

DH-NVR5216/5232-16P-4KS2

16/32CH 1U 16PoE 4K&H.265 Network Video Recorder



Features

Up to 16/32 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

HDMI/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 2 SATA HDDs up to 12TB, 2 USB(1 USB3.0)

Support IPC UPnP, 16PoE ports

Multiple network monitoring: Web, CMS(DSS/Smart PSS) & Mobile phone (DMSS)

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Technical Specifications

Model	DH-NVR5216-16P-4KS2	DH-NVR5232-16P-4KS2
System		
Main Processor	Quad-core embedded processor	
Operating System	Embedded LINUX	
Video& Audio		
IP Camera Input	16 channel	32 channel
Two-way Talk	1 channel Input, 1 channel Output, RCA	
Display		
Interface	1 HDMI (up to 3840x2160), 1 VGA	
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768	
Display Split	1/4/8/9/16	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 Rate	320Mbps	
Bit Rate	16kbps~ 20Mbps for 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(22x18), Video Loss & Camera Blank	
Alarm Input	4 channel	

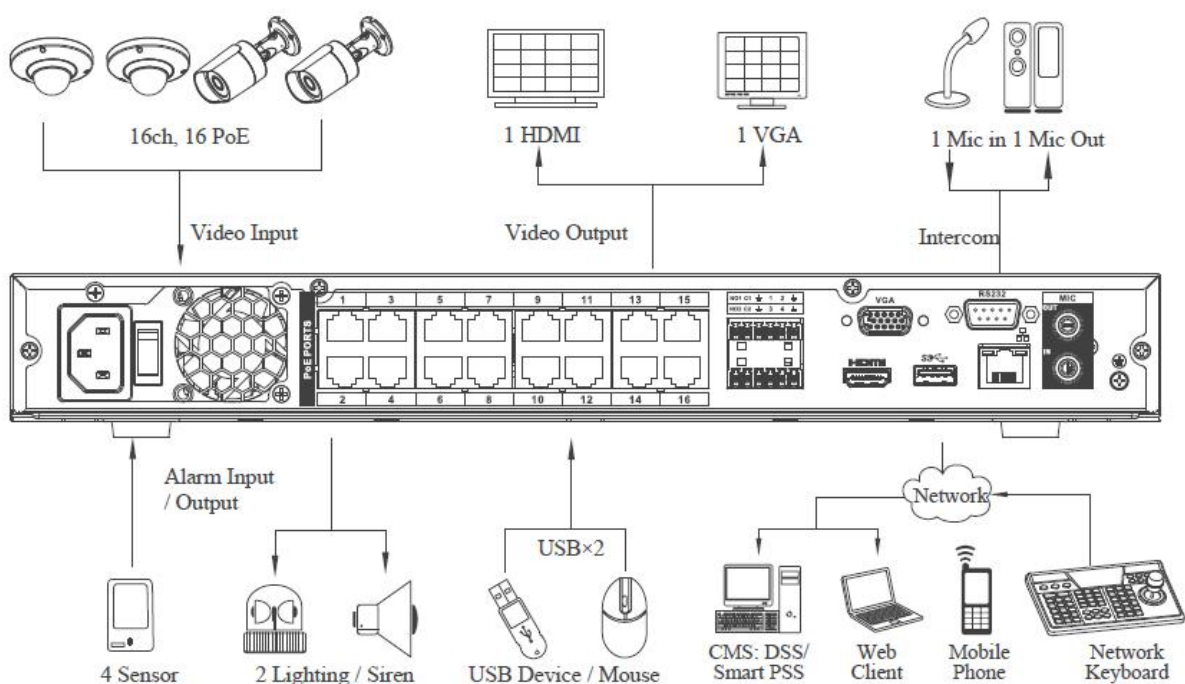
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Relay Output	2 channel	
Playback & Backup		
Sync Playback	1/4/9/16	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search	
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom	
Backup Mode	USB Device/Network/Internal SATA burner	
Network		
Ethernet	1 RJ-45 port (10/100/1000Mbps)	
PoE	16 ports (IEEE802.3af/at)	
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	2 SATA ports, up to 12TB	
Auxiliary Interface		
USB	2 ports (1 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: 14.5W without HDD	

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	PoE: Max 25.5W for single port, 130W in total
Working Environment	-10° C~+55° C / 10%~90%RH / 86~106kpa
Dimension (W×D×H)	1U, 375mm×327mm×53mm
Weight	2.7KG (without HDD)

System Connection



~~*Take NVR5216-16P-4KS2 as an example~~

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*Design and specifications are subject to change without notice.

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