

# 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	
Video/Audio Input			
IP Video Input	16-ch	32-ch	
Two-way Audio Input	1-ch, RCA		
Network			
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		
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, 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	
Snapshot			
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 4K resolution	32-ch 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	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	
Hard Disk			
SATA	4 SATA interfaces		
Capacity	up to 10TB for each HDD		
eSATA	1 eSATA interface		
Disk Group	Support		
Disk Array			
Array Type	RAID 1, 5		
Smart			

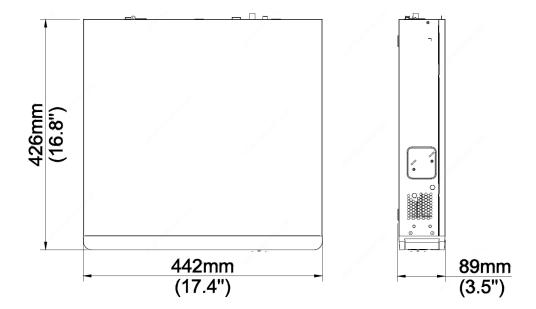


## DATASHEET

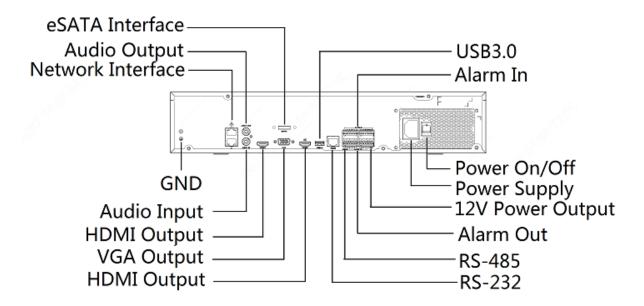
VCA Detection by Camera	Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Defocus Detection, Scene Change Detection, Auto Tracking, Object Left Behind, Object Removed, Vehicle Control, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), 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 Camera	Total 16-ch	
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 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	
General		
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)	
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**



#### Zhejiang Uniview Technologies Co., Ltd.

Building No.10, Wanlun Science Park, Jiangling Road 88, Binjiang District, Hangzhou, Zhejiang, China

Email: overseas business@uniview.com; global support@uniview.com

http://www.uniview.com

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<sup>\*</sup> Product specifications and availability are subject to change without notice.