NVR 3900 4S Series
32/64CH 1.5U 4HDD 4K AI NVR

Dual Monitor Display

The primary monitor and secondary monitor can be configured separately and have their own display settings which enable users to have different liveview or playback display layout simultaneously, offering a more efficient and explicit surveillance.

4K Video Viewing Experience

Microview 4K NVR 3900 4S Series supports up to 4K definition (3840*2160, effectively four times that of Full HD) live viewing, playback and recording, providing users with ultra-high-definition video viewing experience.

RAID 0/1 /5/6/10

RAID (Redundant Array of Independent Disks) is a method of combining hard disks as a logical unit to achieve redundancy and greater speed of writing and reading data.

FEATURES

- Up to 32/64-ch IP cameras access
- Up to 320/400 Mbps incoming/outgoing bandwidth
- 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

4K	ANR	OnVIF	Multi-Video Output	TRANSCODING	RAID
P2P	N+1 HOT SPARE	Alaram IN/OUT	AUDIO OUT	HDMI	VGA

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MICROVIEW
surveillance

NVR 3900 4S Series

TECHNICAL SPECIFICATION

VIDEO/AUDIO INPUT

Part Number	MV-NVR3932CH-4S	MV-NVR3964CH-4S
Network Video Input	32-CH	64-CH
Bandwidth Incoming	320Mbps	400Mbps
Bandwidth Outgoing	320Mbps	400Mbps

VIDEO/AUDIO 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	
Dual Stream	Support	
Recording Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P, D1 etc	
Synchronous Playback	16/9/4/1	
Decoding Capacity	1ch 12MP, 4ch 4MP, 9ch 1080P, 16ch D1, 32ch D1	1ch 12MP, 4ch 8MP, 8ch 4MP, 16ch 1080P, 32ch D1, 64ch D1
Multi-screen Display	1st Screen: 1/4/8/9/16/32/36 2nd Screen: 1/4/8/9/16	1st Screen: 1/4/8/9/16/32/36/64 2nd Screen: 1/4/8/9/16
Recording Mode	Manual, Schedule (Regular, Continuous), Event	
Trigger Events	Motion Detection, Video Loss, Alarm in, IVS	

VIDEO/AUDIO COMPRESSION

Video Compression	H.265+/H.265(HEVC)/H.264+/H.264
Audio Compression	G.711/AAC/G.722/G.726

AI 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

PLAYBACK & BACKUP

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 Detection (By NVR)	4-ch, support the accurate detection of human and vehicle

MICROVIEW surveillance

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TECHNICAL SPECIFICATION

NETWORK

Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, 3G/4G, PPPoE
Remote Users	8 users
P2P	Support
Interoperability	ONVIF, SDK, CGI

STORAGE

ANR	Support
Disk Group	Support
RAID	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10

INTERFACE

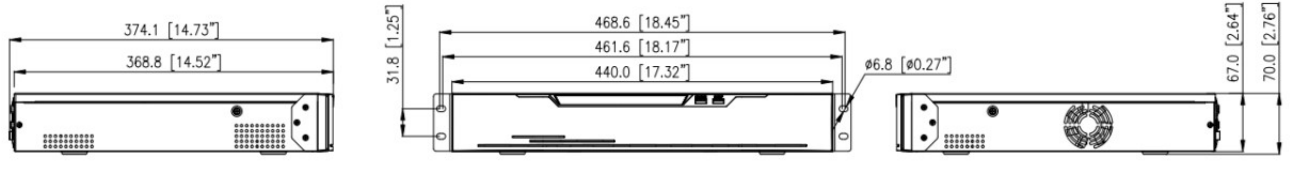|	
HDD Interface	4 SATA interfaces, up to 16TB capacity for each disk
Network Interface	2 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
eSATA	1 eSATA Interface
HDMI	2
VGA	1
Audio In/Out	1/1
Alarm In/Out	16/6
USB Interface	Front panel: 2 × USB 2.0, Rear panel: 2 × USB 3.0
RS-485 Interface	1
RS-232 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 × 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