

## DH-DVR0404/0804/1604HF-S

4/8/16 Channel Full Channel D1 2U Standalone DVR



### Features

- > Up to 4/8/16 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > Full channel@D1(4CIF) realtime recording
- > HDMI / VGA / TV / Spot simultaneous video output
- > All channel synchronous realtime playback, GRID interface & smart search
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 3 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

## DH-DVR0404/0804/1604HF-S

### Technical Specifications

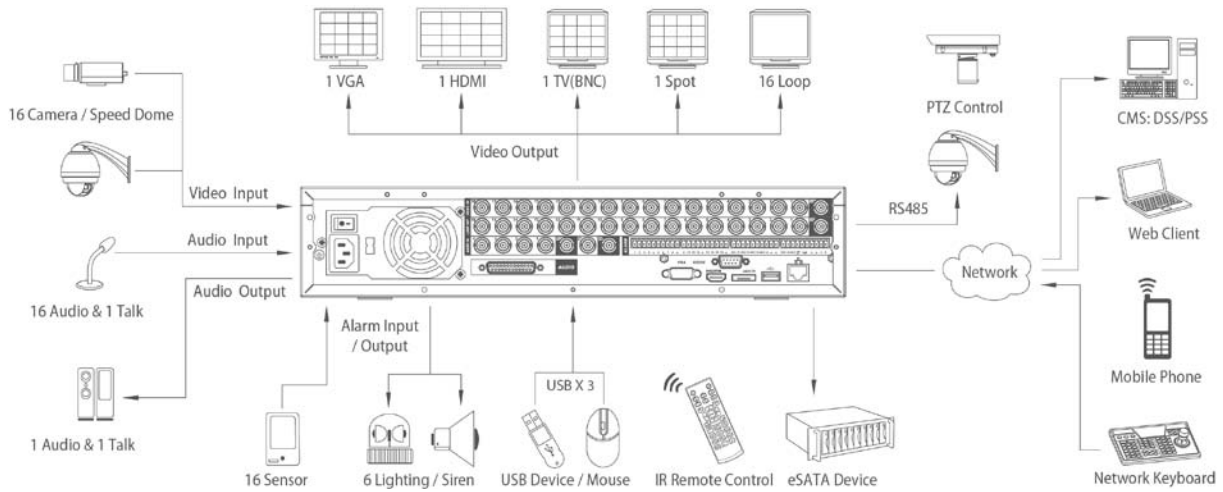
| Model                              | DH-DVR0404HF-S   | DH-DVR0804HF-S              | DH-DVR1604HF-S  |
|------------------------------------|--|-----------------------------|-----------------|
| <b>System</b>                      |  |                             |                 |
| Main Processor                     | Dual-core embedded processor   |                             |                 |
| Operating System                   | Embedded LINUX   |                             |                 |
| <b>Video</b>                       |  |                             |                 |
| Input                              | 4 channel, BNC   | 8 channel, BNC              | 16 channel, BNC |
| Standard                           | NTSC(525Line, 60f/s), PAL(625Line, 50f/s)  |                             |                 |
| Loop Output                        | 4 channel  | 8 channel                   | 16 channel      |
| <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                          | 1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC   |                             |                 |
| Resolution                         | 1920×1080, 1280×1024, 1280×720, 1024×768   |                             |                 |
| Display Split                      | 1/4  | 1/4/8/9                     | 1/4/8/9/16      |
| 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 / G.711  |                             |                 |
| Resolution                         | 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                        | Main Stream:   | D1/HD1/2CIF/CIF(1~25/30fps) |                 |
|                                    | Extra Stream   | CIF/QCIF(1~25/30fps)        |                 |
| Bit Rate                           | 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 Events                     | 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                       | 5 channel  |                             |                 |
| <b>Playback &amp; Backup</b>       |  |                             |                 |
| Sync Playback                      | 1/4  | 1/4/9                       | 1/4/9/16        |
| Search Mode                        | Time/Date, Alarm, MD & Exact search (accurate to second), Smart search   |                             |                 |

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|                            |   |     |     |
|----------------------------|---|-----|-----|
| 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                   | 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   |     |     |
| Max. User Access           | 20 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              | 3 ports (1 Rear), USB2.0  |     |     |
| RS232                      | 1 port, For PC communication & Keyboard   |     |     |
| RS485                      | 1 port, For PTZ control   |     |     |
| <b>General</b>             |   |     |     |
| Power Supply               | AC100~240V, 50/60Hz   |     |     |
| Power Consumption          | 25W   | 30W | 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-DVR0404/0804/1604HF-S

## System Connection



\* Take DVR1604HF-S for the example

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

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