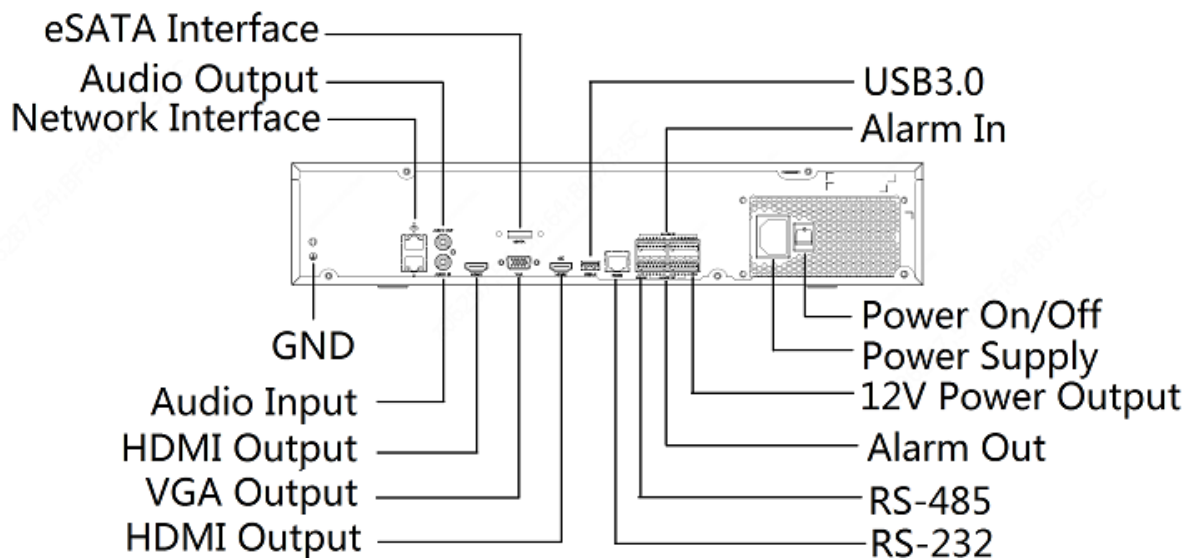
Model	NVR304-16X	NVR304-32X
<b>Video/Audio Input</b>		
IP Video Input	16-ch	32-ch
Two-way Audio Input	1-ch, RCA	
<b>Network</b>		
Incoming Bandwidth	384Mbps	
Outgoing Bandwidth	384Mbps	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, NFS	
Browser	IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows	
<b>Video/Audio Output</b>		
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, RCA	
Audio Compression	G.711A, G.711U	
Synchronous Playback	16-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
<b>Snapshot</b>		
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 4K resolution	32-ch snapshot, up to 4K resolution
<b>Decoding</b>		
Decoding format	Ultra 265, H.265, H.264	
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Capability	2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080p@30	2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080p@30, 32 x 960p@25
<b>Hard Disk</b>		
SATA	4 SATA interfaces	
Capacity	up to 10TB for each HDD	
eSATA	1 eSATA interface	
Disk Group	Support	
<b>Disk Array</b>		
Array Type	RAID 1, 5	
<b>Smart</b>		

VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left Behind, Object Removed, Vehicle Control
VCA Search	Behavior Search, Vehicle Search
People Counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP) by Camera	16-ch
<b>General Alarm</b>	
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
<b>External Interface</b>	
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
USB Interface	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0
RS232	1
RS485	1
Alarm In	16-ch
Alarm Out	4-ch
<b>General</b>	
Power Supply	100~240 VAC Power Consumption: ≤ 25 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	442mm ×426mm× 89mm (17.4" × 16.8"× 3.5")
Weight (without HDD)	≤ 5.7Kg (12.57lb)
<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.