

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



16ch NVR

NR164XPQ

- > 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 4 SATA HDD up to 12TB and has Embedded PoE Switch for all Video Channels
- > Supports recording of up to 16MP 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
- > Easy Plug and Play Functionality with Automatic Device Discovery and Display
- > 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

Uniview Technology / 850 Freeport Pkwy, Ste. 100, Coppell, TX 75019

Toll Free: 888-288-7644 / Main 972-459-8645 / Fax 972-459-8661

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UVT4420524-01

Specifications

Video & Audio Inputs	
IP Video Input	16-ch
Audio Input	1-ch RCA
Network	
Incoming Bandwidth	Smart Encoding: Off: 320Mbps Smart Encoding: Advanced Mode: 160Mbps
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP; P2P; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; NFS; RTSP; 802.1x; IPV6
Supported Browsers	For Windows: IE (IE10/11), Firefox (version 52.0 and above), Chrome (version 45 and above), and Edge (version 79 and above)
Video & Audio Outputs	
HDMI / VGA Output	HDMI: 4K(3840x2160) / 30Hz, 1920x1080p / 60Hz, 1920x1080p / 50Hz, 1600x1200 / 60Hz, 1280x1024 / 60Hz, 1280x720 / 60Hz, 1024x768 / 60Hz VGA: 1920x1080p / 60Hz, 1920x1080p / 50Hz, 1600x1200 / 60Hz, 1280x1024 / 60Hz, 1280x720 / 60Hz, 1024x768 / 60Hz
Recording Resolution	16MP / 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 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	4-ch snapshot, up to 4K resolution
Decoding	
Decoding format	H.265, H.264
Live view / Playback	16MP / 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P / D1 / 2CIF / CIF
Capability (fps)	Smart Encoding: Off: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30 Smart Encoding: Advanced Mode: 2 x 12MP@30, 2 x 4K@30, 6 x 4MP@30, 8 x 3MP@30, 12 x 1080P@30, 16 x 720P@30
Hard Disk Drives	
SATA	4 SATA Interfaces
Capacity	Up to 12TB for each HDD

Smart Features	
VCA Detection by Camera	Face Detection, Vehicle Detection, Video Metadata, Traffic Monitoring 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)
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map
People counting	People Flow Counting, Crowd Density Monitoring
Smart Intrusion Prevention (SIP) by NVR	4-ch
Ultra Motion Detection (UMD) by NVR	8-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	1 x RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB Interface	Front panel: 1 x USB2.0; Rear panel: 1 x USB3.0
RS485	1
Alarm In	16-ch
Alarm Out	4-ch
PoE	
Interface	16 x RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port, Max 150W in total
Supported Standard	IEEE 802.3af/at
General	
Power Supply	AC 100~240V, Power Consumption ≤ 12W (without HDD)
Working Environment	Temperature -10°C ~ + 50°C (+14°F ~ +122°F), Humidity ≤ 90% RH (non-condensing)
Rack Ears	Included
Dimensions (W × D × H)	400mm × 368mm × 74mm (15.7"×14.5"×2.9")
Weight (without HDD)	≤ 4Kg (8.8lb)
General	
Certifications	CE, FCC, UL, RoHS, WEEE

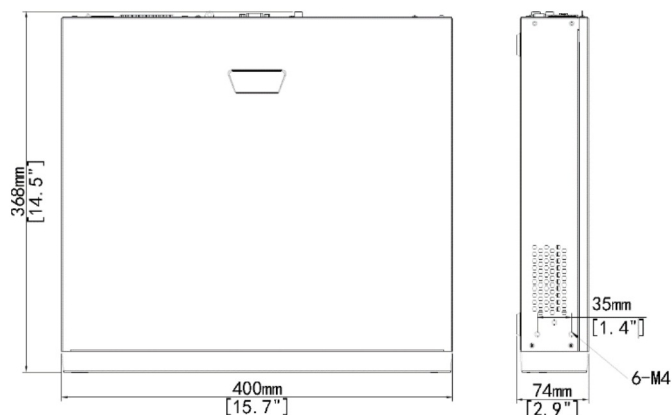
Accessories

LB3L NVR Lockbox
4KTESTMON1 Multi-Function Video Test Monitor

Models

NR162XPQ-8T NR162XPQ-16T
NR162XPQ-24T NR162XPQ-32T
NR162XPQ-40T

Dimensions



Rear Panel View

