

DH-DVR0404/0804/1604HF-A

4/8/16 Channel Full D1 1080P 1U Standalone DVR

DVR610



DH-DVR0404HF-A: Full D1 recording, 4 channel video inputs, 4 channel audio inputs, 1 channel spot output with multi split display . It can support HDMI, VGA, USB2.0 and 2 HDDs.

DH-DVR0804HF-A: Full D1 recording, 8 channel video inputs, 8 channel audio inputs, 1 channel spot output with multi split display. It can support HDMI, VGA, USB2.0 and 2 HDDs.

DH-DVR1604HF-A: Full D1 recording, 16 channel video inputs, 4 channel audio inputs, 1 channel spot output with multi split display. It can support HDMI, VGA, USB2.0 and 2 HDDs.

Features

- > 4/8/16 channel full D1 1U standalone DVR
- > Up to 4/8/16 cameras with full HD 1080P display
- > H.264 dual-stream video compression
- > Full channel D1(4CIF) realtime recording
- > HDMI / VGA / TV/Spot(BNC) synchronous video output
- > Live, recording, playback, backup & remote access
- > 16 channel simultaneous realtime playback & smart search
- > Smart video detection: MD, camera blank, video loss
- > 3D intelligent positioning with Dahua PTZ dome camera
- > Easy backup: USB devices, network download
- > Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
- > Support 2 SATA HDDs, 2 USB2.0
- > Built-in web server, multi-DVR client, DMSS & CMS

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Specifications

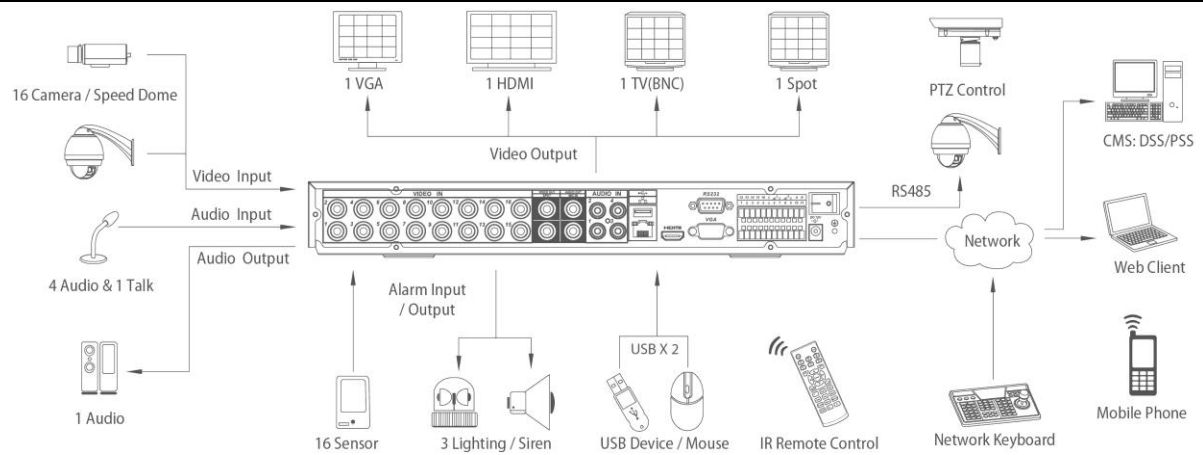
Model	DH-DVR0404HF-A		DH-DVR0804HF-A		DH-DVR1604HF-A	
System						
Main Processor	High performance embedded microprocessor					
Operating System	Embedded LINUX					
System Resources	Pentaplex function: live, recording, playback, backup & remote access					
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network					
Video						
Input	4 channel, BNC(1.0Vp-p, 75Ω)		8 channel, BNC(1.0Vp-p, 75Ω)		16 channel, BNC(1.0Vp-p, 75Ω)	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)					
Output	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)					
Audio						
Input	4 channel, RCA(200-2800mV, 30KΩ)		8 channel, RCA(200-2800mV, 30KΩ)		4 channel, RCA(200-2800mV, 30KΩ)	
Output	1 channel, RCA(200-3000mV, 5KΩ)					
Bidirectional Talk	1 channel Input, RCA(200-2800mV, 30KΩ)					
Display						
Display Split	1/4		1/4/8/9		1/4/8/9/16	
Spot Split	1/4		1/4/8/9		1/4/8/9/16	
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768, 800×600					
Tour Display	Support					
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera					
OSD	Camera title, time, video loss, camera lock, motion detection, recording					
Recording						
Video/Audio Compression	H.264 / G.711					
Image 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)					
Encoding Speed	Main Stream: D1/HD1/2CIF/CIF(1~25/30fps) Extra Stream: CIF/QCIF(1~25/30fps)					
Bit Rate	32~4096Kb/s					
Image Quality	1~6 level(level 6 is the best, VBR effectively)					
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop					
Recording Priority	Manual >Alarm >MD >Regular					
Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.					
Video Detection & Alarm						
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, Spot output					
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)					

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Video Loss & Camera Blank	Support		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	3 channel		
Playback & Backup			
Playback Channel	1/2/4/All		
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(any size)		
Backup Mode	Flash drive / USB HDD / USB CD&DVD-RW / Network download		
Network			
Ethernet	RJ-45 port (10/100M/1000M)		
Network Functions	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server		
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information		
Hard Disk			
Hard Disk	2 SATA ports, Max 2TB HDD supported		
Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H		
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)		
Auxiliary Interface			
USB Interface	2 ports, 1 for mouse control, 1 for backup		
RS232	Dahua keyboard, PC communication		
RS485	PTZ control		
Environmental			
Power Supply	DC12V/3.3A		
Power Consumption	15W(without HDD)		
Working Environment	-10 ~+55℃ / 10~90%RH / 86~106kpa		
Dimension	1U, 375mm×285mm×45mm(W×D×H)		
Weight	2.35KG(without HDD)		

System Connection

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* Take DVR1604HF-A for the example