

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

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### 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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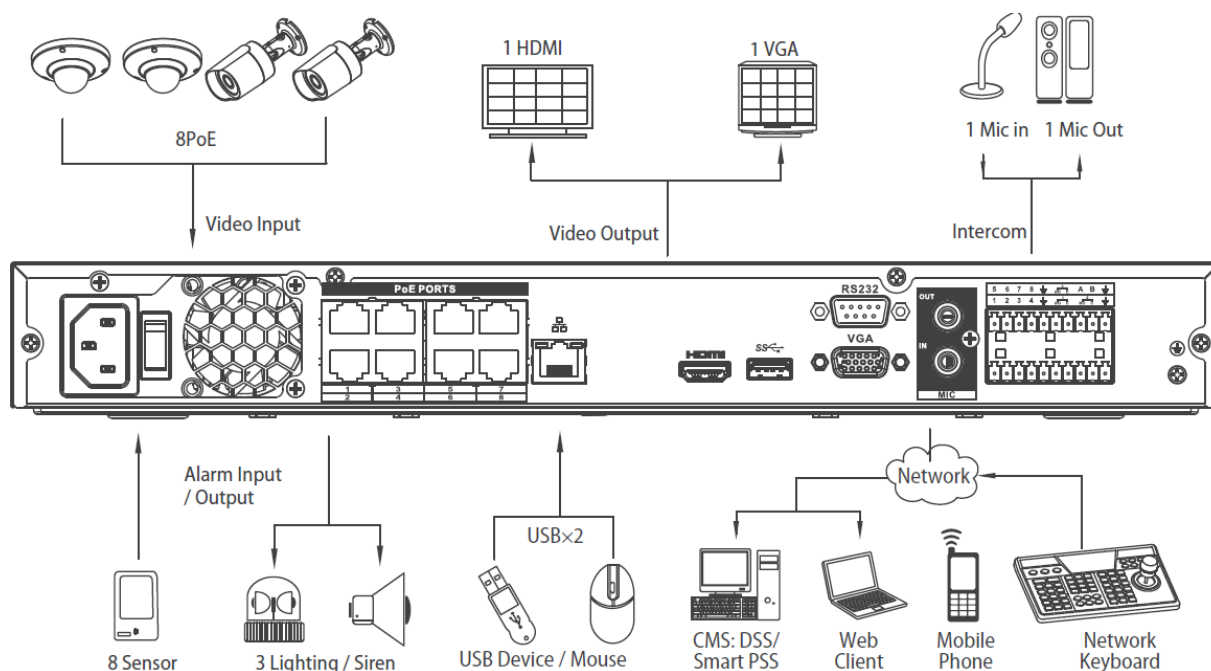
## Technical Specifications

| Model                   | DH-NVR4208-4K                                                                                                                                                         | DH-NVR4216-4K    | DH-NVR4232-4K    |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|
|                         | DH-NVR4208-8P-4K                                                                                                                                                      | DH-NVR4216-8P-4K | DH-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                 |                                                                                                                                                                       |                  |                  |

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

|                            |                                                                           |
|----------------------------|---------------------------------------------------------------------------|
| Internal HDD               | 2 SATA III ports, up to 12TB                                              |
| <b>Auxiliary Interface</b> |                                                                           |
| USB                        | 2 ports (1 Rear USB3.0, 1 Front USB2.0)                                   |
| RS232                      | 1 port, For PC communication& Keyboard                                    |
| RS485                      | 1 port, For PTZ control                                                   |
| <b>General</b>             |                                                                           |
| 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



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

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

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