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

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 120fps@1080p, 240fps@720p, 480fps@D1;
  Analog: 4/8/16 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
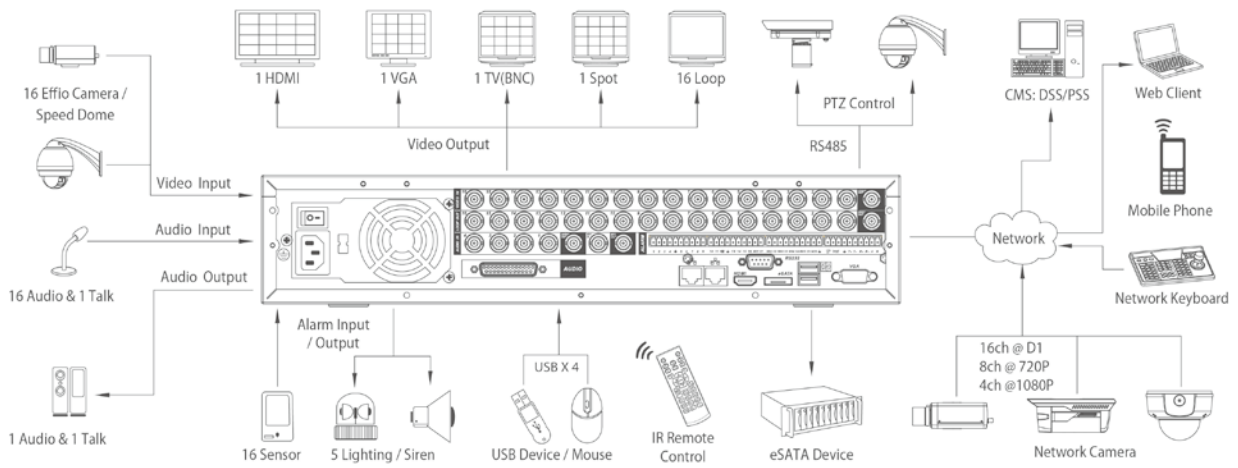
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Technical Specifications

Model	DH-DVR0404HF-U-E	DH-DVR0804HF-U-E	DH-DVR1604HF-U-E
System			
Main Processor	Dual-core embedded processor		
Operating System	Embedded LINUX		
Video			
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
Audio			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Output	1 channel, BNC		
Two-way Talk	1 channel Input, 1 channel Output, BNC		
Display			
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		
Recording			
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 480fps@D1 / 240fps@720P / 120fps@1080P		
Record Rate — 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.		
Video Detection & Alarm			
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	5 channel		
Playback & Backup			

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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		
Network			
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	20 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
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		
Auxiliary Interface			
USB Interface	4 ports (2 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485	1 port, For PTZ control		
General			
Power Supply	AC 100~240 V, 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)		

System Connection

* Take DVR1604HF-U-E for the example

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