

DH-NVR4416-16P-4K

16CH 1.5U 4K H.265 Network Video Recorder



Features

- > Up to 16/32 channel IP camera input
- > H.265/H.264/MJPEG dual codec decoding
- > Max 256Mbps incoming bandwidth
- > Up to 8ch@1080P(4ch@H.265+4ch@H.264) realtime live-view
- > Up to 12Mp resolution live-view&playback
- > 2HDMI/1 VGA simultaneous video output
- > 16 channel synchronous realtime playback, GRID interface
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, 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), 1 eSATA port up to 16TB
- > Support IPC UPnP, 16PoE ports (for -16P model)
- > Support P2P, QR code scan & add
- > Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS) & Smart Phone(DMSS)

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Technical Specifications

Model	DH-NVR4416-16P -4K
System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video& Audio	
IP Camera Input	16 channel
Two-way Talk	1channel Input, 1channel Output, RCA
Display	
Interface	2 HDMI , 1 VGA
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.265/H.264/MJPEG
Resolution	12Mp, 8Mp, 6Mp, 5Mp, 3Mp, 1080P, 1.3Mp, 720P & etc.
Record Rate	192Mbps
Bit Rate	1~ 20Mbps
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 out, 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	
Playback	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	1 RJ-45 port (10/100/1000Mbps)
PoE	16 ports (IEEE802.3at/af)
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	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	4 SATA III ports, up to 24TB

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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
RS485	1 port, For PTZ control
General	
Power Supply	Single, AC 100~240V, 50/60 Hz
Power Consumption	NVR: 26.5W (without HDD) PoE: Max 25.5W for single port , 150W in total
Working Environment	-10°C~+55°C/10%~90%RH/86~106kpa
Dimension (W×D×H)	1.5U, 440mm×405mm×76mm
Weight	4.65KG (without HDD)

System Connection

