

64ch, 32MP Resolution, AI H.265 NVR



64ch NVR

NR648IXPQ

- > Fully Adheres to National Defense Authorization Act (NDAA) Guidelines
- > 64ch network recorder w/ H.265 compression for best-in-class recording and storage capability
- > Supports 8 SATA HDDs up to 16TB each
- > Supports recording of up to 32MP Resolution
- > HDMI Display Output up to 4K (8MP) Resolution
- > Dual Network cards, Dual Monitor outputs, Redundant power supply optional
- > Concurrent Mirrored Display between HDMI and VGA Monitor Outputs
- > Support 2 HDMI and 2 VGA. VGA1 and HDMI1 simultaneous output, VGA2 and HDMI2 simultaneous output. VGA1/HDMI1 and VGA2/HDMI2 are independent outputs
- > Supports Cloud Upgrade for NVR and Cameras, with Automatic Detection of Latest Firmware and Upgrades, and is ONVIF Profile S Compliant
- > Supported by uniview tec Guard Station Client Software as well as Guard Live and Guard Viewer Mobile App's for iPhone and Android Devices

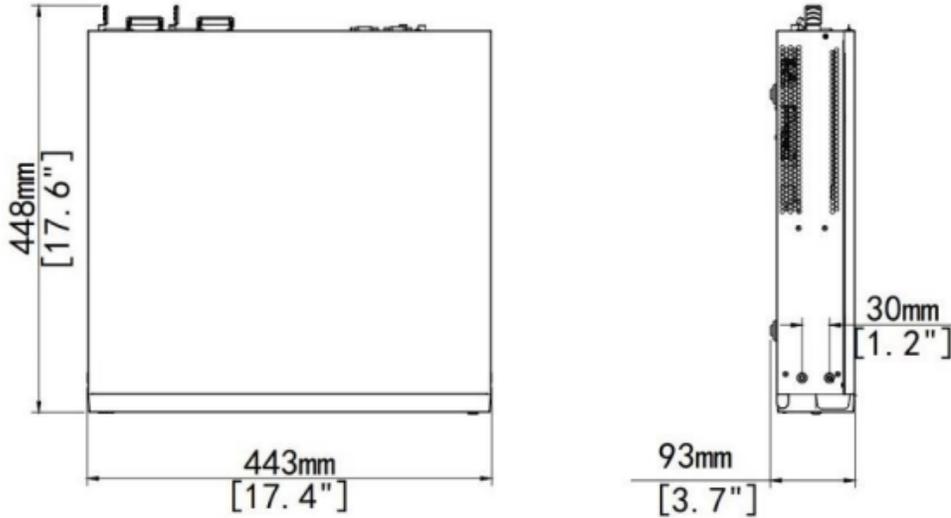
www.univiewtechnology.com

Specifications

Video & Audio Inputs	
IP Video Input	64-ch
Audio Input	1-ch
Video & Audio Outputs	
VGA Output	1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
HDMI Output	4K(3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Audio Output	RCA 2-ch
Audio Compression	G.711A, G.711U
Two-way Audio	1-ch, RCA (Using the audio input and output)
Synchronous Playback	16
Live view display	1 / 4 / 6 / 8 / 9 / 16 / 25 / 36 / 64
Network	
Incoming Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps
Outgoing Bandwidth	Smart Off: 384Mbps Smart On: 200Mbps
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; NTP; DHCP; PPPoE; HTTP; HTTPS; DNS; DDNS; SNMP; SMTP; RTSP; IPv6; IPv4
Supported Browsers	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
Snapshot	
FTP/Schedule/Event Snapshot	16-ch snapshot, up to 4K resolution
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, 20 x 3MP@30, 32 x 1080P@30, 64 x 720P@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, 24 x 1080P@30, 48 x 720P@30
Hard Disk Drives	
SATA	8 SATA Interfaces
Capacity	Up to 16TB for each HDD
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

Smart Features	
VCA Detection by Camera	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
VCA Search	Motor Vehicle Search; Non-Motor Vehicle Search; Human Body Search; General Search; People Counting Report; Heat Map
Smart by Camera	All channels (up to 16 images/s in total) Vehicle Detection, Temperature Detection, SIP,UMD, Video Metadata, Traffic Monitoring
AI Face Comparison by NVR	16-ch with face detecting cameras; 4-ch with normal cameras
AI Search by Image	Support
AI AcuTrack/AcuSearch	Support
AI Smart Intrusion Prevention (SIP) by NVR	8-ch
AI Ultra Motion Detection (UMD) by NVR	16-ch
Vehicle Picture Library	Up to 5 vehicle picture libraries, with up to 25,000 vehicle pictures in total
Face Picture Library	Up to 128 face libraries, with up to 40,000 face pictures in total Flow Counting, Crowd Density Monitoring
Capacity of Snapshot Records	2 million records for vehicle snapshot;2 million records for SIP;2 million records for video Metadata
External Interface	
Network Interface	2 RJ45 10M/100M/1000 self-adaptive Ethernet Interface
USB Interface	Front panel: 2 x USB2.0; Rear panel: 2 x USB3.0
RS485	1
RS232	1
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
General	
Power Supply	PWR-DC12-350A-IN; Power Consumption: ≤ 20W (without HDD)
Working Environment	-10°C ~ + 50°C (+14°F ~ +122°F), Humidity ≤ 90% RH(non-condensing)
Dimensions (W × D × H)	443 × 448 × 93mm (17.4 × 17.6 × 3.7")
Weight (without HDD)	≤ 6.5Kg (14.3lb)
Certifications	CE, FCC, UL, RoHS, WEEE

Dimensions



Rear Panel

