DH-NVR608/608R-64-4K

64 Channel Super Network Video Recorder

Features

- Max 64channel IP cameras input
- Max 384Mbps incoming bandwidth
- Up to 8Mp resolution preview& playback
- 1VGA+2HDMI
- Support RAID0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI to expand storage space
- Compatible with Dahua SDK and seamless integrated to other platforms
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- ONVIF Version 2.4 conformance
- Redundant power supply module adopted (DH-NVR608R-64-4K)
- Support face detection
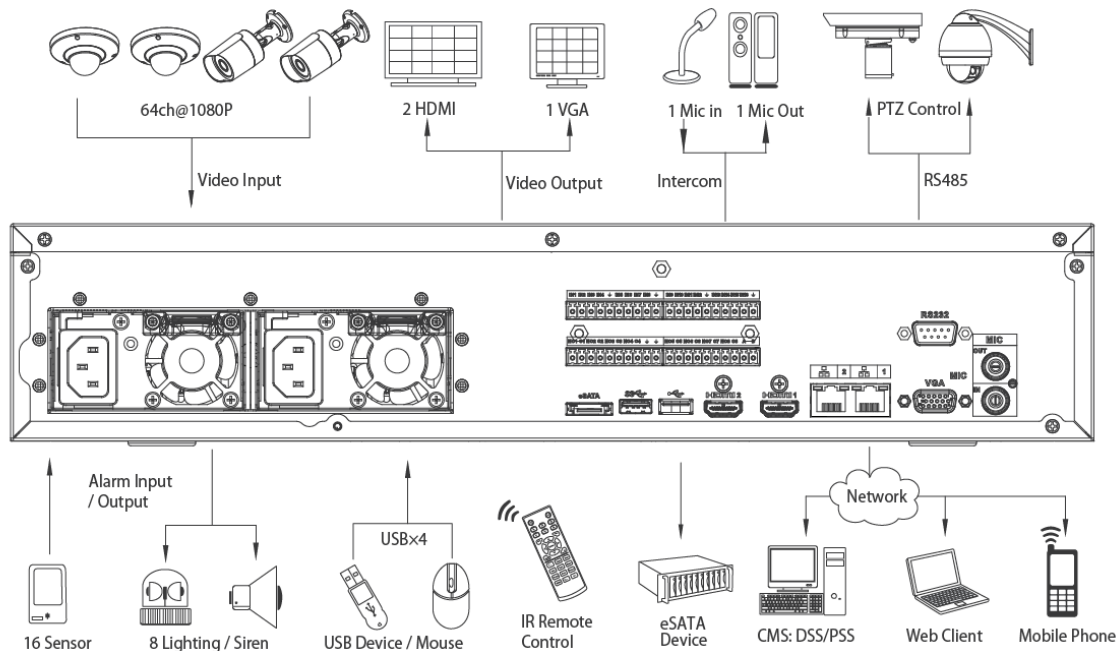
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Technical Specifications

Model	DH-NVR608-64-4K	DH-NVR608R-64-4K
System		
Main Processor	Intel Processors	
Operating System	LINUX	
Motherboard	Embedded Board (Support 7x24 operation)	
Memory	4GB DDR3	
Fan	Dual ball screw bearing fan, MTBF>100,000h, support replacement during operation	
Interface	Local GUI &WEB GUI	
Video & Audio		
Input	64ch@1080P/720P/D1	
Transmission	64ch@1080P/720P/D1	
Recording	64ch@1080P/720P/D1	
Preview	8ch@1080P/16ch@720P/32ch@D1	
Playback	128Mbps in Raid 5 mode 64Mbps in single HDD mode	
Recording Resolution	8Mp, 6Mp, 5Mp, 3Mp, 1080P, 720P, 960H, D1, CIF, QCIF, VGA	
Audio	1ch in/1ch out, RCA	
Recording		
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop	
Alarm Recording	Video loss, Camera blank, Motion detection, External alarm, Face detection, Video analysis	
Backup Mode	Network download / USB HDD/USB CD&DVD-RW / eSATA Device	
Display		
Interface	2 HDMI+1 VGA	
Video Output	HDMI 1+ HDMI 2 + VGA	
Multi-screen Display	The 1st screen: 1/4/8/9/16/25/36 The 2nd screen: 1/4/8/9/16	
Privacy Masking	4 customized zones for privacy masking for each area	
Storage		
Internal HDD	8 SATA III ports, up to 48TB	
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare)	
HDD Installation	Independent HDD rack	
Network		
Interface	2 RJ-45 ports(10/100/1000Mbps)	
Ethernet Port	2 Ethernet ports joint working or 2 independent 1000Mbps Ethernet ports	
MD & Alarm		
Motion Detection	Zones: 396(22×18), Sensitivity: 1~100 (level 100 is the highest)	
Alarm Input	16ch, low level effective, green terminal interface	
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface	
Auxiliary Interface		

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USB	4 USB ports(3USB2.0, 1 USB3.0)	
eSATA	1 eSATA port	
General		
Power Supply	AC110V~240V, 50/60Hz	AC100V~240V, 50~60Hz, Redundant
Power Consumption	<40W (Without HDD)	
Working Environment	-10˚C~55˚C	
Working Humidity	10%~90% (non-condensation)	
Dimension(W×D×H)	486mm(with ears)×454.9mm ×91mm	486mm(with ears)×471.8mm ×91mm
Weight	9kg (without HDD)	
Installation	19" Rack-mounted	

System Connection:

64ch@1080P 2 HDMI 1 VGA 1 Mic in 1 Mic Out PTZ Control

Video Input Video Output Intercom RS485

Alarm Input / Output USB×4 Network

16 Sensor 8 Lighting / Siren USB Device / Mouse IR Remote Control eSATA Device CMS: DSS/PSS Web Client Mobile Phone

*Takes DH-NVR608R-64 as an example

*Design and specifications are subject to change without notice.