

DH-NVR5416/5432-16P

16/32 Channel 1.5U 16PoE Network Video Recorder



Features

- > Up to 16/32 channel with 1080P realtime live view
- > H.264/MJPEG dual codec decoding
- > Up to 5MP resolution
- > Max 160Mbps incoming bandwidth
- > HDMI/VGA simultaneous video output
- > 16 channel synchronous realtime playback, GRID interface
- > 16/32 channel synchronous realtime preview, GRID interface
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- > ONVIF Version 2.0 conformance
- > 3D intelligent positioning with Dahua PTZ camera
- > Support 4 SATA HDDs up to 16TB, 1 eSATA up to 16TB, 3 USB2.0
- > Support IPC UPnP, 16 PoE ports
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

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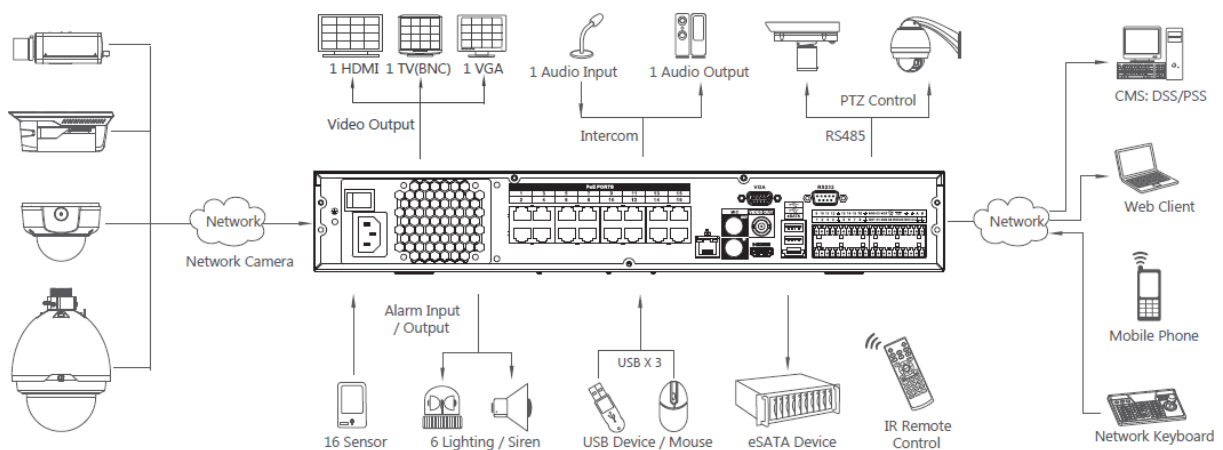
Technical Specifications

Model	DH-NVR5416-16P	DH-NVR5432-16P
System		
Main Processor	Dual-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, BNC	
Display		
Interface	1 HDMI, 1 VGA, 1TV	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
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.264 / MJPEG	
Resolution	5MP(2560×1920) / 3MP(2048×1536) / 1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) & etc.	
Record Rate	Max 128Mbps (eg. 16ch 5MP@8Mbps, 32ch 1080P@4Mbps & etc.)	
Bit Rate	48~ 8192kbps	
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, Buzzer & Screen tips	
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank	
Alarm Input	16 channel	16 channel
Relay Output	6 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 / eSATA Device / Internal SATA burner/ Network	
Network		
Ethernet	1 RJ-45 port (10/100/1000Mbps)	
PoE	16 ports (IEEE802.3af)	
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	20 users	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Storage		
Internal HDD	4 SATA ports (4HDDs or 3HDDs+1CD/DVD-RW), up to 16TB, Raid	

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	(redundancy)
External HDD	1 eSATA port (Max 4 SATA HDDs), up to 16TB
Auxiliary Interface	
USB	3 ports (2 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100V~240V, 50/60Hz
Power Consumption	NVR: 40W (without HDD) PoE: Max 15W (each)
Working Environment	-10°C ~ +55°C/10%~90%RH/86~106kpa
Dimension (W×D×H)	1.5U, 440mm×460mm×68mm
Weight	5KG (without HDD)

System Connection



* Take NVR5432-16P as an example

Dahua Technology Co., Ltd.

1187 BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

www.dahuasecurity.com

*Design and specifications are subject to change without notice.

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