

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

8/16/32ch Analog & 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 120fps@1080p, 240fps@720p, 480fps@D1;  
Analog: 4/8/16 channel@D1(4CIF) 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

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

### Technical Specifications

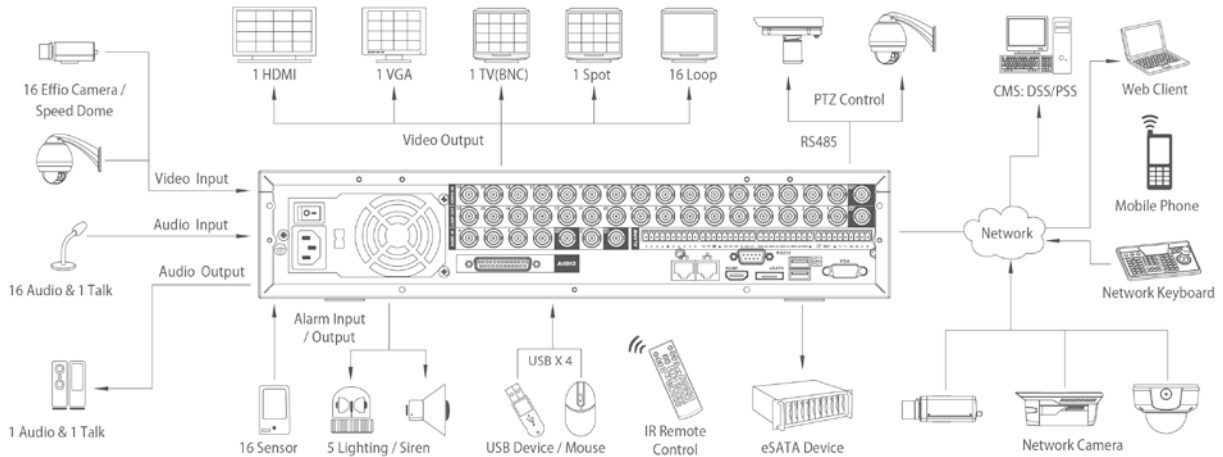
Model	DH-DVR0404HF-U	DH-DVR0804HF-U	DH-DVR1604HF-U
<b>System</b>			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
<b>Video</b>			
IP Video Input	4 channel	8 channel	16 channel
Analog Video Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Analog Video Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
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	1 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) / D1 (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 480fps@D1 / 240fps@720P / 120fps@1080P	
	Analog	All channel@D1(25/30fps) + CIF(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>			
Sync Playback	1/4	1/4/9	1/4/9/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		

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

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		
<b>Network</b>			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Function	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	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	3 ports (1 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
<b>General</b>			
Power Supply	AC 100~240V, 50/60 Hz		
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-U

## System Connection



\* Take DVR1604HF-U as an example

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### Dahua Technology Co., Ltd.

1187 BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: [overseas@dahuatech.com](mailto:overseas@dahuatech.com)

[www.dahuatech.com](http://www.dahuatech.com)

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

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