

DH-NVR5816/5832/5864(-16P)-4KS2

16/32/64CH 2U 4K H.265 Network Video Recorder



Features

- > Up to 16/32/64 channel IPC input
- > H.265/H.264/MJPEG/MPEG4 codec decoding
- > Max 320Mbps incoming bandwidth
- > Up to 12Mp resolution preview&playback
- > Max 16ch@1080P H.265/H.264 decoding
- > 2HDMI/VGA simultaneous video output
- > 4/8/16 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 8 SATA HDDs up to 48TB, 4 USB(2 USB3.0, 2USB2.0)
- > Support RAID 0/1/5/6/10
- > Support IPC UPnP, 16PoE ports for PoE model
- > Multiple network monitoring: Web, CMS(DSS/Smart PSS) & Mobile phone (DMSS)

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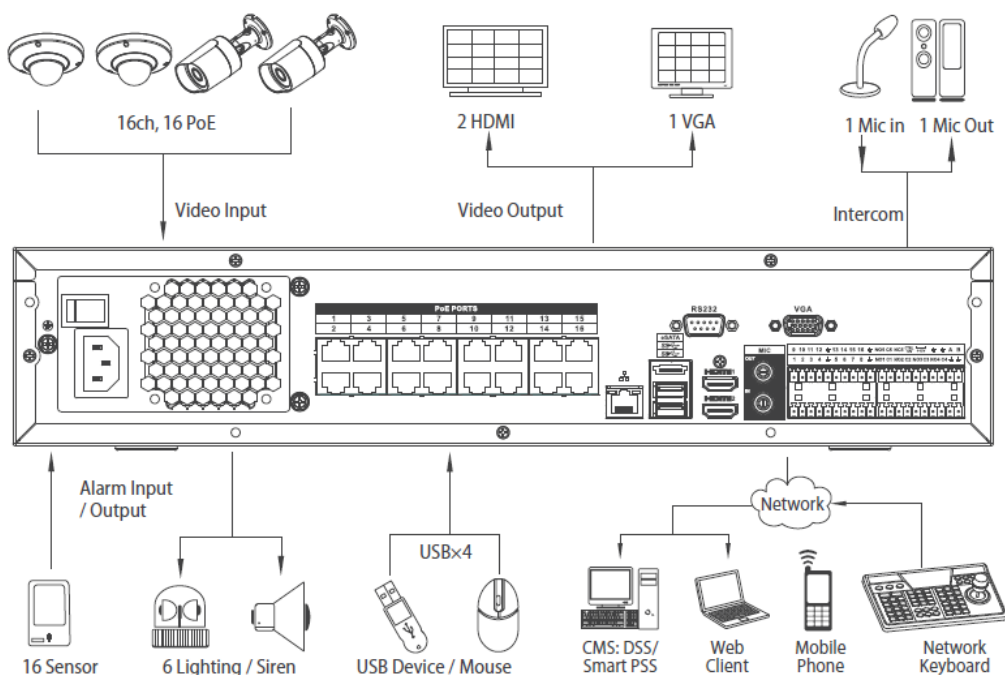
Technical Specifications

| Model | DH-NVR5816-4KS2 DH-NVR5816-16P-4KS2 | DH-NVR5832-4KS2 DH-NVR5832-16P-4KS2 | DH-NVR5864-4KS2 DH-NVR5864-16P-4KS2 |
|------------------------------------|---|--|--|
| System | | | |
| Main Processor | Quad-core embedded processor | | |
| Operating System | Embedded LINUX | | |
| Video& Audio | | | |
| IP Camera Input | 16 channel | 32 channel | 64 channel |
| Two-way Talk | 1 channel Input, 1 channel Output, RCA | | |
| Display | | | |
| Interface | 2 HDMI (1 HDMI up to 3840x2160), 1 VGA | | |
| Resolution | 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768 | | |
| Display Split | 1/4/8/9/16 | 1/4/8/9/16/25/36 | 1/4/8/9/16/25/36 |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording | | |
| Recording | | | |
| Compression | H.265/H.264/MJPEG/MPEG4 | | |
| Resolution | 12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc. | | |
| Record Bit Rate | 320Mbps | | |
| Bit Rate | 16kbps~ 20Mbps per channel | | |
| 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, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips | | |
| Video Detection | Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank | | |
| Alarm Input | 16 channel | | |
| Relay Output | 6 channel | | |
| Playback & Backup | | | |
| Sync Playback | 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/eSATA Device | | |
| Network | | | |
| Ethernet | 2 RJ-45 port (10/100/1000Mbps) | | |
| | 1 RJ-45 port (10/100/1000Mbps)(for -16P model) | | |

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| | |
|----------------------------|---|
| PoE | 16 ports (IEEE802.3af/at) (for -16P 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.), P2P |
| Max. User Access | 128 users |
| Smart Phone | iPhone, iPad, Android |
| Storage | |
| Internal HDD | 8 SATA ports, up to 48TB |
| HDD Mode | Raid 0/1/5/6/10 |
| External HDD | 1 eSATA port |
| Auxiliary Interface | |
| USB | 4 ports (2 Rear USB3.0, 2 Front USB2.0) |
| RS232 | 1 port, For PC communication&Keyboard |
| General | |
| Power Supply | Single, AC 100~240V, 50/60 Hz |
| Power Consumption | NVR: 16.7W for non-PoE model(without HDD) 17.5W for PoE model(without HDD) |
| | PoE: Max 25.5W for single port(for -16P model), 150W in total |
| Working Environment | -10°C~+55°C / 10%~90%RH / 86~106kpa |
| Dimension (W×D×H) | 2U, 440mm×454mm×95mm |
| Weight | 6.55KG for non-PoE model(without HDD) |
| | 7KG for PoE model(without HDD) |

System Connection



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*Take NVR5816-16P-4KS2 as an example

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*Design and specifications are subject to change without notice.

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