

Network Video Recorder

NVR304-XP Series



Key Features

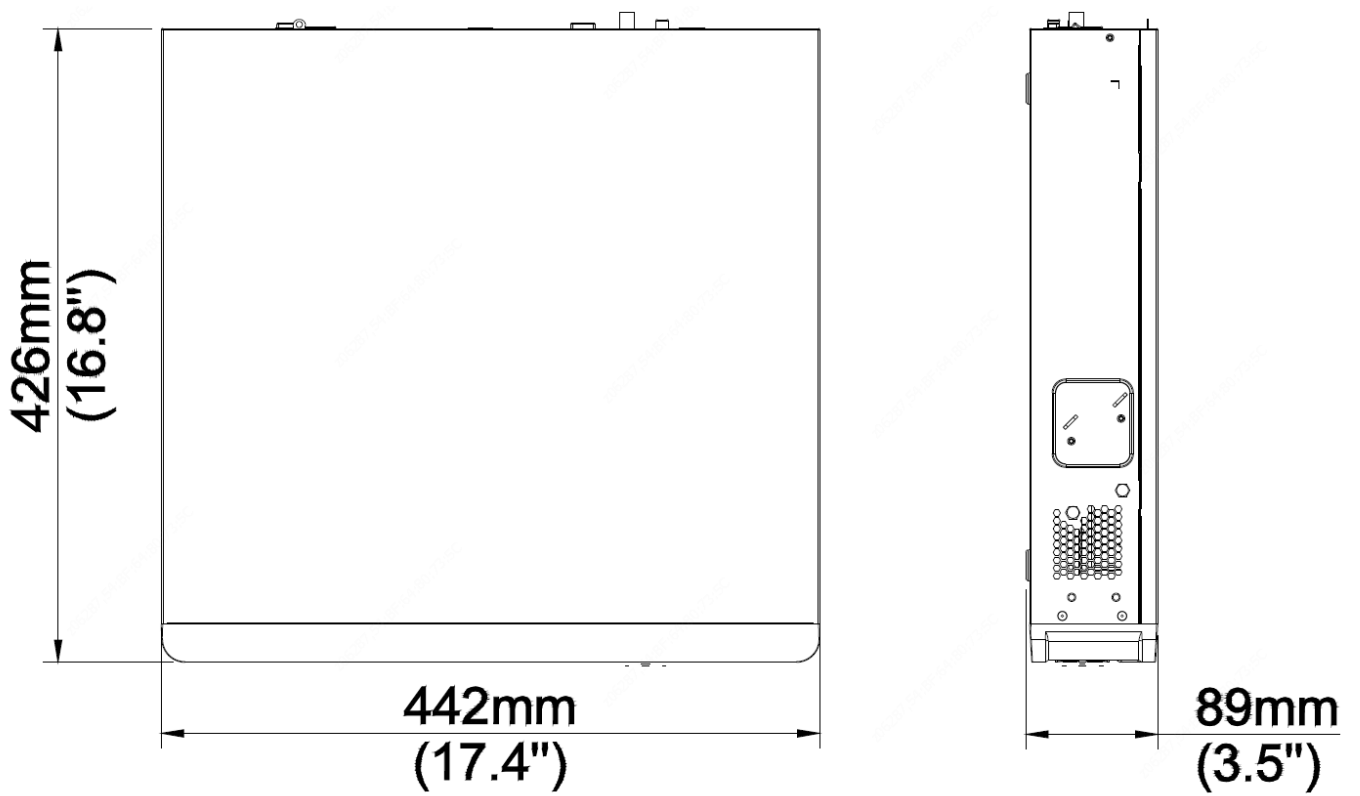
- Support Ultra H.265/H.265/H.264 Video formats (Configurable)
- 16/32-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S/Profile G/Profile T, SDK, API, Tools, Library
- Support 2-ch HDMI, 1-ch VGA. HDMI1 and HDMI2 up to 4K (3840x2160) resolution
- HDMI1, HDMI2, VGA independent 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
- Pre-Loaded VMS License (IP Video Input)
- Support Third party VMS/CMS integration with all functions
- Support cloud upgrade

