

Product Specifications

NVR7816/7832/7864-16P

16/32/64CH 2U 16PoE Network Video Recorder



Features

- Up to 16/32/64 channel IP cameras connection
- H.264/MJPEG dual codec decoding
- Max 256Mbps incoming bandwidth
- HDMI/VGA simultaneous video output
- 16/32 channel synchronous realtime preview, GRID interface
- Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotek and etc.
- ONVIF Version 2.2 conformance
- 3D intelligent positioning with Dahua PTZ camera
- Support 8 SATA HDDs up to 32TB, 4 USB2.0
- Support IPC UPnP, 16 PoE ports
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

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Technical Specifications

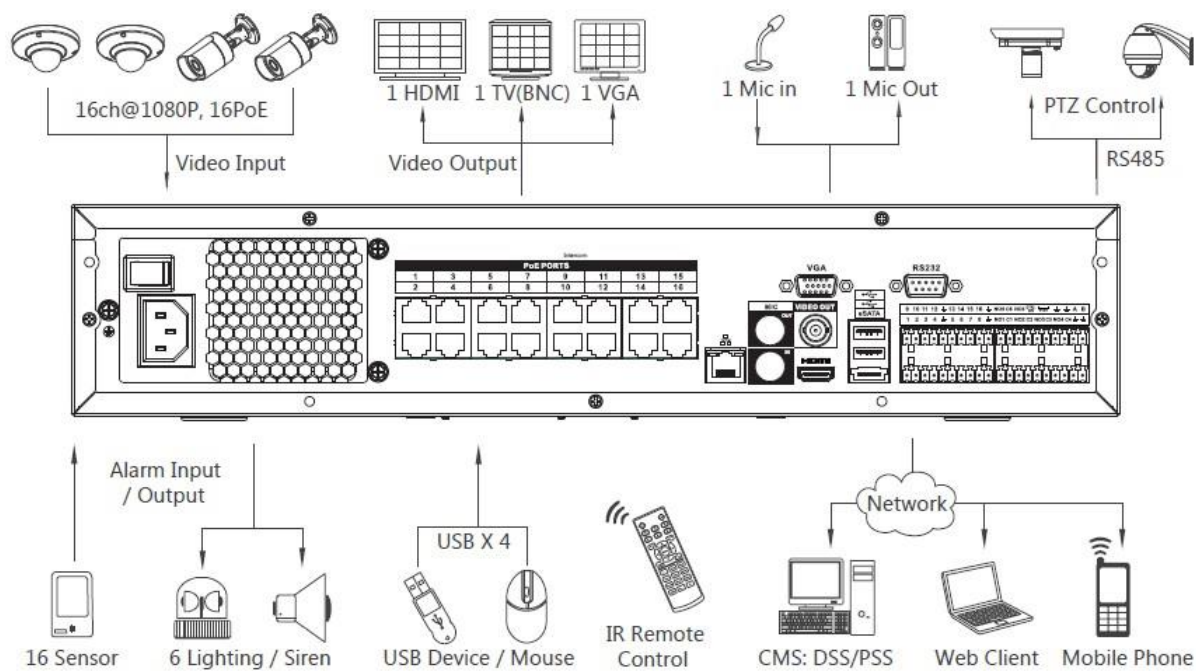
| Model | NVR7816-16P | NVR7832-16P | NVR7864-16P |
|------------------------------------|---|------------------|---------------------|
| System | | | |
| Main Processor | Dual-core embedded processor | | |
| Operating System | Embedded LINUX | | |
| Video & Audio | | | |
| IP Camera Input | 16 channel | 32 channel | 64 channel |
| Two-way Talk | 1 channel Input, 1 channel Output, BNC | | |
| Display | | | |
| Interface | 1 HDMI, 1 VGA, 1TV | | |
| Resolution | 1920×1080, 1280×1024, 1280×720, 1024×768 | | |
| Display Split | 1/4/8/9/16 | 1/4/8/9/16/25/36 | 1/4/8/9/16/25/36/64 |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording | | |
| Recording | | | |
| Compression | H.264/MJPEG | | |
| Resolution | 1080P(1920×1080) / 720P(1280×720) / D1(704×576/704×480) & etc. | | |
| Record Rate | 192Mbps | | |
| 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 & Alarm | | | |
| 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 | | |
| Alarm Input | 16 channel | 16 channel | 16 channel |
| Relay Output | 6 channel | 6 channel | 6 channel |
| Playback & Backup | | | |
| Sync Playback | 1/4/9/16 | 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/eSATA Device/Internal SATA burner/Network | | |
| Network | | | |
| Ethernet | 1 RJ-45 port (10/100/1000Mbps Adaptive) | | |
| PoE | 16 ports (IEEE802.3af) | | |
| 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 | 8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB, Raid (redundancy) | | |

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|----------------------------|---|
| External HDD | 1 eSATA port |
| Auxiliary Interface | |
| USB | 4 ports (2 Rear), USB2.0 |
| RS232 | 1 port, For PC communication & Keyboard |
| RS485 | 1 port, For PTZ control |
| General | |
| Power Supply | AC 100V~240V, 50/60 Hz |
| Power Consumption | NVR: 75W (without HDD) PoE: Max 15W (each) |
| Working Environment | -10°C~+55°C / 10%~90%RH / 86~106kpa |
| Dimension (W×D×H) | 2U, 440mm×460mm×89mm |
| Weight | 13.2LB (without HDD) |

System Connection



* Takes NVR7864-16P as an example