

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



### Features

- > Up to 4/8/16 channel with 1080P realtime live view
- > 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, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- > ONVIF Version 2.3 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

## Technical Specifications

| Model               | DH-NVR4104-P                                                                                                                                                          |  | DH-NVR4108-P |  | DH-NVR4116-P |  |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|--|--------------|--|
| System              |                                                                                                                                                                       |  |              |  |              |  |
| Main Processor      | Dual-core embedded processor                                                                                                                                          |  |              |  |              |  |
| Operating System    | Embedded LINUX                                                                                                                                                        |  |              |  |              |  |
| Video               |                                                                                                                                                                       |  |              |  |              |  |
| IP Camera Input     | 4 channel                                                                                                                                                             |  | 8 channel    |  | 16 channel   |  |
| Two-way Talk        | 1channel Input, 1channel Output, RCA                                                                                                                                  |  |              |  |              |  |
| Display             |                                                                                                                                                                       |  |              |  |              |  |
| 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                                                                                              |  |              |  |              |  |
| Recording           |                                                                                                                                                                       |  |              |  |              |  |
| 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                                                                                            |  |              |  |              |  |
| Video Detection     |                                                                                                                                                                       |  |              |  |              |  |
| Trigger Events      | Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Buzzer & Screen tips                                                                                             |  |              |  |              |  |
| Video Detection     | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank                                                                                                     |  |              |  |              |  |
| Playback & Backup   |                                                                                                                                                                       |  |              |  |              |  |
| Sync Playback       | 1/4                                                                                                                                                                   |  | 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         | USB Device/Network/Internal SATA burner                                                                                                                               |  |              |  |              |  |
| Network             |                                                                                                                                                                       |  |              |  |              |  |
| Ethernet            | 1 RJ-45 port (10/100Mbps)                                                                                                                                             |  |              |  |              |  |
| PoE                 | 4 ports (IEEE802.3at)                                                                                                                                                 |  |              |  |              |  |
| 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        | 1 SATA port, up to 4TB                                                                                                                                                |  |              |  |              |  |
| Auxiliary Interface |                                                                                                                                                                       |  |              |  |              |  |
| USB                 | 2 ports (2 Rear),USB2.0                                                                                                                                               |  |              |  |              |  |