

## DH-NVR4104/4108/4116-P

### 4/8/16CH Smart 1U 4PoE Network Video Recorder



### Features

- > Up to 4/8/16 channel IP camera input
- > Max 80Mbps incoming bandwidth
- > H.264/MJPEG dual codec decoding
- > HDMI/VGA simultaneous video output
- > All channel synchronous realtime playback, GRID interface
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- > ONVIF Version 2.4 conformance
- > 3D intelligent positioning with Dahua PTZ camera
- > Support 1 SATA HDD up to 4TB, 2 USB2.0
- > Support IPC UPnP, 4PoE ports
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

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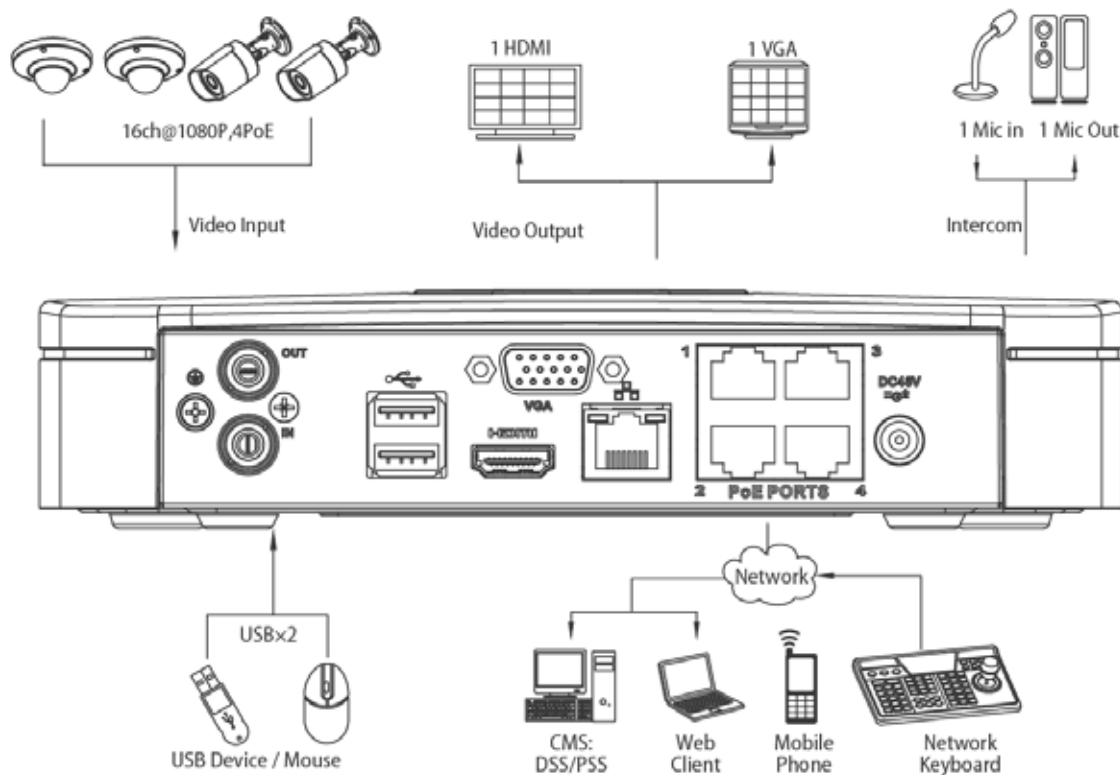
## Technical Specifications

| Model                        | DH-NVR4104-P  | DH-NVR4108-P | DH-NVR4116-P |
|------------------------------|---|--------------|--------------|
| <b>System</b>                |   |              |              |
| Main Processor               | Dual-core embedded processor  |              |              |
| Operating System             | Embedded LINUX  |              |              |
| <b>Video&amp; Audio</b>      |   |              |              |
| IP Camera Input              | 4 channel   | 8 channel    | 16 channel   |
| Two-way Talk                 | 1channel Input, 1channel Output, RCA  |              |              |
| <b>Display</b>               |   |              |              |
| Interface                    | 1 HDMI, 1 VGA   |              |              |
| Resolution                   | 1920×1080, 1280×1024, 1280×720, 1024×768  |              |              |
| Display Split                | 1/4   | 1/4/8/9      | 1/4/8/9/16   |
| OSD                          | Camera title, Time, Video loss, Camera lock, Motion detection, Recording  |              |              |
| <b>Recording</b>             |   |              |              |
| Compression                  | H.264/MJPEG   |              |              |
| Resolution                   | 5Mp(2560×1920)/3Mp(2048×1536)/1080P(1920×1080)/720P(1280×720)/D1 (704×576/704×480)  |              |              |
| Record Rate                  | 80Mbps  |              |              |
| Bit Rate                     | 48~ 8192kbps  |              |              |
| 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  |              |              |
| <b>Video Detection</b>       |   |              |              |
| Trigger Events               | Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips   |              |              |
| Video Detection              | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank   |              |              |
| <b>Playback &amp; Backup</b> |   |              |              |
| Sync Playback                | 1/4   | 1/4/8        | 1/4/8/16     |
| 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   |              |              |
| <b>Network</b>               |   |              |              |
| Ethernet                     | 1 RJ-45 port (10/100Mbps)   |              |              |
| PoE                          | 4 ports (IEEE802.3at/af)  |              |              |
| 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  |              |              |
| <b>Storage</b>               |   |              |              |
| Internal HDD                 | 1 SATA port, up to 4TB  |              |              |
| <b>Auxiliary Interface</b>   |   |              |              |

## DH-NVR4104/4108/4116-P

|                     |                                     |
|---------------------|-------------------------------------|
| USB                 | 2 ports (2 Rear),USB2.0             |
| General             |                                     |
| Power Supply        | Single, DC48V/1.5A                  |
| Power Consumption   | NVR: 10 W(without HDD)              |
|                     | PoE: Max 25.5W for single port      |
| Working Environment | -10°C~+55°C / 10%~90%RH / 86~106kpa |
| Dimension (WxDxH)   | Smart 1U,205 mm×205 mm×45 mm        |
| Weight              | 0.5KG(without HDD)                  |

### System Connection



\*Takes NVR4116 -P as an example

[www.simattelecom.com](http://www.simattelecom.com)

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

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