DH-NVR5416/5432/5464(-16P)-4KS2

16/32/64CH 1.5U 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 4 SATA HDDs up to 24TB, 3 USB(2 USB3.0, 1USB2.0)
> Support IPC UPnP, 16PoE ports for PoE model
> Multiple network monitoring: Web, CMS(DSS/Smart PSS) & Mobile phone (DMSS)
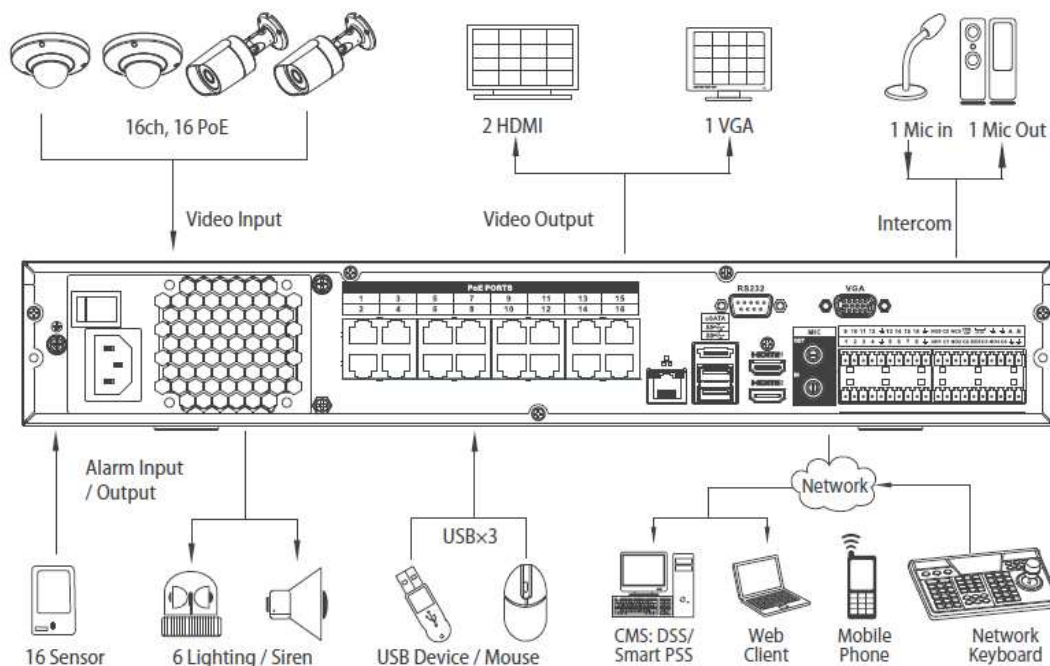
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Technical Specifications

Model	DH-NVR5416-4KS2 DH-NVR5416-16P-4KS2	DH-NVR5432-4KS2 DH-NVR5432-16P-4KS2	DH-NVR5464-4KS2 DH-NVR5464-16P-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	1channel Input, 1channel 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	1/4/8	1/4/8/16	1/4/8/16
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	4 SATA ports, up to 24TB
External HDD	1 eSATA port
Auxiliary Interface	
USB	3 ports (2 Rear USB3.0,1 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)	1.5U, 440mm×413mm×75mm
Weight	4.3KG for non-PoE model(without HDD) 4.65KG for PoE model(without HDD)

System Connection

*Take NVR5416-16P-4KS2 as an example

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