

## 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



### **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	
- Circuit of Catalics	Face Detection, Vehicle Detection, Video Metadata, Traffic Monitoring
VCA Detection by Camera	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**

#### Models

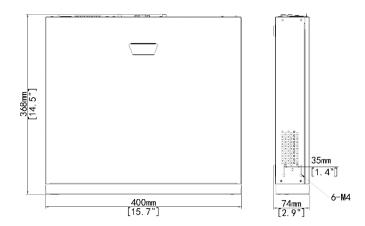
LB3L NVR Lockbox

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

4KTESTMON1 Multi-Function Video Test Monitor

NR162XPQ-40T

#### **Dimensions**



#### Rear Panel View

