

## DH-DVR7804/7808/7816S-U

8/16/32CH Effio 960H & IP 2U Hybrid DVR



### Features

- > Up to 8/16/32 channel with 1080p realtime live view
- > H.264/MJPEG decoding & H.264 dual-stream encoding
- > IP: Max 160Mbps incoming bandwidth
- > Analog: 16 channel@960H(960×576/960×480) realtime recording
- > HDMI / VGA / TV/ Spot simultaneous video output
- > All channel synchronous realtime playback, GRID interface & smart search
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videosec, Vivotech , and etc.
- > ONVIF Version 2.0 conformance
- > Auto IP address acquisition by IP Search function
- > 3D intelligent positioning with Dahua PTZ dome 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

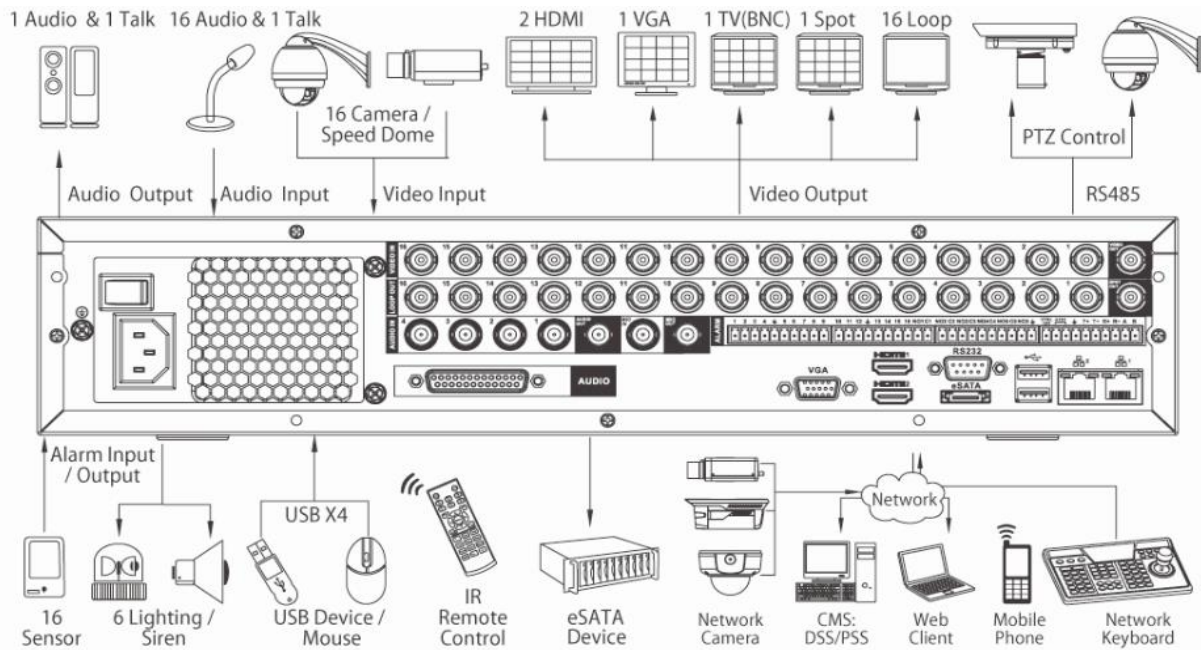
| Model                              | DH-DVR7804S-U  | DH-DVR7808S-U               | DH-DVR7816S-U    |
|------------------------------------|--|-----------------------------|------------------|
| <b>System</b>                      |  |                             |                  |
| Main Processor                     | Dual-core embedded processor   |                             |                  |
| Operating System                   | Embedded LINUX   |                             |                  |
| <b>Video</b>                       |  |                             |                  |
| IP Video Input                     | 4 channel  | 8 channel                   | 16 channel       |
| Analog Input                       | 4 channel, BNC   | 8 channel, BNC              | 16 channel, BNC  |
| Analog Video Standard              | NTSC(525Line, 60f/s), PAL(625Line, 50f/s) , Effio 960H camera  |                             |                  |
| Loop Output                        | 4 channel, BNC   | 8 channel, BNC              | 16 channel, BNC  |
| <b>Audio</b>                       |  |                             |                  |
| Input                              | 4 channel, BNC   | 8 channel, BNC              | 16 channel, BNC  |
| Output                             | 1 channel, BNC   |                             |                  |
| Two-way Talk                       | 1 channel Input, 1 channel Output, BNC   |                             |                  |
| <b>Display</b>                     |  |                             |                  |
| Interface                          | 2 HDMI, 1 VGA, 1 TV, 1 Spot, BNC   |                             |                  |
| Resolution                         | 1920×1080, 1280×1024, 1280×720, 1024×768   |                             |                  |
| Display Split                      | 1/4/8  | 1/4/8/9/16                  | 1/4/8/9/16/25/36 |
| Privacy Masking                    | 4 rectangular zones (each camera)  |                             |                  |
| OSD                                | Camera title, Time, Video loss, Camera lock, Motion detection, Recording   |                             |                  |
| <b>Recording</b>                   |  |                             |                  |
| Video/Audio Compression            | H.264 / MJPEG(IP) / G.711  |                             |                  |
| Resolution                         | 1080P(1920×1080) / 720P(1280×720) / 960H(960×576/960×480) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120) |                             |                  |
| Record Rate                        | IP   | Max 160Mbps                 |                  |
|                                    | Analog   | All channel@960H (25/30fps) |                  |
| Bit Rate                           | IP: 48~8192 Kb/s, Analog: 48~4096Kb/s  |                             |                  |
| 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.   |                             |                  |
| <b>Video Detection &amp; Alarm</b> |  |                             |                  |
| Trigger Event                      | Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips  |                             |                  |
| Video Detection                    | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank  |                             |                  |
| Alarm Input                        | 4 channel  | 8 channel                   | 16 channel       |
| Relay Output                       | 6 channel  |                             |                  |
| <b>Playback &amp; Backup</b>       |  |                             |                  |

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|                            |   |       |          |
|----------------------------|---|-------|----------|
| 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 Functions         | 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   |       |          |
| <b>Network</b>             |   |       |          |
| Ethernet                   | 2 RJ-45 port (10/100M/1000M)  |       |          |
| Network Functions          | HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS and etc.)      |       |          |
| Max. User Access           | 128 users   |       |          |
| Smart Phone                | iPhone, iPad, Android, Windows Phone  |       |          |
| <b>Storage</b>             |   |       |          |
| Internal HDD               | 8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB  |       |          |
| External HDD               | 1 eSATA port (Max 4 SATA HDDs), up to 16TB  |       |          |
| <b>Auxiliary Interface</b> |   |       |          |
| USB Interface              | 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 100~240 V, 50/60 Hz  |       |          |
| Power Consumption          | 40W   |       |          |
| Working Environment        | -10 ~ +55°C / 10~90%RH / 86~106kpa  |       |          |
| Dimension (W×D×H)          | 2U, 440mm×460mm×89mm  |       |          |
| Weight                     | 6.5KG(without HDD)  |       |          |

# DH-DVR7804/7808/7816S-U

## System Connection



\* Take DVR7816S-U as an example

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\*Design and specifications are subject to change without notice.

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