

DH-DVR0404/0804/1604LF-S

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

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Specifications

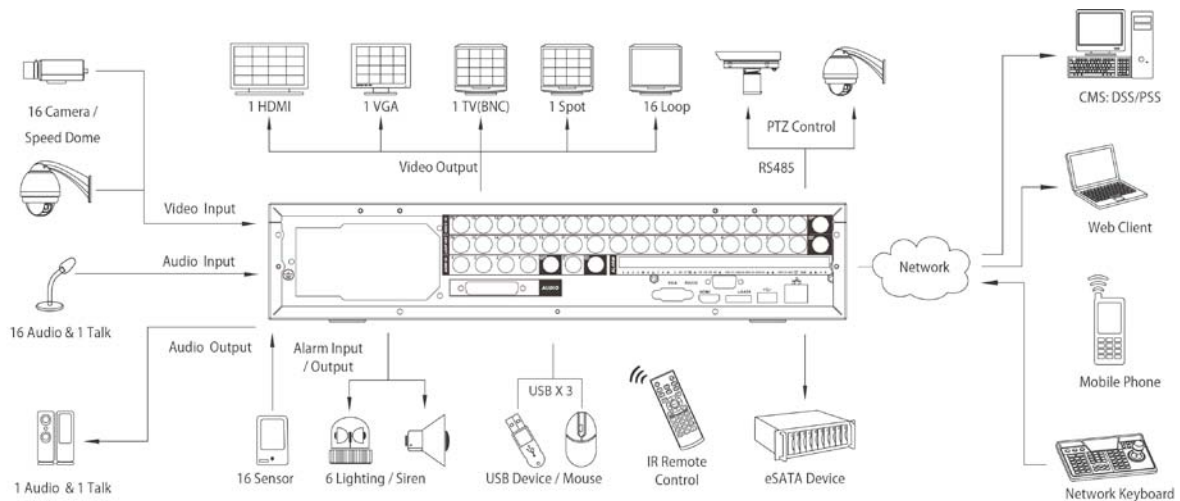
Model	DH-DVR0404LF-S	DH-DVR0804LF-S	DH-DVR1604LF-S
System			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
System Resources	Pentaplex function: live, recording, playback, backup & remote access		
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network		
Video			
Input	4 channel, 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(200-2000mV, 10KΩ)	8 channel, BNC(200-2000mV, 10KΩ)	16 channel, 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 Compression	H.264 / G.711		
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 2CIF(25/30fps) or 2ch@D1+2ch@CIF(25/30 fps)/full D1(12/15fps)	Main Stream: full 2CIF(25/30fps) or 2ch@D1+6ch@CIF(25/30 fps)/full D1(12/15fps)	Main Stream: full CIF (25/30fps) or 1ch@D1+15ch@CIF(25/30 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 & Alarm			
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips		

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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	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±10% 50Hz±2% / 110±10% 60Hz±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)		

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Connection



Take DH-DVR1604LF-S as an example

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*Design and specifications are subject to change without notice.

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