

16ch, 16 PoE, 32MP Resolution, AI H.265 NVR



16ch NVR

NR164IXPQ

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > 16ch network recorder with H.265 Compression for Best-in-Class Recording and Storage Capability
- > Supports SATA HDD up to 12TB and has Embedded PoE Switch for 16 Video Channels
- > Supports recording of up to 32MP Resolution Images
- > Display Images up to 4K(8MP) Resolution on HDMI Output
- > Concurrent Independent Displays on HDMI and VGA Monitor Outputs
- > ONVIF Profile Series S Compliant
- > Smart NVR Features: Smart intrusion/Ultra Motion Detection and **AI** AcuSearch and Image search options
- > Supports Cloud Upgrade for NVR and Cameras, with Automatic Detection of Latest Firmware and Upgrades
- > Features Automatic Network Recovery (ANR) Technology to enhance storage reliability when network is disconnected
- > Supported by uniview tec Guard Station Client Software and Guard Viewer Mobile App's for iPhone and Android Devices

www.univiewtechnology.com

Specifications

Video & Audio Inputs	
IP Video Input	16-ch
Audio Input	1-ch RCA
Network	
Incoming Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps
Outgoing Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps
Remote Users	128
Protocols	TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; 802.1x; IPv6; IPv4
Supported Browsers	Windows IE(IE10/11),Firefox (version 52.0 and above),Chrome(version 45 and above),Edge(version 79 and above)
Video & Audio Outputs	
HDMI / VGA Output	HDMI: 4K(3840x2160)/60Hz, 4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080p/60Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Video Output	Support 2-ch HDMI, 2-ch VGA, HDMI1 and VGA1 simultaneous output, HDMI2 and VGA2 simultaneous output, HDMI1/VGA1 and HDMI2/VGA2 independent output
Recording Resolution	32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Audio Output	2-ch RCA
Audio Compression	G.711A,G.711U
Synchronous Playback	16-ch in local
Live view display	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9/10/12/16
Snapshot	
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 4K resolution
Records Capacity	3 million records for face snapshot; 2 million records for vehicle snapshot; 2 million records for SIP
Decoding	
Decoding format	H.265, H.264
Live view/Playback	32MP/16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Capability	Smart Off: 2 x 32MP@30, 4 x 16MP@30, 5 x 12MP@30, 8 x 4K@30, 10 x 6MP@30, 12 x 5MP@30, 16 x 4MP@30 Smart On: 1 x 32MP@30, 3 x 16MP@30, 4 x 12MP@30, 6 x 4K@30, 8 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 16 x 3MP@30
Channel	The resolution of each channel cannot exceed 8192 pixels in length or width
Hard Disk Drives	
SATA	4 SATA Interfaces
Capacity	Up to 12TB for each HDD(The maximum HDD capacity varies with environment temperature)
Disk Array Type	RAID 0,1,5

Smart Features	
VCA Detection by Camera	Face Detection; Face Comparison; Vehicle Detection; SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area); Ultra Motion Detection(UMD); Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection); People Counting(People Flow Counting, Crowd Density Monitoring); Video Metadata; Traffic Monitoring
Smart by NVR	Face detection; Face Comparison; Smart Intrusion Prevention (SIP); Ultra Motion Detection(UMD); AI AcuSearch(Human Body/Motor Vehicle)
VCA Search	Face Snapshot Search; Face Comparison Search; Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search; People Counting Report; Heat Map; SmartSearch+; AI AcuSearch
Smart by IPC	All channels (up to 16 images/s in total) Face Detection, Face Comparison, Vehicle Detection, Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring
Face Picture Library	Up to 128 face libraries, with up to 40,000 face pictures in total Flow Counting, Crowd Density Monitoring
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
AI Face Comparison by NVR	16-ch with face detecting cameras; 4-ch with normal cameras
AI Search by Image	Support
AI Smart Intrusion Prevention (SIP) by NVR	8-ch
AI Ultra Motion Detection (UMD) by NVR	16-ch
System 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, Array Damaged, Array Degraded
External Interface	
Network Interface	2 x RJ45 10M/100M/1000M self-adaptive Ethernet Interface
POE Interface	16 x RJ45 10M/100M self-adaptive Ethernet Interface; Max 30W for single port, Max 150W in total
Network Working Mode	Muli-access, load balance, network fault-tolerance
USB Interface	Front panel: 2 x USB2.0; Rear panel: 2 x USB3.0
RS485	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
Power Output	12v
General	
Power Supply	AC 100~240V, Power Consumption ≤ 50W (without HDD)
Working Environment	Temperature -10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)
Rack Ears	Not Included
Dimensions (W × D × H)	442mm × 432mm × 86mm (17.4"×17.0"×3.4")
Weight (without HDD)	≤ 5.5Kg (12.1lb)

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Network Recorders

General	
Certifications	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part15 Subpart B

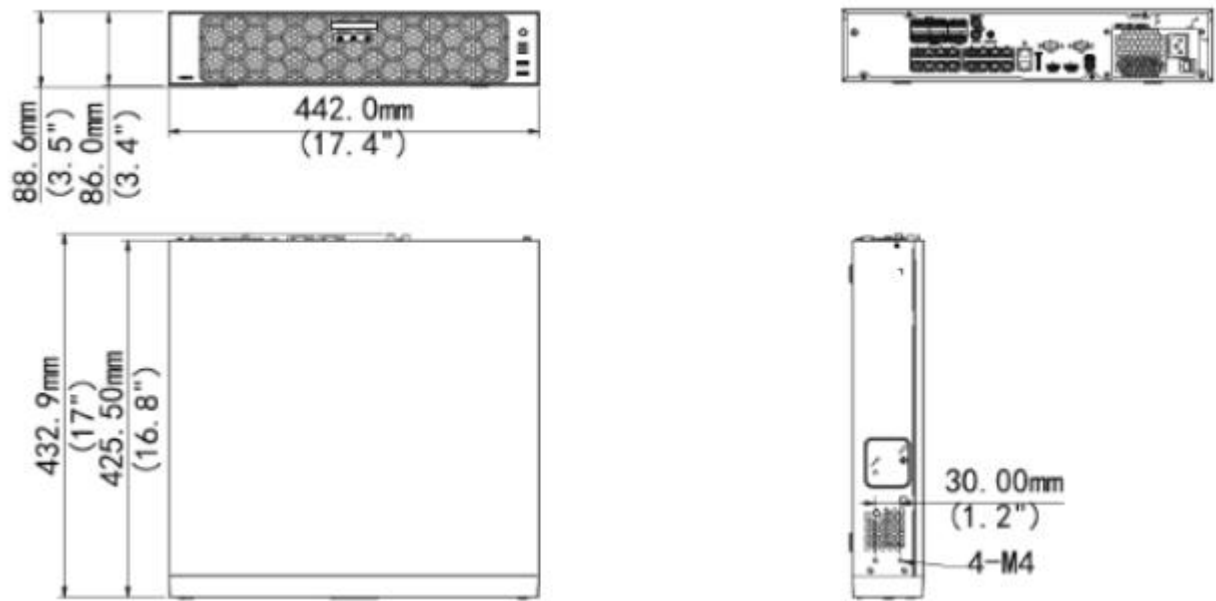
Accessories

LB3L	NVR Lockbox
NSW162GPX	16-Port PoE Switch

Models

NR164IXPQ-8T	NR164IXPQ-16T
NR164IXPQ-24T	NR164IXPQ-32T
NR164IXPQ-40T	

Dimensions



Rear Panel View

