

DH-NVR616/616D/616R/616DR-64-4K

64 Channel Super 4K Network Video Recorder



Features

- Max 64 channel IP cameras connection
- Max 384Mbps incoming bandwidth
- Up to 12Mp resolution preview& playback
- 1 VGA+2 HDMI
- Support 16 hot-swap HDDs
- Support RAID 0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI & Mini SAS 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-NVR616R-64 &DH-NVR616DR-64)
- Front LCD display (DH-NVR616D-64 & DH-NVR616DR-64)

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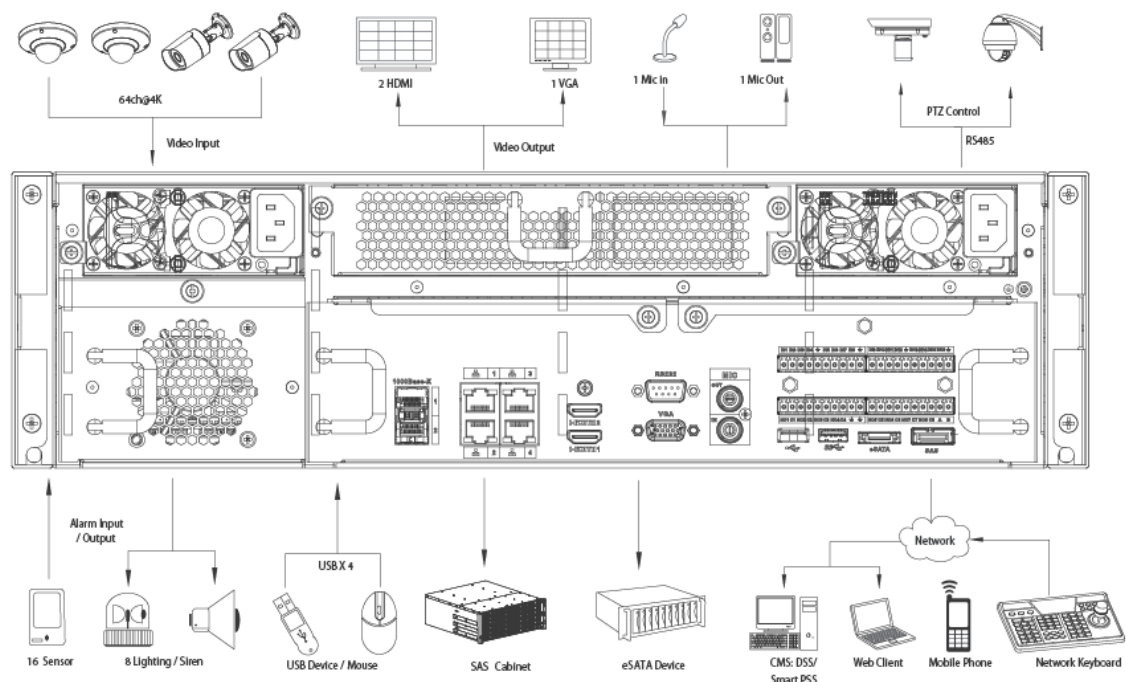
Technical Specifications

Model	DH-NVR616-64-4K	DH-NVR616D-64-4K	DH-NVR616R-64-4K	DH-NVR616DR-64-4K
System				
Main Processor	Intel Processors			
Operating System	LINUX			
Video & Audio				
IP Camera Input	64 channel			
Two-way Talk	1channel Input, 1channel Output, RCA			
Display				
Interface	2 HDMI (up to 3840x2160), 1 VGA			
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768			
Multi-screen Display	The 1 st screen: 1/4/8/9/16/25/36 The 2 nd screen: 1/4/8/9/16			
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording			
Recording				
Compression	H.264/MJPEG			
Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.			
Record Rate	256Mbps			
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)			
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	4 RJ-45 ports (10/100/1000Mbps)			
Ethernet Port	4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports			
Optical Fiber Interface	2 Giga Optical fiber interface			
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.)			

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Max. User Access	128 users	
Smart Phone	iPhone, iPad, Android	
Storage		
Internal HDD	16 SATA III ports, up to 96TB	
HDD Mode	Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare)	
Auxiliary Interface		
Front cover	Support hot swap, 7" inch HD LCD (1920x1080/1280x1024/1024x768) (Model -D&DR)	
USB	4 USB ports(3 USB2.0, 1 USB3.0)	
eSATA	1 eSATA port	
SAS	1 Mini SAS port	
RS232	1 port, For PC communication& keyboard	
RS485	1 port, For PTZ control	
General		
Power Supply	AC100V~240V, 50~60Hz	AC100V~240V, 50~60Hz , Redundant
Power Consumption	<51W (Without HDD)	
Working Environment	-10°C~+55°C/10%~90%RH/86~106kpa	
Dimension(W×D×H)	531.9mm ×485mm(with ears)×133.2mm	
Weight	17.45kg (without HDD)	
Installation	Rack-mounted	

Dimensions(mm)



*Takes NVR616R-64-4K as an example

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*Design and specifications are subject to change without notice.

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