

SN-NVR3964E4-J

64CH 1.5U 4HDD 4K AI NVR



Key Features

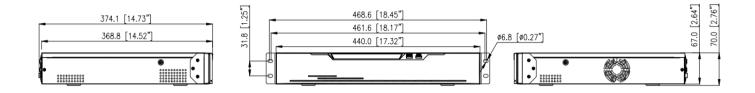
- Up to 64-ch IP cameras access
- Up to 400 Mbps incoming/outgoing bandwidth
- Up to 1-ch@12MP/4-ch@8MP/8-ch@4MP/16-ch@1080P/32-ch@D1/64-ch@D1 decoding capacity
- Support mask detection, face recognition and multi-objective recognition
- Supports some specialist cameras, including people counting camera, ANPR camera,
 fisheye camera, panoramic camera and thermal camera
- Support fisheye Dewarping and VCA alarm linkage
- Up to 4-ch perimeter protection
- Support 2 HDMI and 1 VGA interface
- Support RAID 0/1/5/6/10 and N+1 hot spare

Specification

Video Input		
IP Camera Input	64 Channel	
Incoming Bandwidth	400Mbps	
Outgoing Bandwidth	400Mbps	
Video Output		
HDMI 1 Output	3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768	
HDMI 2 Output	1920 × 1080, 1280 × 1024, 1024 × 768	
VGA Output	1920 × 1080, 1280 × 1024, 1024 × 768	
Different Source Output	Support	
Decoding Capacity	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1	
Dual Stream	Support	
Multi-screen Display	1st Screen: 1/4/8/9/16/32/36/64 2nd Screen: 1/4/8/9/16	
Al Recognition		
Face Comparison	Real-time captured and display faces comparison results (registrant (name and ID), stranger, channel, similarity)	
Multi-objective	Real-time captured and display vehicle, human body, non-motor vehicle, license plates image, and faces comparison results (registrant, stranger, channel, similarity)	
Smart Search	Time, Properties, Pictures, License plate	
Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.	
Recoding		
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.	
Recording Mode	Manual, Schedule (Regular, Continuous), Event	
Trigger Events	Motion Detection, Video Loss, Alarm in, IVS	
Playback and Backup		
Sync Playback	16/9/4/1	
Search Mode	Time /Date, Alarm, Picture grid, Event	
Backup Mode	USB Device, Network, eSATA	
Alarm		
General Alarm	Motion Detection, Video Loss, Alarm in, Alarm out	
Intelligent Analysis (By Camera)	Smoking Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion detection, Enter Area, Leave Area, etc.	
Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect	

