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



NDAA COMPLIANT

64ch NVR

NR648IXPQV

- > 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 24TB 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 Independent Display between HDMI and VGA Monitor Outputs
- > Support 3 HDMI and 1 VGA video output.
- > 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

Specifications

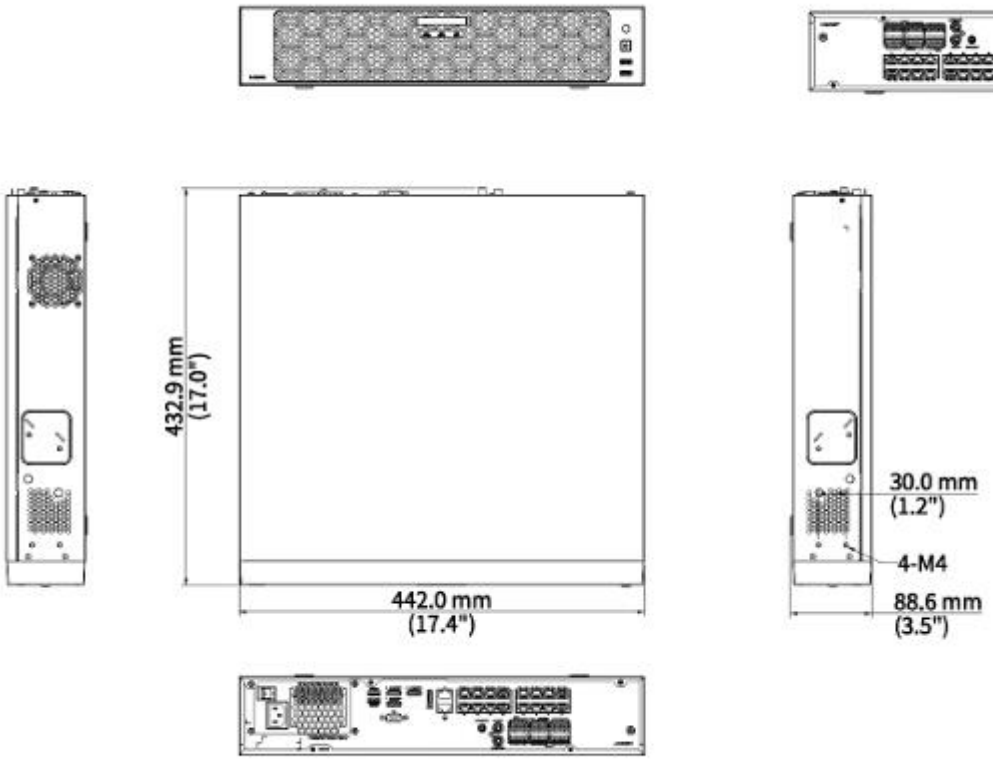
Video & Audio Inputs	
IP Video Input	64-ch
Audio Input	1-ch
Video & Audio Outputs	
VGA Output	1920 × 1080/60 Hz, 1280 × 720/60 Hz
HDMI Output	HDMI1: 4K (3840 x 2160)/60 Hz, 4K (3840 x 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz; HDMI2&HDMI3: 4K (3840 x 2160)/30 Hz, 1920 × 1080/60 Hz, 1280 × 720/60 Hz.
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	HDMI1 and VGA: 1/4/6/8/9/16/25/36/64 HDMI2: 1/4/6/8/9/16/25/36/64 HDMI3: 1/4/6/8/9/16
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: H265/H264: 2 x 32MP@30, 5 x 16MP@30, 6 x 12MP@30, 10 x 4K@30, 13 x 6MP@30, 16 x 5MP@30, 20 x 4MP@30, 26 x 3MP@30, 40 x 1080P@30, 64 x 720P@30 Smart On: H265/H264: 1 x 32MP@30, 3 x 16MP@30, 3 x 12MP@30, 6 x 4K@30, 7 x 6MP@30, 9 x 5MP@30, 12 x 4MP@30, 15 x 3MP@30, 24 x 1080P@30, 32 x 720P@30
Hard Disk Drives	
SATA	8 SATA Interfaces
Capacity	Up to 24TB 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, Audio Detection, Alarm Input
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Array Damaged

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Smart Features	
VCA Detection by Camera	Face Detection, Face Comparison, 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, Long Stay Detection, Fall Detection, Vehicle Detection, Multi-Target Detection, Package Detection, Vehicle Detection (LPR)
VCA Search	Face Snapshot Search, Face Comparison Search, Behavior Search, Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report, Heat Map, SmartSearch+, AcuSearch, AcuTrack, SeekFree
Smart by Camera	All channels (up to 32 images/s in total) Face Detection, Face Comparison, Vehicle Detection (LPR), Temperature Detection, SIP, UMD, Video Metadata, Traffic Monitoring, People Counting
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 16 vehicle picture libraries, with up to 25,000 vehicle pictures in total
Face Picture Library	Up to 128 face libraries, with up to 50,000 face pictures in total Flow Counting, Crowd Density Monitoring
Capacity of Snapshot Records	3 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; 24 RJ45 10 M/100 M self-adaptive Ethernet Interface
Max Power	Max 30 W for single port, Max 210 W in total
USB Interface	Front panel: 2 × USB2.0, Front panel: 2 × USB3.0
RS485	1
RS232	0
Alarm In	16-ch
Alarm Out	10-ch
eSATA	1
General	
Power Supply	AC 100 to 240 V ≤ 50W(without HDD)
Working Environment	-10°C ~ + 50°C (+14°F ~ +122°F), Humidity ≤ 95% RH(non-condensing)
Dimensions (W × D × H)	443 × 448 × 93mm (17.4 × 17.6 × 3.7")
Weight (without HDD)	≤ 5.5Kg (12.1lb)
Certifications	CE, FCC, UL, RoHS, WEEE

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Dimensions



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