DH-NVR608/608R-128-4K

128 Channel Super 4K Network Video Recorder

Features

• Max 128 channel IP cameras connection

• Max 384Mbps incoming bandwidth

• Up to 12Mp resolution preview& playback

• 1 VGA+2 HDMI

• Support 8 hot-swap HDDs

• Support RAID 0/1/5/6/10/50/60

• 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

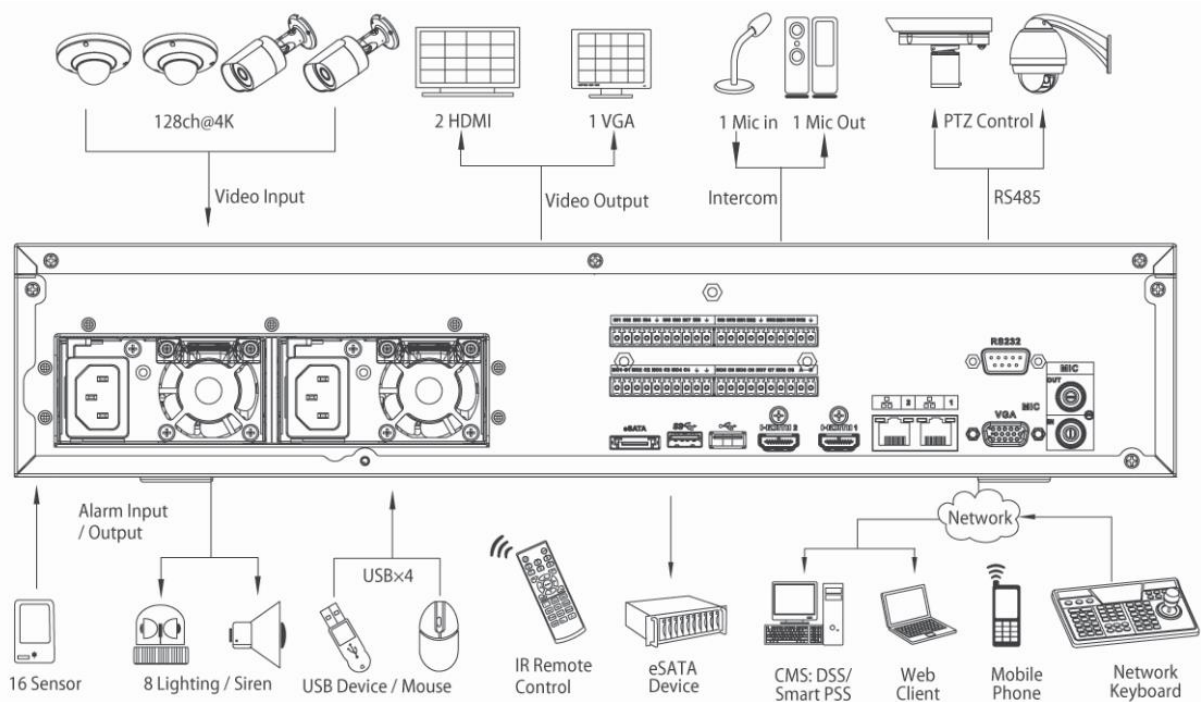• Redundant power supply module adopted (DH-NVR608R-128-4K)

Technical Specifications

Model	DH-NVR608-128-4K	DH-NVR608R-128-4K
System		
Main Processor	Intel Processors	
Operating System	LINUX	
Video& Audio		
IP Camera Input	128 channel	
Two-way Talk	1channel Input, 1channel Output, RCA	
Display		
Interface	2 HDMI (up to 3840×2160), 1 VGA	
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768	
Multi-screen Display	The 1st screen: 1/4/8/9/16/25/36	
	The 2nd screen: 1/4/8/9/16	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
Recording		
Compression	H.265/H.264/MJPEG	
Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.	
Record Rate	384Mbps	
Bit Rate	1~ 20Mbps	
Record Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop	
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec	
Video Detection & Alarm		
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank	
Alarm Input	16ch, low level effective, green terminal interface	
Relay Output	8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface	
Playback & Backup		
Playback	128Mbps in Raid 5 mode 64Mbps in single HDD mode	
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search	
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom	
Backup Mode	USB Device/Network/Internal SATA burner/eSATA Device	
Network		
Interface	2 RJ-45 ports (10/100/1000Mbps)	
Ethernet Port	2 Ethernet ports joint working or 2 independent 1000Mbps Ethernet ports	
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)	
Max. User Access	128 users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Storage		

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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)	
Auxiliary Interface		
USB	4 USB ports(3 USB2.0, 1 USB3.0)	
eSATA	1 eSATA port	
RS232	1 port, For PC communication& keyboard	
RS485	1 port, For PTZ control	
General		
Power Supply	AC110V~240V, 50~60Hz	AC100V~240V, 50~60Hz, Redundant
Power Consumption	<40W (Without HDD)	
Working Environment	-10°C~+55°C/10%~90%RH/86~106kpa	
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:

*Takes NVR608R-128-4K as an example

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