

DH-DVR0404/0804/1604HF-S

4/8/16 Channel Full D1 1080P 2U Standalone DVR



DH-DVR0404HF-S: Full D1 recording, 4 channel video inputs, 4 channel audio inputs, 4 channel loop outputs and 1 channel spot output with multi split display. It can support HDMI, VGA, eSATA, USB2.0 and 8 HDDs.

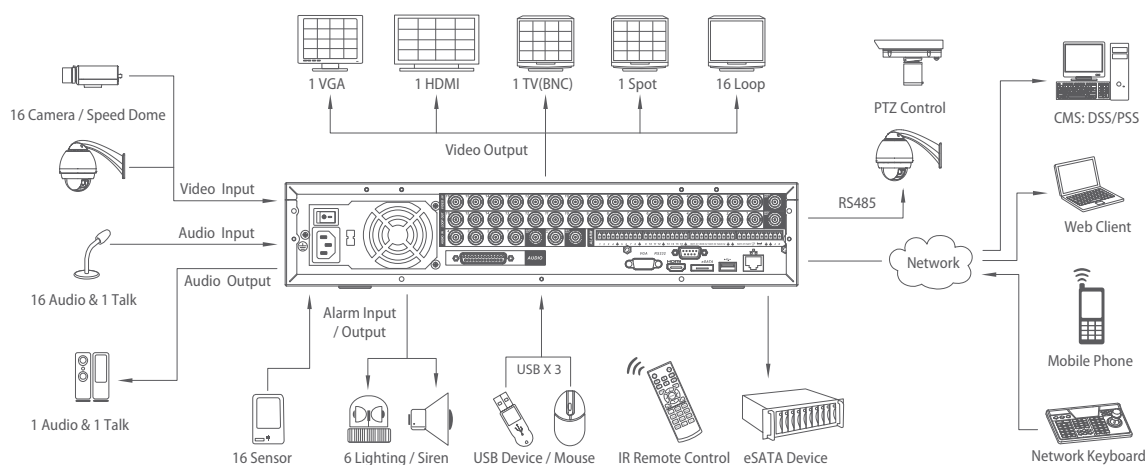
DH-DVR0804HF-S: Full D1 recording, 8 channel video inputs, 8 channel audio inputs, 8 channel loop outputs and 1 channel spot output with multi split display. It can support HDMI, VGA, eSATA, USB2.0 and 8 HDDs.

DH-DVR1604HF-S: Full D1 recording, 16 channel video inputs, 16 channel audio inputs, 16 channel loop outputs and 1 channel spot output with multi split display. It can support HDMI, VGA, eSATA, USB2.0 and 8 HDDs.

Features

- 4/8/16 channel full D1 2U 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, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
- Support 8 SATA HDDs & CD/DVD-RW, 1 eSATA, 3 USB2.0
- Built-in web server, multi-DVR client, DMSS & CMS

System Connection



* Take DVR1604HF-S for the example

Specifications

Model		DH-DVR0404HF-S	DH-DVR0804HF-S	DH-DVR1604HF-S
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)		
	Loop Output	4 channel	8 channel	16 channel
Audio	Input	4 channel, BNC(200-2800mV, 30KΩ)	8 channel, BNC(200-2800mV, 30KΩ)	16 channel, BNC(200-2800mV, 30KΩ)
	Output	1 channel, BNC(200-3000mV, 5KΩ)		
	Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)		
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)		
	Video Loss & Camera Blank	Support		
	Alarm Input	4 channel	8 channel	16 channel
	Relay Output	6 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 / eSATA Device / Built-in SATA burner/ 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	8 SATA ports, 8 HDDs or 6 HDDs + 1 CD/DVD-RW, Max 2TB per 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	3 ports, 1 for mouse control, 2 for backup		
	eSATA	1 port, Recording or Backup		
	RS232	Dahua keyboard, PC communication		
	RS485	PTZ control		
Environmental	Power Supply	AC 100~240 V, 50/60 Hz		
	Power Consumption	25W	30W	40W
	Working Environment	-10~+55℃ / 10~90%RH / 86~106kpa		
	Dimension	2U, 440mm×460mm×89mm(W×D×H)		
	Weight	6.5KG(without HDD)		