

#### 4/8/16 Channel 2CIF 2U DVR



**DH-DVR0404LF-S:** Full channel 2CIF or 2ch@D1+2ch@CIF realtime recording; 4 channel video inputs and 4 channel audio input; 4 channel loop outputs and 1 channel spot output. It can support HDMI, VGA, TV, USB2.0 and 4HDD.

**DH-DVR0804LF-S:** Full channel 2CIF or 2ch@D1+6ch@CIF realtime recording; 8 channel video inputs and 8 channel audio inputs; 8 channel loop outputs and 1 channel spot output. It can support HDMI, VGA, TV, USB2.0 and 4HDD.

**DH-DVR1604LF-S:** Full channel CIF or 1ch@D1+15ch@CIF realtime recording; 16 channel video inputs and 16 channel audio inputs; 16 channel loop outputs and 1 channel spot output. It can support HDMI, VGA, TV, USB2.0 and 4HDD.

#### **Features**

- > 4/8/16 channels 2CIF 2U standard DVR
- > Up to 4/8/16 cameras with 1080p realtime preview
- > H.264 dual-stream video compression
- > DH-DVR0404LF-S: Full channel 2CIF or 2ch@D1+2ch@CIF realtime recording
- > DH-DVR0804LF-S: Full channel 2CIF or 2ch@D1+6ch@CIF realtime recording
- > DH-DVR1604LF-S: Full channel CIF or 1ch@D1+15ch@CIF realtime recording
- > HDMI/VGA/TV(BNC) synchronous video output
- > All channel simultaneous realtime playback, GRID interface & 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 4 SATA HDD up to 16TB, 1eSATA up to 16TB, 2 USB2.0
- > Built-in web server, CMS(DSS/PSS) & DMSS



## **Specifications**

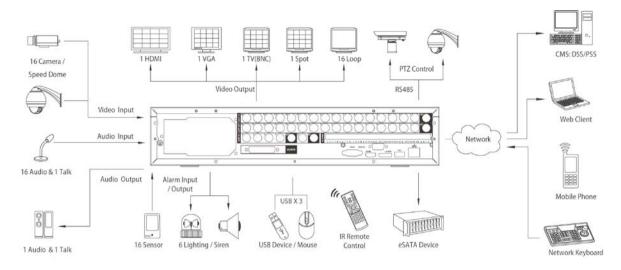
Model	DH-DVR0404LF-S	DH-DVR0804LF-S	DH-DVR1604LF-S		
System			·		
Main Processor	High performance embedded microprocessor				
Operating System	Embedded LINUX				
System Resources	Pentaplex function: live, recording, playback, backup & remote access				
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network				
Video					
Input	4 channel,	8 channel,	16 channel, BNC(1.0Vp-p,		
	BNC(1.0Vp-p, 75Ω)	BNC(1.0Vp-p, 75Ω)	75Ω)		
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)				
Output	1 HDMI, 1 VGA, 1 TV, 1 Spo	t, BNC(1.0Vp-p, 75Ω)			
Loop Output	4 channel	8 channel	16 channel		
Audio	I. I.	<u> </u>	1		
Input	4 channel,	8 channel,	16 channel,		
	BNC(200-2000mV, 10KΩ)	BNC(200-2000mV, 10KΩ)	BNC(200-2000mV, 10KΩ)		
Output	1 channel, BNC(200-3000mV, 5KΩ)				
Bidirectional Talk	1/1 channel input/output				
Display					
Display Split	1/4	1/4/8/9	1/4/8/9/16		
Spot Split	1				
Resolution	1920 ×1080, 1280 ×1024, 1280×720, 1024×768				
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	H.264 / G.711				
Compression					
Image Resolution	D1/4CIF(704×576/704×480)/2CIF(704×288/704×240)/CIF(352×288/352×240)/				
-	QCIF(176×144/176×120)				
Encoding Speed	Main Stream: full	Main Stream: full	Main Stream: full CIF		
	2CIF(25/30fps) or	2CIF(25/30fps) or	(25/30fps) or		
	2ch@D1+2ch@CIF(25/30	2ch@D1+6ch@CIF(25/30	1ch@D1+15ch@CIF(25/30		
	fps)/full D1(12/15fps)	fps)/full D1(12/15fps)	fps)/full D1(6/7fps)		
	Extra Stream: QCIF 176×144/176×120				
Bit Rate	32~4096Kb/s				
Image Quality	CBR, VBR(1~6 level, level 6 is the best)				
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 & A	larm				
Trigger Events	Recording, PTZ movement,	Tour, Alarm, Email, FTP, Buzze	er & Screen tips		



Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)			
Video Loss & Camera				
Blank				
Alarm Input	4 channel	8 channel	16 channel	
Relay Output	6 channel			
Playback & Backup				
Playback Channel	1/2/4	1/2/4/8	1/2/4/8/16	
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)			
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/Build-in SATA			
	burner/Network download			
Network				
Ethernet	RJ-45 port (10/100/1000M)			
Network Functions	HTTP, TCP/IP, IPv4/IPv6,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	4 SATA port, Max 4TB HDD supported			
eSATA	4 External SATA ports, up to 16TB			
Space Occupation	Audio: 28.8MB/H, Video: 56~1800MB/H			
HDD Management	Hard disk hibernation technology, HDD faulty alarm			
Auxiliary Interface				
USB Interface	3 ports			
RS232	Dahua keyboard, PC communication			
RS485	PTZ control			
Environmental				
Power Supply	220V $\pm$ 10% 50Hz $\pm$ 2% / 110 $\pm$ 10% 60Hz $\pm$ 2%			
Power Consumption	21W (Exclude HDD)			
Working Environment	0°C ~+55°C / 10~90%RH / 86~106kpa			
Dimension	2U, 440mm×460mm×89mm(W×D×H)			
Weight	7.25KG(without HDD)			



#### Connection



Take DH-DVR1604LF-S as an example

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