Intrusion Defection (ky NVR) 4-ch, support the accurate detection of human and vehicle Network Network Function HTTP, HTTPS, TCP/IP, IPV4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SMMP, SCACA, PPPDE Remote Users 8 users P2P Support Storage Very RAID ANR Support Bald RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 Interface 4 SATA interfaces, up to 16TB capacity for each disk Network Interface 4 SATA Interfaces, up to 16TB capacity for each disk Network Interface 2 × RI-45, 10/100/1000 Mbps self-adaptive Ethemet port eSATA 1 eSATA Interface 4 User 2 × RI-45, 10/100/1000 Mbps self-adaptive Ethemet port eSATA 1 eSATA Interface 4 User 2 × RI-45, 10/100/1000 Mbps self-adaptive Ethemet port eSATA 1 eSATA Interface 4 User 2 × RI-45, 10/100/1000 Mbps self-adaptive Ethemet port eSATA 1 eSATA Interface 4 User 3 /1 4 User 4 6/6 USB interface 1 eSATA Interface 8-2-32 Interface 1			
Network Function HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3/dA, PProc Remote Users 8 users P2P Support Interoperability ONVIF, SDK, CGI Storage ANR Support Disk Group Support RAID RAID O, RAID 1, RAID 5, RAID 6, RAID 10 Interface HDD Interface 4 SATA interfaces, up to 16T8 capacity for each disk Network Interface 2 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port eSATA 1 eSATA Interface USA 1 Audio In/Out 1/1 Alarm In/Out 16/6 USB Interface 1 RS-485 Interface 1 RS-232 Interface 1 BS-232 Interface 1 CB-232 Interface 10 to 0	Intrusion Detection (By NVR)	4-ch, support the accurate detection of human and vehicle	
Remote Users 36/4G, PPPoE Remote Users 8 users P2P Support Interoperability ONIVE, SDK, CGI Storage ANR Support Bulb Group Support RAID 0, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 Interface HDD Interface 4 SATA interfaces, up to 16TB capacity for each disk Nework Interface ESATA 1 eSATA interface LAID 1.00/1000 Mbps self-adaptive Ethernet port ESATA 1 eSATA interface HDMI 2 VGA 1 Audio in/Out 1/1 All Interface Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 RS-485 interface 1 Rs-485 interface 1 Rs-232 Interface 1 Rs-245 interface 1 Rs-252 Interface 1 Rs-252 Interface 1 Rs-252	Network		
P2P Support Interoperability ONVIF, SDK, CGI Storage ANR Support Bulbs Group Support RAID RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 Interface HDD Interface HDD Interface 4 SATA interfaces, up to 16TB capacity for each disk Nework Interface 4 SATA 1 ESATA interface HDMI 2 VGA 1 Interface 1 Power Interface Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 RS-485 Interface 1 RS-232 Interface 1 Rs-8485 Interface 1 Rs-848	Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE	
Storage Storage Support ANR Support RAID RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 Interface HDD Interface 4 SATA interfaces, up to 16TB capacity for each disk Network Interface 2 × RI-45, 10/300/1000 Mbps self-adaptive Ethernet port eSATA 1 eSATA Interface HDMI 2 VGA 1 Audio In/Out 1/1 Alarm In/Out 16/6 USB Interface Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 R5-485 Interface 1 R5-232 Interface 1 Reset Button On-board reset button Coneral Power Supply 100 to 240VAC Power Consumption <15 W (without HDD)	Remote Users	8 users	
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ANR Support Disk Group Support RAID RAID O, RAID 1, RAID 5, RAID 6, RAID 10 Interface Well AS ATA interfaces, up to 16TB capacity for each disk Network interface 4 SATA interfaces, up to 16TB capacity for each disk Network interface 2 × RI-45, 10/100/1000 Mbps self-adaptive Ethernet port eSATA 1 eSATA Interface HDMI 2 VGA 1 Audio In/Out 1/1 Alarm In/Out 16/6 USB Interface Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 RS-485 Interface 1 RS-232 Interface 1 Reset Button On-board reset button General Power Supply 100 to 240 VAC Power Consumption < 15 W (without HDD) Operating Conditions Less than 90% RH Certifications CE/FCC Binnessions 440 × 368.8 × 70 mm (17.32 × 14.52 × 2.76 inch)	Interoperability	ONVIF, SDK, CGI	
Disk Group Support RAID RAID 0, RAID 1, RAID 5, RAID 6, RAID 10 Interface 4 SATA interfaces, up to 16TB capacity for each disk Network Interface 2 × RI-45, 10/100/1000 Mbps self-adaptive Ethernet port eSATA 1 eSATA Interface HDMI 2 VGA 1 Audio In/Out 1/1 Alarm In/Out 16/6 USB Interface Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 RS-485 Interface 1 Reset Button On-board reset button General Power Supply 100 to 240VAC Power Consumption <15 W (without HDD) Operating Conditions -10 °C to 50 °C (14 °F to 122 °F) Storage Conditions Less than 90% RH Certifications CE/FCC Dimensions 440 × 368.8 × 70 mm (17.32 × 14.52 × 2.76 inch)	Storage		
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Alarm In/Out 16/6 USB Interface Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 RS-485 Interface 1 RS-232 Interface 1 Reset Button On-board reset button Ceneral Power Supply 100 to 240VAC Power Consumption Operating Conditions -10 °C to 50 °C (14 °F to 122 °F) Storage Conditions Less than 90% RH Certifications CE/FCC Dimensions 440 × 368.8 × 70 mm (17.32 × 14.52 × 2.76 inch)	VGA	1	
USB Interface Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0 RS-485 Interface 1 RS-232 Interface 1 Reset Button On-board reset button General Power Supply 100 to 240VAC Power Consumption <15 W (without HDD) Operating Conditions -10 °C to 50 °C (14 °F to 122 °F) Storage Conditions CE/FCC Dimensions 440 × 368.8 × 70 mm (17.32 × 14.52 × 2.76 inch)	Audio In/Out	1/1	
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Certifications CE/FCC Dimensions 440 × 368.8 × 70 mm (17.32 × 14.52 × 2.76 inch)	Operating Conditions	-10 °C to 50 °C (14 °F to 122 °F)	
Dimensions 440 × 368.8 × 70 mm (17.32 × 14.52 × 2.76 inch)	Storage Conditions	Less than 90% RH	
	Certifications	CE/FCC	
Net Weight 4.65 kg (10.25 lb) without HDD	Dimensions	440 × 368.8 × 70 mm (17.32 × 14.52 × 2.76 inch)	
	Net Weight	4.65 kg (10.25 lb) without HDD	

Dimensions (mm)



Rear Panel

