

DH-NVR5816/5832/5864(-16P)-4KS2

16/32/64CH 2U 4K H.265 Network Video Recorder



Features

- > Up to 16/32/64 channel IPC input
- > H.265/H.264/MJPEG/MPEG4 codec decoding
- > Max 320Mbps incoming bandwidth
- > Up to 12Mp resolution preview&playback
- > Max 16ch@1080P H.265/H.264 decoding
- > 2HDMI/VGA simultaneous video output
- > 4/8/16 channel synchronous realtime playback, GRID interface
- > 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
- > 3D intelligent positioning with Dahua PTZ camera
- > Support 8 SATA HDDs up to 48TB, 4 USB(2 USB3.0, 2USB2.0)
- > Support RAID 0/1/5/6/10
- > Support IPC UPnP, 16PoE ports for PoE model
- > Multiple network monitoring: Web, CMS(DSS/Smart PSS) & Mobile phone (DMSS)

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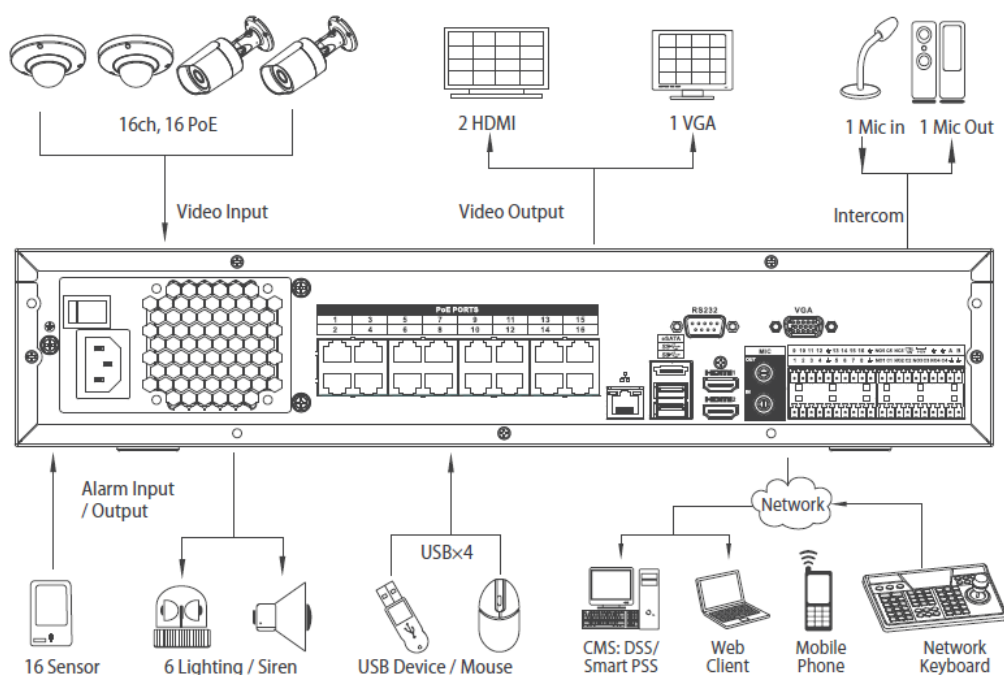
Technical Specifications

Model	DH-NVR5816-4KS2 DH-NVR5816-16P-4KS2		DH-NVR5832-4KS2 DH-NVR5832-16P-4KS2		DH-NVR5864-4KS2 DH-NVR5864-16P-4KS2	
System						
Main Processor	Quad-core embedded processor					
Operating System	Embedded LINUX					
Video& Audio						
IP Camera Input	16 channel		32 channel		64 channel	
Two-way Talk	1 channel Input, 1 channel Output, RCA					
Display						
Interface	2 HDMI (1 HDMI up to 3840x2160), 1 VGA					
Resolution	3840x2160, 1920×1080, 1280×1024, 1280×720, 1024×768					
Display Split	1/4/8/9/16		1/4/8/9/16/25/36		1/4/8/9/16/25/36	
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording					
Recording						
Compression	H.265/H.264/MJPEG/MPEG4					
Resolution	12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.					
Record Bit Rate	320Mbps					
Bit Rate	16kbps~ 20Mbps per channel					
Record Mode	Manual, Schedule(Regular(Continuous), MD, 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, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips					
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank					
Alarm Input	16 channel					
Relay Output	6 channel					
Playback & Backup						
Sync Playback	1/4/9		1/4/9/16		1/4/9/16	
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						
Ethernet	2 RJ-45 port (10/100/1000Mbps)					
	1 RJ-45 port (10/100/1000Mbps)(for -16P model)					

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PoE	16 ports (IEEE802.3af/at) (for -16P model)
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.), P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	8 SATA ports, up to 48TB
HDD Mode	Raid 0/1/5/6/10
External HDD	1 eSATA port
Auxiliary Interface	
USB	4 ports (2 Rear USB3.0, 2 Front USB2.0)
RS232	1 port, For PC communication&Keyboard
General	
Power Supply	Single, AC 100~240V, 50/60 Hz
Power Consumption	NVR: 16.7W for non-PoE model(without HDD)
	17.5W for PoE model(without HDD)
	PoE: Max 25.5W for single port(for -16P model), 150W in total
Working Environment	-10°C ~ +55°C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	2U, 440mm×454mm×95mm
Weight	6.55KG for non-PoE model(without HDD) 7KG for PoE model(without HDD)

System Connection



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*Take NVR5816-16P-4KS2 as an example

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*Design and specifications are subject to change without notice.

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