Specifications

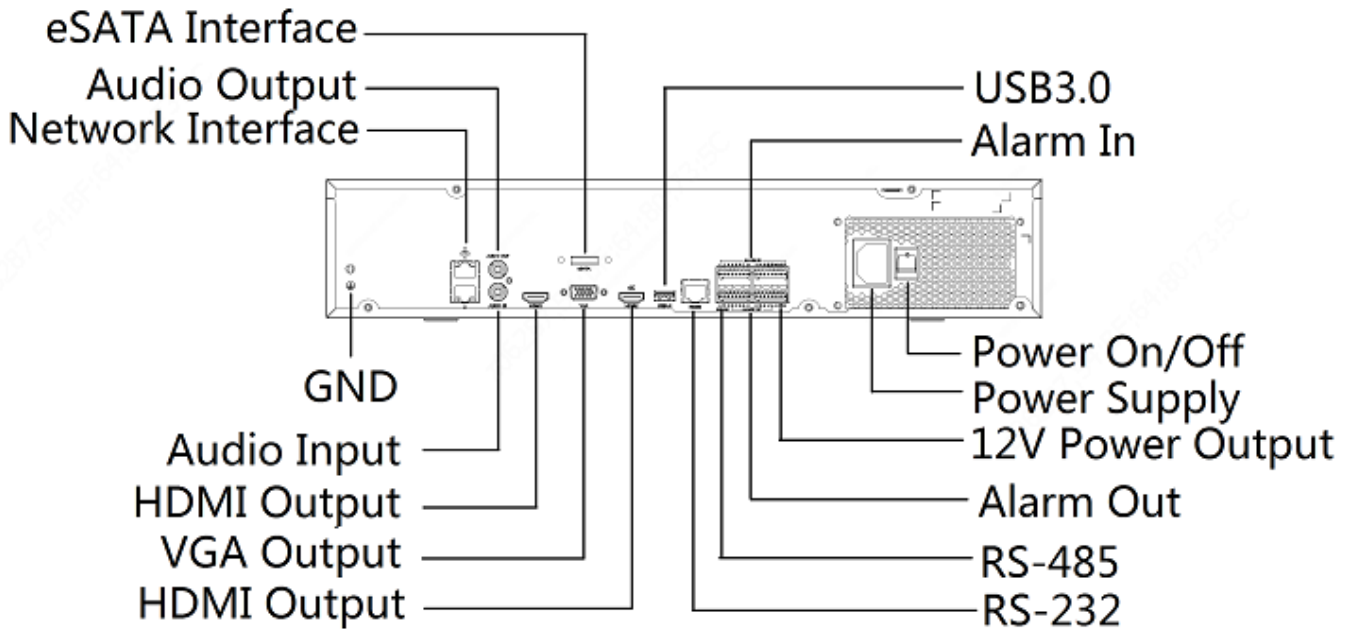
Model	NVR304-16XP	NVR304-32XP
Video/Audio Input		
IP Video Input	16-ch	32-ch
Two-way Audio Input	1-ch, RCA	
Network		
Incoming Bandwidth	384Mbps	
Outgoing Bandwidth	384Mbps	
Remote Users	128	
Protocols	P2P, IPv4/IPv6, TCP/IP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DHCP, NTP, SMTP, SNMP, UPnP, NFS, PPPoE	
Compatible Integration	ONVIF Profile S/Profile G/Profile T, SDK, API, Tools, Library	
Client	EZStation EZView EZLive IOS, Android (Smart Phone)	
Web Browser & Monitoring	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below	
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+	
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	
Synchronous Playback	16-ch	
Video Playback Speed	1x, 2x, 4x, 8x, 16x	
Corridor Mode Screen	3/4/5/7/9/10/12/16	3/4/5/7/9/10/12/16/32
Decoding		
Decoding format	Ultra H.265, H.265, H.264 (Configurable)	
Display/Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF	
Recording Capability	2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 9 x 4MP@25, 16 x 1080p@30 / 16 x 720p@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
Video Streaming	Dual Steaming (Main Stream & Sub Stream)	
Hard Disk		
SATA	4 SATA interfaces	
Capacity	up to 10TB for each HDD	
HDD Type	Surveillance & Enterprise Grade HDD Supported	
eSATA	1 eSATA interface	
Video footage Backup speed	Fast and Easy	
Disk Array		
Array Type	RAID 1, 5	

Smart	
VCA Detection	Face detection, Motion Detection, Intrusion detection, Cross line detection, Audio detection, Defocus detection, Scene change detection, Auto tracking, Object left behind, Object removed
VCA Search	Face search, Behavior search
Statistical Analysis	People counting
Processor & OS	
Processor	Rockchip
Operating System	Embedded Linux Kernel
Media Security	AES 256-Bit, TLS Encryption, RTSP Encryption, HTTPS Encryption
Audio	
Audio Compression	G.711
External Interface	
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces
Serial Interface	1 x RS485, 1 x RS232
USB Interface	Front panel: 2 x USB2.0 Rear panel: 1 x USB3.0
Alarm In	16-ch
Alarm Out	4-ch
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
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)

Dimensions



Rear Panel



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* Product specifications and availability are subject to change without notice.