

Product Specifications

NVR616/616D/616R/616DR-128-4K

128 Channel Super 4K Network Video Recorder



Features

- Max 128 channel IP cameras connection
- Max 384Mbps incoming bandwidth
- Up to 12Mp resolution preview& playback
- 1 VGA+2 HDMI
- Support 16 hot-swap HDDs
- Support RAID 0/1/5/6/10/50/60
- Support N+M hot standby
- Support iSCSI & Mini SAS to expand storage space
- Compatible with Dahua SDK and seamless integrated to other platforms
- 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
- Redundant power supply module adopted (DH-NVR616R-128 &DH-NVR616DR-128)
- Front LCD display (DH-NVR616D-128 & DH-NVR616DR-128)

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NVR616/616D/616R/616DR-128-4K

Technical Specifications

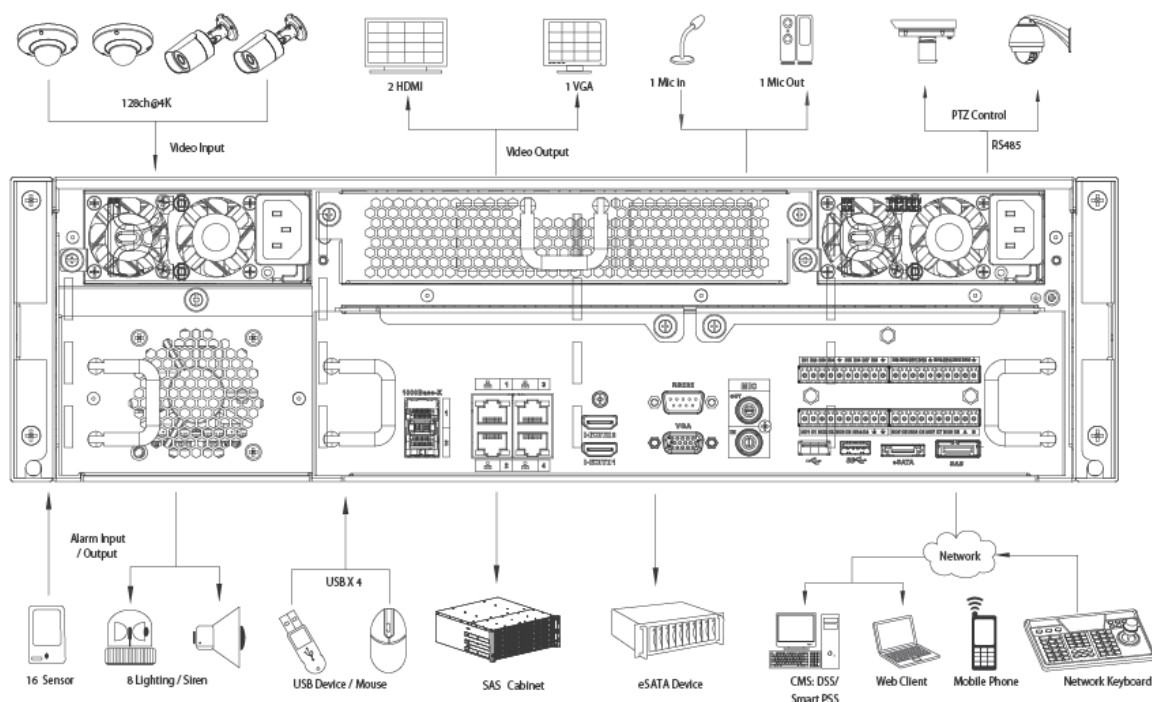
| Model | NVR616-128-4K | NVR616D-128-4K | NVR616R-128-4K | NVR616DR-128-4K |
|------------------------------------|---|----------------|----------------|-----------------|
| System | | | | |
| Main Processor | Intel Processors | | | |
| Operating System | LINUX | | | |
| Video & Audio | | | | |
| IP Camera Input | 128 channel | | | |
| Two-way Talk | 1channel Input, 1channel Output, RCA | | | |
| Display | | | | |
| Interface | 2 HDMI (up to 3840x2160), 1 VGA | | | |
| Resolution | 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768 | | | |
| Multi-screen Display | The 1 st screen: 1/4/8/9/16/25/36 The 2 nd screen: 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 | 384Mbps | | | |
| Bit Rate | 1~ 20Mbps | | | |
| Record Mode | Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), 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(22x18), Video Loss & Camera Blank | | | |
| Alarm Input | 16ch, low level effective, green terminal interface | | | |
| Relay Output | 8ch, Relay contact(1A@24VDC), NO/NC programmable, green terminal interface | | | |
| Playback & Backup | | | | |
| Playback | 128Mbps in Raid 5 mode 64Mbps in single HDD mode | | | |
| 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 | | | | |
| Interface | 4 RJ-45 ports (10/100/1000Mbps) | | | |
| Ethernet Port | 4 Ethernet ports joint working or 4 independent 1000Mbps Ethernet ports | | | |
| Optical Fiber Interface | 2 Giga Optical fiber interface | | | |
| 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.) | | | |

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|----------------------------|--|-------------------------------------|
| Max. User Access | 128 users | |
| Smart Phone | iPhone, iPad, Android, Windows Phone | |
| Storage | | |
| Internal HDD | 16 SATA III ports, up to 96TB | |
| HDD Mode | Single, Raid 0/1/5/6/10/50/60 (Support global HDD hot-spare) | |
| Auxiliary Interface | | |
| Front cover | Support hot swap, 7" inch HD LCD (1920x1080/1280x1024/1024x768) (Model – D&DR) | |
| USB | 4 USB ports(3 USB2.0, 1 USB3.0) | |
| eSATA | 1 eSATA port | |
| SAS | 1 Mini SAS port, for storage expansion | |
| RS232 | 1 port, for PC communication& keyboard | |
| RS485 | 1 port, For PTZ control | |
| General | | |
| Power Supply | AC100V~240V, 50~60Hz | AC100V~240V, 50~60Hz , Redundant |
| Power Consumption | <51W (Without HDD) | |
| Working Environment | -10°C~+55°C/10%~90%RH/86~106kpa | |
| Dimension(W×D×H) | 531.9mm ×485mm(with ears)×133.2mm | |
| Weight | 17.45kg (without HDD) | |
| Installation | Rack-mounted | |

Dimensions(mm)



*Takes NVR616R-128-4K as an example