

## DH-NVR7808/7816/7832/7864

### 8/16/32/64 Channel 2U Network Video Recorder



### Features

- > Up to 8/16/32/64 channel cameras connection
- > H.264/MJPEG dual codec decoding
- > Max 256Mbps incoming bandwidth
- > HDMI / VGA/TV simultaneous video output up to 1080P live view
- > 8/16/32 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, 1 eSATA up to 16TB, 4 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

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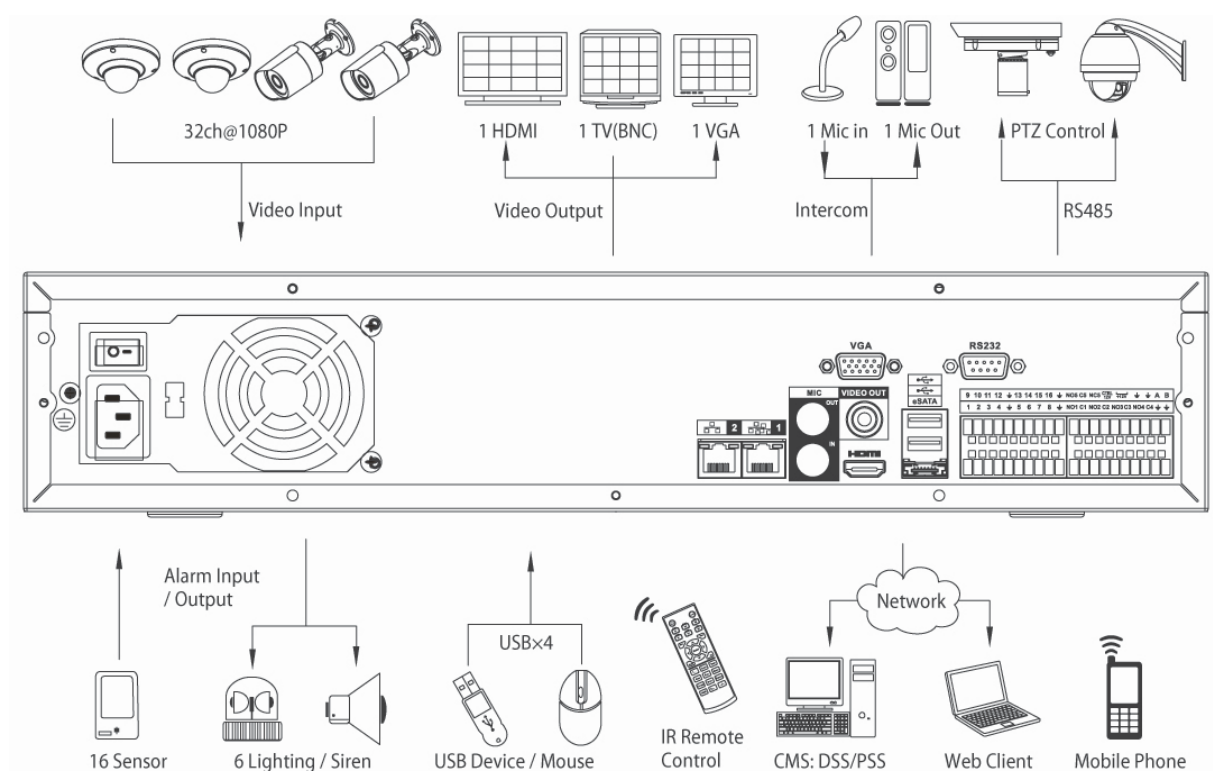
## Technical Specifications

| Model                   | DH-NVR7808                                                                                                                                                            | DH-NVR7816 | DH-NVR7832       | DH-NVR7864       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------|------------------|
| System                  |                                                                                                                                                                       |            |                  |                  |
| Main Processor          | Dual-core embedded processor                                                                                                                                          |            |                  |                  |
| Operating System        | Embedded LINUX                                                                                                                                                        |            |                  |                  |
| Video & Audio           |                                                                                                                                                                       |            |                  |                  |
| IP Camera Input         | 8 channel                                                                                                                                                             | 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 & etc.                                                                                                                       |            |                  |                  |
| Display Split           | 1/4/8/9                                                                                                                                                               | 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.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             | 8 channel                                                                                                                                                             | 16 channel | 16 channel       | 16 channel       |
| Relay Output            | 3 channel                                                                                                                                                             | 6 channel  | 6 channel        | 6 channel        |
| Playback & Backup       |                                                                                                                                                                       |            |                  |                  |
| Sync Playback           | 1/4/9                                                                                                                                                                 | 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                | 2 RJ-45 ports (10/100/1000Mbps)                                                                                                                                       |            |                  |                  |
| 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                            |
| <b>Auxiliary Interface</b> |                                         |
| USB                        | 4 ports (2 Rear), USB2.0                |
| RS232                      | 1 port, For PC communication & Keyboard |
| RS485                      | 1 port, For PTZ control                 |
| <b>General</b>             |                                         |
| Power Supply               | AC 100V~240V, 50/60 Hz                  |
| Power Consumption          | 75W (without HDD)                       |
| Working Environment        | -10°C~+55°C / 10%~90%RH / 86~106kpa     |
| Dimension (W×D×H)          | 2U, 440mm×460mm×89mm                    |
| Weight                     | 6KG (without HDD)                       |

### System Connection



\* Take NVR7832 as an example

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