

## DH-NVR3204(-P)/3208(-P)/3216(-P)

### 4/8/16 Channel 1U Network Video Recorder



**DH-NVR3204:** 4ch@D1/720P/1080P IP camera inputs, 4 channel audio inputs; It can support HDMI, VGA, USB2.0 and 2 HDDs.

**DH-NVR3208:** 8ch@D1/720P/1080P IP camera inputs, 8 channel audio inputs; It can support HDMI, VGA, USB2.0 and 2 HDDs.

**DH-NVR3216:** 16ch@D1/720P/1080P IP camera inputs, 16 channel audio inputs; It can support HDMI, VGA, USB2.0 and 2 HDDs.

**DH-NVR3204-P:** 4ch@D1/720P/1080P IP camera inputs, 4 channel audio inputs; It can support HDMI, VGA, USB2.0 and 2 HDDs, 4 PoE.

**DH-NVR3208-P:** 8ch@D1/720P/1080P IP camera inputs, 8 channel audio inputs; It can support HDMI, VGA, USB2.0 and 2 HDDs, 4 PoE.

**DH-NVR3216-P:** 16ch@D1/720P/1080P IP camera inputs, 16 channel audio inputs; It can support HDMI, VGA, USB2.0 and 2 HDDs, 4 PoE.

## Features

- > 4/8/16 channel 1U standalone Network Video Recorder
- > Dual-core CPU presents the powerful preview, recording, playback and network performance
- > H.264/MPEG-4 dual codec decoding
- > Max 120fps@1080p, 240fps@720p, 480fps@D1 preview & recording
- > All channel simultaneous realtime playback, GRID interface & smart search
- > Support Multi-brand network cameras such as: Dahua, Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY and ONVIF
- > Support remote network camera encoding setting & image adjust
- > IP Search feature to automatically discover network cameras
- > Support 2 SATA HDDs up to 8TB, 2 USB2.0
- > Support IPC UPnP, PoE (Model -P only)
- > Built-in web server, CMS(DSS/PSS) & DMSS

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## Specifications

Model	DH-NVR3204	DH-NVR3204-P	DH-NVR3208	DH-NVR3208-P	DH-NVR3216	DH-NVR3216-P
<b>System</b>						
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					
<b>Video</b>						
IP Camera Input	4ch@D1/720P/1080P		8ch@D1/720P/1080P		16ch@D1/720P/1080P	
IP Camera Supported List	Dahua, Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF					
Output	1 HDMI, 1 VGA, 1TV(BNC)					
<b>Audio</b>						
IP Audio Input	4 channel		8 channel		16 channel	
Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ) 1 channel Output, BNC (200-2800mV, 5KΩ)					
<b>Display</b>						
Display Split	1/4		1/4/8/9		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					
<b>Recording</b>						
Compression	H.264 / MPEG4					
Recording Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)					
Max Recording Speed	400/480fps@D1, 200/240fps@720P , 100/120fps@1080P					
Recording Bit Rate	8Mbps		16Mbps		32Mbps	
Recording Quality	CBR, VBR(1~6 level, level 6 is the best)					
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop					

