



SNNVR3964E4J

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



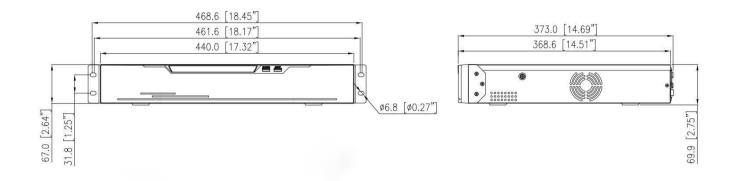


Specification

IP Camera Input 64 Channel Incoming Bandwidth 400Mbps Outgoing Bandwidth 400Mbps Video Output Video Output HDMI 1 Output 3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768 HDMI 2 Output 1920 × 1080, 1280 × 1024, 1024 × 768 VSA 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 3ts Screen: 1/4/8/9/16/32/36/64 Autream Multi-screen Display 3ts Screen: 1/4/8/9/16/92 Autream Similarity Multi-screen Display 3ts Screen: 1/4/8/9/16/92 Autream Similarity Multi-screen Display 3sel-time captured and display faces comparison results (registrant, name and ID), stranger, channel, similarity Multi-screen Display 2sel-time captured and display vehicle, human body, non-motor vehicle, license plate in accomparison results (registrant, stranger, channel, similarity) Multi-screen Display 2sel-time captured and display vehicle, human body, non-motor vehicle, license plate in accessory accom	Video Input		
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 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 and Screen: 1/4/8/9/16/32/36/64 All 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 weblice, human body, non-motor weblicle, 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, Emall, Alarm Out, Compare the result simultaneously, etc. Recoding Resolution 12MP, 8MP, 5MP, 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 Ime / Date, Alarm, Picture grid, Event Backup Mode USB Device, Network, eSATA Alarm General Alarm Motion Detection, Video Loss, Alarm in, Alarm out Intelligent Analysis (**Output Date (**O	IP Camera Input	64 Channel	
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 VGA Output 1920 × 1080, 1280 × 1024, 1024 × 768 Uifferent Source Output Support 1 ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1 Dual Stream Support 1 st Screen: 1/4/8/9/16/32/36/64 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Incoming Bandwidth	400Mbps	
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Multi-screen Display 1st Screen: 1/4/8/9/16/32/36/64 2nd Screen: 1/4/8/9/16 AI Recognition 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 1Ime / Date, Alarm, Picture grid, Event Backup Mode USB Device, Network, eSATA Alarm General Alarm Motion Detection, Video Loss, Alarm in, Alarm out Smoking Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Lottering, Wrong-way, Illegal Parking, People Counting, Smart motion	Decoding Capacity	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1	
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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 (Page 2) 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	Multi-screen Display		
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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 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	Face Comparison		
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 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	Multi-objective		
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 Smoking Detection, Video Loss, Alarm in, Alarm out 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	Smart Search	Time, Properties, Pictures, License plate	
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 Oswing Detection, Smoke and Fire Detection, Fire Spot Detection, Intrusion, Single Line Crossing, Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion	Trigger Events	Buzzer, Alarm push, Alarm prompt, Email, Alarm Out, Compare the result simultaneously, etc.	
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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, User Months (By Camera) Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion	Recording Mode	Manual, Schedule (Regular, Continuous), Event	
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	Trigger Events	Motion Detection, Video Loss, Alarm in, IVS	
Search Mode Time /Date, Alarm, Picture grid, Event 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	Playback and Backup		
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	Sync Playback	16/9/4/1	
Alarm Motion Detection, Video Loss, Alarm in, Alarm out Intelligent Analysis (By Camera) Motion Detection, Video Loss, Alarm in, Alarm out 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	Search Mode	Time /Date, Alarm, Picture grid, Event	
General Alarm Motion Detection, Video Loss, Alarm in, Alarm out Intelligent Analysis (By Camera) Motion Detection, Video Loss, Alarm in, Alarm out 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	Backup Mode	USB Device, Network, eSATA	
Intelligent Analysis 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	Alarm		
Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion	General Alarm	Motion Detection, Video Loss, Alarm in, Alarm out	
		Double Line Crossing, Loitering, Wrong-way, Illegal Parking, People Counting, Smart motion	
Abnormal Alarm Disk Alarm, IP Address Conflict, Network Disconnect	Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect	
Intelligent Analysis (By NVR) 4-ch intrusion detection, support the accurate detection of human and vehicle		4-ch intrusion detection, support the accurate detection of human and vehicle	
Event Action Buzzer, Push message to APP, Pop up message to monitor, Full screen, Email, FTP, PTZ, Alarm output, Recording			

Network		
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, FTP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE	
Remote Users	8 users	
P2P	P2P, Web NAT	
Interoperability	ONVIF, SDK, CGI	
Storage		
ANR	Support	
Disk Group	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 × RJ-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 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 × 373 × 69.9 mm (17.32 × 14.69 × 2.75 inch)	
Net Weight	4.65 kg (10.25 lb) without HDD	

Dimensions (mm)



Rear Panel

