

NR2408-8P / NR2416-8P

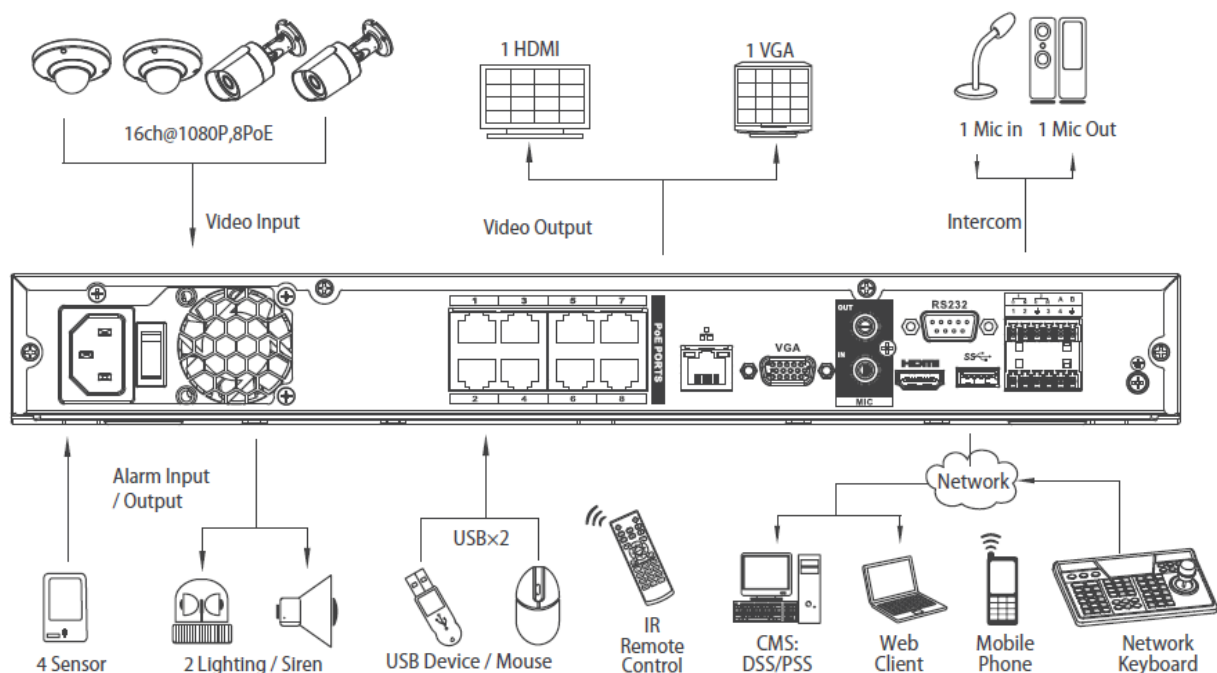
16 Channel 1U 8 PoE Network Video Recorder



Features

- Up to 8/16/32 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
- 8 / 16 channel synchronous realtime playback, GRID interface
- Support Multi-brand network cameras such as: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech and etc.
- ONVIF Version 2.3 conformance
- Support 2 SATA HDDs up to 8TB, 2 USB2.0
- PC: Web viewer, CMS, Smart Phone: iPhone, iPad, Android, Windows Phone

System Connection



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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

Technical Specifications

Model	NR2408-8P	NR2416-8P
System		
Main Processor	High performance Dual-core embedded microprocessor	
Operating System	Embedded LINUX	
Video		
IP Camera Input	8ch	16ch
IP Camera Supported List	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech and etc.	
Audio		
Two-Way Talk	1 channel Input, 1 channel Output, RCA	
Display		
Output	1 HDMI, 1 VGA	
Display Split	1/4/8	1/4/8/9/16

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Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	
OSD	Camera title, time, video loss, camera lock, motion detection, recording	
Recording		
Compression	H.264 / MPEG4	
Recording Resolution	5MP(2560x1920) / 3MP(2048x1536) / 1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)	
Recording Rate	200Mbps	
Bit Rate	48~ 8192kbps	
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop	
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	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)	
Video Loss & Camera Blank	Support	
Alarm Input	4 channel	
Relay Output	2 channel	
Playback & Backup		
Sync Playback	1/4/9	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	8 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 etc)	
Max Remote Users	128 Users simultaneously	
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information	
Smart Phone	iPhone, iPad, Android, Windows Phone	
Hard Disk		
Hard Disk	2 SATA ports, Up to 8TB	
Space Occupation	Max 3.6GB/H per channel	
HDD Management	HDD Group, HDD hibernation technology, HDD faulty alarm & Raid(Redundancy)	
Auxiliary Interface		
USB Interface	2 ports (1 Rear USB3.0,1 Front USB2.0)	
RS232	keyboard, PC communication	
RS485	PTZ control	

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Environmental	
Power Supply	DC12V/3.3A
Power Consumption	NVR: 20W(without HDD)
	PoE: Max 25.5W for single port
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension	1U, 375mm×285mm×50mm(W×D×H)
Weight	2.5KG(without HDD)