NR8432-16P
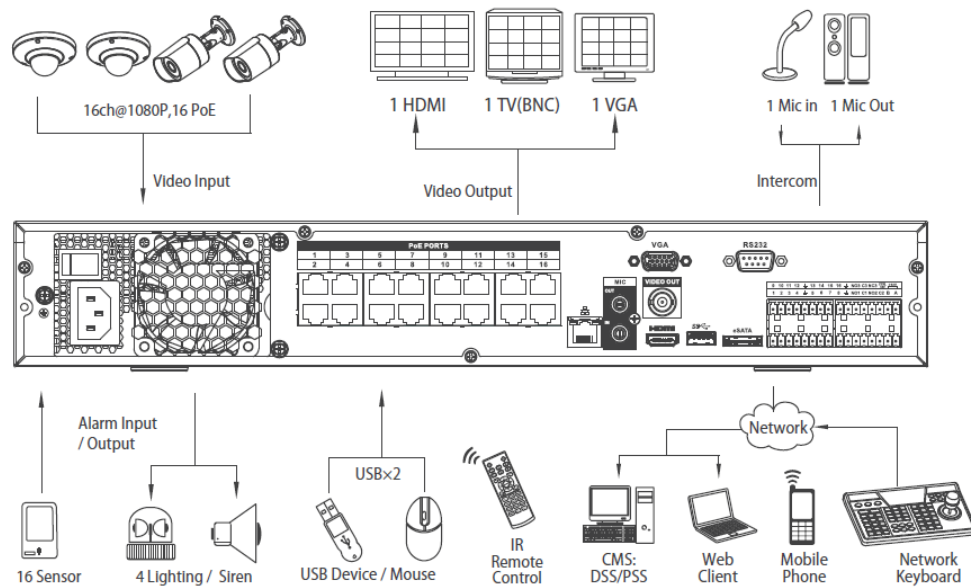
32 Channel 1.5U 16PoE Rack-Mount Network Video Recorder

Features

- Up to 32 channel with 1080P realtime live view
- H.264/MJPEG dual codec decoding
- Up to 5Mp resolution
- Max 200Mbps incoming bandwidth
- HDMI/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, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.3 conformance
- Support 8 SATA HDDs up to 32TB, 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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System Connection

PC CMS Software

- **Register up to 1000 channels connection and 64 live viewing at 1 screen, support max 121(11x11) view**
- **Support DVRs, video servers, IP cameras, decoders and other network products connection.**
- **PTZ, bidirectional talk, camera settings, color adjustment**
- **Support device management, configuration, reboot and other operations**
- **Support decoder connection to realize virtual matrix system and video wall display**
- **Support different alarm types: external, motion detection, video loss, camera masking and etc.**
- **Support video monitoring project, layout configuration, recording plan and etc.**
- **Device status and other information provided in the "health report"**
- **Support video search from local PC, device itself and other storage center**
- **Used for the central monitoring system**

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Technical Specifications

Model	NR8432-16P
System	
Main Processor	High performance Dual-core embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network
Video	
IP Camera Input	32ch
IP Camera Supported List	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech
Audio	
Two-Way Talk	1 channel Input, 1 channel Output, RCA
Display	
Interface	1 HDMI, 1 VGA, 1TV(BNC)
Display Split	1 / 4 / 8 / 9 / 16
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Tour Display	Support
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	
Compression	H.264 / MPEG4
Resolution	5Mp(2560x1920)/3Mp(2048x1536)/1080P(1920x1080)/720P(1280x720)/D1(704x576)
Record Rate	Max 200Mbps
Bit Rate	48~ 8192kbps
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Recording Priority	Manual >Alarm >MD >Regular
Recording Interval	1~120 min (default: 60 min)
Video Detection & Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Motion Detection	Motion Detection, MD Zones: 396(22× 18), Video Loss & Camera Blank

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Alarm Input	16 channel
Relay Output	4 channel
Playback & Backup	
Sync 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	Flash drive / USB HDD / USB CD&DVD-RW / Network download
Network	
Ethernet	RJ-45 port (10/100M/1000M)
PoE	16 ports (IEEE802.3at)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS)
Max Users Access	128 Users simultaneously
Smart Phone	iPhone, iPad, Android, Windows Phone
Hard Disk	
Internal HDD	8 x SATA ports, Up to 32TB, Raid (redundancy)
External HDD	1 eSATA port, (Max 4 SATA HDDs), up to 16TB
Auxiliary Interface	
USB Interface	3 ports (1 Rear USB3.0, 2 Front USB2.0)
RS232	1 port, For PC communication & Keyboard
RS485	PTZ control
Environmental	
Power Supply	AC 100V~240V, 50/60Hz
Power Consumption	40W (without HDD)
	PoE: Max 25.5W for single port
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension	2U, 440mm×460mm×89mm(W×D×H)
Weight	6.5 KG(without HDD)

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