

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

4/8/16 Channel Effio 960H 2U Standalone DVR



### Features

- > Up to 4/8/16 Effio cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > Full channel@960H(960×576/960×480) 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, 4 USB2.0
- > Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS

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

### Technical Specifications

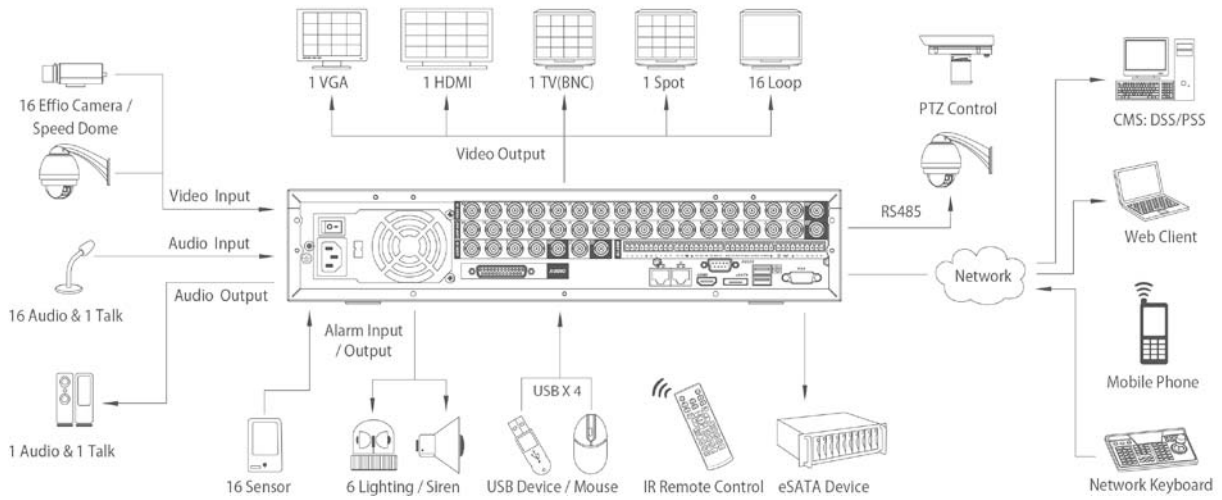
Model	DH-DVR0404HF-S-E	DH-DVR0804HF-S-E	DH-DVR1604HF-S-E
<b>System</b>			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
<b>Video</b>			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s), Effio 960H camera		
Loop Output	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(1.0Vp-p, 75Ω)		
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	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	Main Stream:	960H/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

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

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 ports (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	4 ports (2 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-E

## System Connection



\* Take DVR1604HF-S-E for the example

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

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