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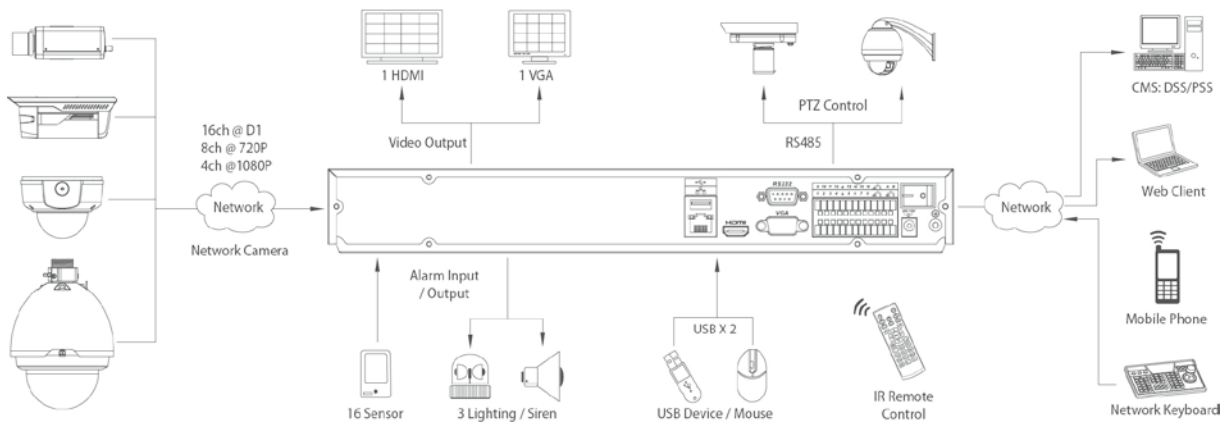
Recording Priority	Manual > Alarm > MD > Regular					
Recording Interval	1~120 min (default: 60 min)					
<b>Video Detection &amp; Alarm</b>						
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips					
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)					
Video Loss & Camera Blank	Support					
Alarm Input	4 channel	8 channel			16 channel	
Relay Output	3 channel					
<b>Playback &amp; Backup</b>						
Playback Channel	1/2/4/All					
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					
<b>Network</b>						
Ethernet	RJ-45 port (10/100M/1000M)					
PoE	/	IEEE802.3af	/	IEEE802.3af	/	IEEE802.3af
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	20 Users simultaneously					
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information					
<b>Hard Disk</b>						
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)					
<b>Auxiliary Interface</b>						
USB Interface	2 ports, 1 for mouse control, 1 for backup					
RS232	Dahua keyboard, PC communication					
RS485	PTZ control					
<b>Environmental</b>						
Power Supply	DC12V/3.3A					
Power	20W(without HDD)					

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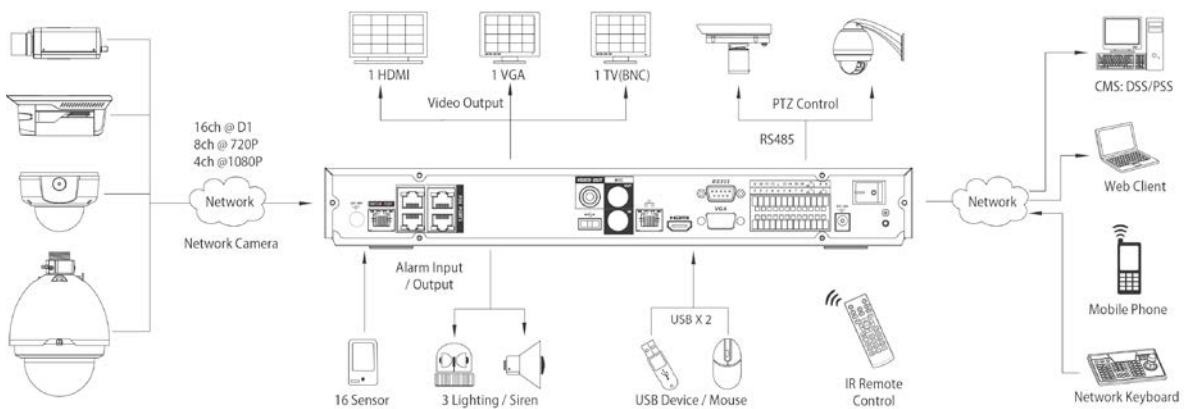
Consumption	
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension	1U, 375mm×285mm×50mm(W×D×H)
Weight	2.3KG(without HDD)

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## System Connection



\* Take NVR3216 as an example



\* Take NVR3216-P as an example

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\*Design and specifications are subject to change without notice.

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