## 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.

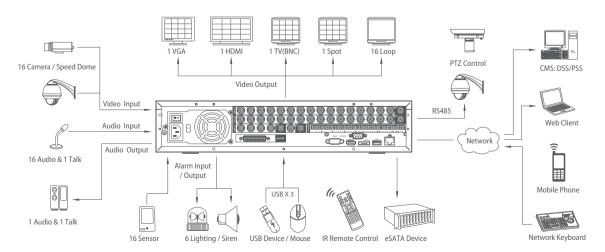
DH-DVR1604HF-S: Full D1 recording, 16 channel video inputs, 16 channel audio inputs, 16 channel loop outputs and 1 channel spot output with multi split display. It can support HDMI, VGA, eSATA, USB2.0 and 8 HDDs.

#### **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

# DH-DVR0404/0804/1604HF-S



### Specifications -

Model		DH-DVR0404HF-S	DH-DVR0804HF-S	DH-DVR1604HF-S
System	Main Processor	High performance embedded micro	processor	
	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 Split	1/4	1/4/8/9	1/4/8/9/16
Display	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 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)		
	Lincoding Speed	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  1.:120 min (default: 60 min) Provinced: 1.:20 sec. Post-record: 10::300 sec.		
Video Detection & Alarm	Recording Interval	1~120 min. (default: 60 min.), Pre-record: 1~30 sec., Post-record: 10~300 sec.		
	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  A shappel 2 shappel 16 shappel		
	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,		
	D   14	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°C / 10~90%RH / 86~106kpa		
	Dimension	2U, 440mm×460mm×89mm(W×D×H)		
	Weight 6.5KG(without HDD)			