SN-NVR3964E16-CR

64CH 8K 16-HDD NVR



Key Features

- Up to 64-ch IP camera access
- Up to 640 Mbps incoming/outgoing bandwidth
- Up to 48-ch @ 1080p decoding capacity
- Supports face comparison and target search
- Supports specialist cameras, including people counting, ANPR, fisheye, panoramic, and thermal cameras
- Supports fisheye dewarping and VCA alarm linkage
- Up to 4-ch perimeter protection
- Supports 4 × HDMI and 1 × VGA interfaces
- Supports RAID 0/1/5/6/10, and N+1 failover, and redundant power
- Hardware Root of Trust with FIPS 140-3 Level 3 certified secure element

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Specifications

Video & Audio	
IP Camera Input	64 Channel
HDMI Output	HDMI 1: 7680 × 4320, 3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768 HDMI 2: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768 HDMI 3: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768 HDMI 4: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768
VGA Output	1920 × 1080, 1280 × 1024, 1024 × 768
Different Source Output	Up to 4 channels
Multi-screen Display	HDMI 1: 1 / 4 / 8 / 9 / 16 / 32 / 36 / 64 HDMI 2: 1 / 4 / 8 / 9 / 16 / 32 / 36 HDMI 3: 1 / 4 / 8 / 9 / 16 HDMI 4 / VGA: 1 / 4 / 8 / 9 / 16
Decoding Capacity	Up to 48ch @ 1080P
IVS	
Intelligent Analysis (By NVR)	- Supports face comparison and image-based search - Supports human and vehicle attribute search - Up to 4-ch intrusion detection with human/vehicle target filtering
Intelligent Analysis (By Camera)	Intrusion, smart motion, single line crossing, double line crossing, object left, object removed, signal bad loitering, multi-loitering, abnormal speed, wrong way, illegal parking, people counting, fence, enter area, leave area, smoking detection, smoke and flame detection, fire spot detection, etc.
Trigger Event Actions	Buzzer, Push message to APP, Full screen, Email, FTP, PTZ, Speaker, Alarm out, Camera alarm out, Event recording
Smart Search	Supported
Recording	
Recording Resolution	32MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc.
Recording Mode	Manual, Schedule (Regular, Continuous), Event
Dual Stream	Supported
Audio Compression	G.711A, G.711U, PCM
Playback & Backup	
Synchronous Playback	16/9/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Playback Control	Play, pause, FF/REW, slow, digital zoom
Backup Mode	USB Device, Network, eSATA, NAS
Event	
General Event	Motion Detection, Video Loss, Alarm in, Abnormal alarm, Alarm out
Abnormal Alarm	Disk Alarm, IP Address Conflict, Network Disconnect, Failover alarm

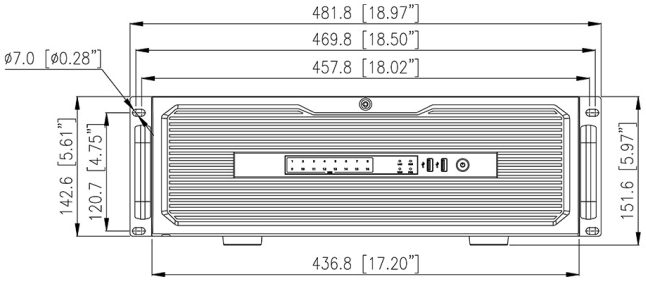
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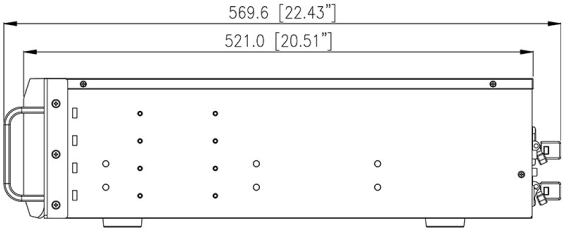
Event Actions	Buzzer, Push message to APP, Full screen, Email, FTP, PTZ, Alarm output, Recording
Network	
Incoming Bandwidth	640 Mbps
Outgoing Bandwidth	640 Mbps
Protocols	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, FTP, P2P, IP Address Filtering, DDNS, IEEE 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	Up to 8 users
P2P	P2P, Web NAT
Interoperability	ONVIF, SDK, CGI
Security	IP Address Filtering, User Access Log, IEEE 802.1X, TLS, Signed Firmware, Secure Boot, FIPS 140-3 Level 3 Certified Secure Element
Storage	
HDD	16 SATA interfaces
Capacity	Up to 16 TB per disk
ANR	Supported
Disk Group	Supported
RAID	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Interface	
Network Interface	2 × RJ45 10/100/1000/2500 Mbps Ethernet ports
eSATA	2 eSATA Interfaces
HDMI	4
VGA	1
Audio Interface	1 input, 1 output
Alarm Interface	24 inputs, 8 outputs
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0
RS-232	1
RS-485	1
Reset Button	On-board reset button
General	
Power Supply	100 to 240VAC, redundant power supply
Power Consumption	Max. 70W (without HDD)
Operating Conditions	-10 ℃ to 50 ℃ (14 ℉ to 122 ℉)
Operating Humidity	10% to 90% RH, non-condensing
Certifications	CE/FCC
Dimensions	Without rack ears: 436.8 × 521.0 × 151.6 mm (17.20 × 20.51 × 5.97 in) With rack ears: 481.8 × 569.6 × 151.6 mm (18.97 × 22.43 × 5.97 in)
Net Weight	Approx. 12.1 kg (26.7 lb) without HDD

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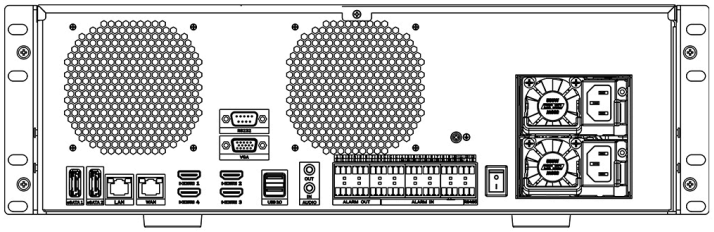
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Dimensions (mm)





Rear Panel



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