Product Specifications

NVR4208/4216/4232(-8P)-4K

8/16/32CH 1U 4K Network Video Recorder

Features

Up to 8/16/32 channel 4K IP camera input

H.265/H.264/MJPEG dual codec decoding

Max 256Mbps incoming bandwidth

Up to 12Mp resolution preview&playback

HDMI/VGA simultaneous video output

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, 8PoE ports (for -8P model)

Multiple network monitoring: Web viewer, CMS(DSS/Smart PSS) & Smart Phone(DMSS)

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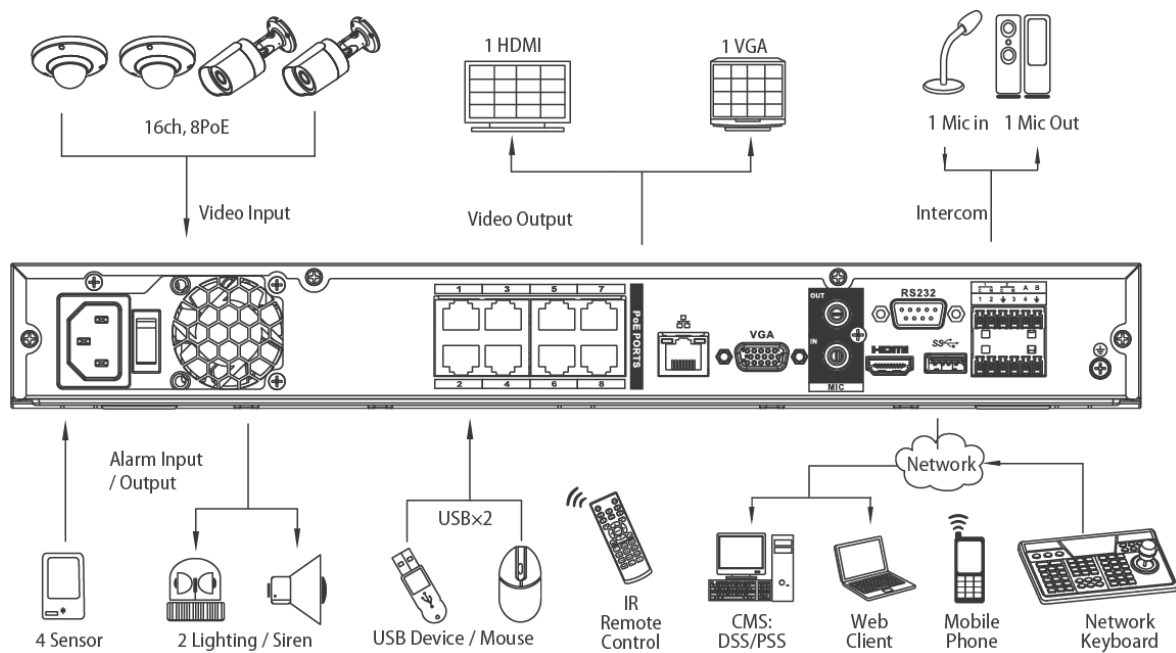
Technical Specifications

Model	NVR4208-4K	NVR4216-4K	NVR4232-4K
	NVR4208-8P-4K	NVR4216-8P-4K	NVR4232-8P-4K
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video& Audio			
IP Camera Input	8 channel	16 channel	32 channel
Two-way Talk	1channel Input, 1channel Output, RCA		
Display			
Interface	1 HDMI , 1 VGA		
Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768		
Display Split	1/4/8/9	1/4/8/9/16	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	256Mbps		
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	8 channel		
Relay Output	3 channel		
Playback & Backup			
Sync Playback	1/4/9	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	8 ports (IEEE802.3at/af) (for -8P model)		
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	2 SATA III ports, up to 12TB
Auxiliary Interface	
USB	2 ports (1 Rear USB3.0, 1 Front USB2.0)
RS232	1 port, For PC communication& Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	Single, DC12V/4A(for normal model)
	Single, AC 100~240V, 50/60 Hz(for -8P model)
Power Consumption	NVR: 8.7W for normal model(without HDD), 15.2W for PoE model(without HDD)
	PoE: Max 25.5W for single port(for -8P model)
Working Environment	-10°C~+55°C/10%~90%RH/86~106kpa
Dimension (W×D×H)	1U, 375mm×275mm×56mm
Weight	1.65KG for normal model(without HDD), 2.65KG for PoE model(without HDD)

System Connection

16ch, 8PoE — Video Input

1 HDMI 1 VGA — Video Output

1 Mic in 1 Mic Out — Intercom

Alarm Input / Output

4 Sensor

2 Lighting / Siren

USB×2 — USB Device / Mouse

IR Remote Control

CMS: DSS/PSS

Web Client

Mobile Phone

Network Keyboard

Network

*Take NVR4216-8P-4K as an example

*Design and specifications are subject to change without notice.