

DH-DVR0804/1604LE-AS

8/16 Channel Entry-level 1U Standalone DVR



Model

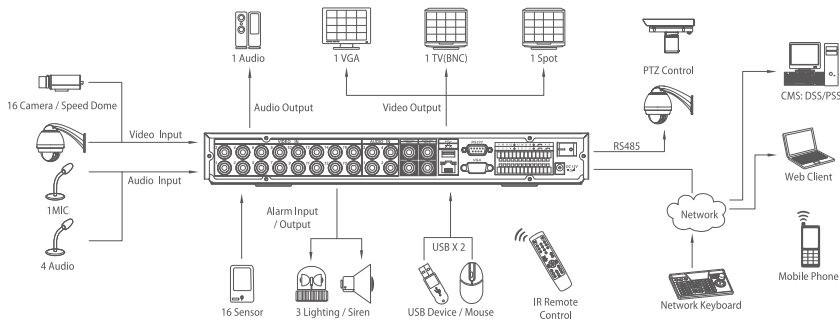
DH-DVR0804LE-AS: 8 channel video inputs and 4 channel audio inputs. It can support CIF realtime recording or D1(4CIF) recording with 6/7fps. It can support TV, VGA and USB2.0.

DH-DVR1604LE-AS: 16 channel video inputs and 4 channel audio inputs. It can support CIF realtime recording or D1(4CIF) recording with 6/7fps. It can support TV, VGA, Spot and USB2.0. Main and Spot output can support multi-window display.

Features

- 16 channel IP and 4/8/16 channel Effio 960H 2U Hybrid DVR
- Dual-core CPU presents the powerful preview, recording, playback and network performance
- Up to 20/24/32 channel with 1080P realtime live view
- H.264/MPEG-4 decoding & H.264 dual-stream encoding
- IP: 16 channel@D1, 8 channel@720P, 4 channel@1080P realtime recording
- Analog: 4/8/16 channel@960H(960*576/960*480) realtime recording
- HDMI / VGA / TV/Spot(BNC) synchronous video output
- All channel simultaneous realtime playback, GRID interface & smart search
- Support Multi-brand network cameras such as: Dahua, Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY and ONVIF
- Support remote network camera encoding setting & image adjust
- IP Search feature to auto discover network cameras
- Smart video detection: MD, camera blank, video loss
- 3D intelligent positioning with Dahua PTZ dome camera
- Easy backup: USB/eSATA devices, CD/DVD-RW & network download
- Alarm triggering screen tips, buzzer, PTZ, e-mail & FTP upload
- Support 8 SATA HDDs up to 24TB, 1 eSATA up to 12TB, 4 USB2.0
- Built-in web server, CMS(DSS/PSS) & DMSS

System Connection



* Take DVR1604LE-AS for the example

Specifications

Model	DH-DVR0804LE-AS	DH-DVR1604LE-AS
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	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 TV, BNC(1.0Vp-p, 75Ω), 1 VGA	11 TV, 1 Spot, BNC(1.0Vp-p, 75Ω), 1 VGA
Audio		
Input	4 channel, BNC(200-2800mV, 30KΩ)	
Output	1 channel, BNC(200-3000mV, 5KΩ)	
Bidirectional Talk	Same with audio input channel 1	
		1 channel Input, BNC(200-2800mV, 30KΩ)
Display		
Display Split	1/4/8/9	1/4/8/9/16
Resolution	1280x1024, 1280x720, 1024x768	
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(704x576/704x480) / 2CIF(704x288/704x240) / CIF(352x288/352x240) / QCIF(176x144/176x120)	
Encoding Speed	Main Stream: CIF/QCIF(1~25/30fps), D1(1~6/7fps)	Main Stream: CIF/QCIF(1~25/30fps), 2CIF(1~12/15fps), D1(1~6/7fps)
	Extra Stream: QCIF(1~25/30fps), CIF(1~6/7fps)	
Bit Rate	32~1024Kb/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(22x18), Sensitivity: 1~6 (level 6 is highest)	
Video Loss & Camera Blank	Support	
Alarm Input	8 channel	16 channel
Relay Output	3 channel	
Playback & Backup		
Playback Channel	1/2/4/All	
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 / Network download	
Network		
Ethernet	RJ-45 port (10/100M)	RJ-45 port (10/100/1000M)
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server	
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information	
Hard Disk		
Hard Disk	1 SATA port, Max 2TB HDD supported	
Space Occupation	Audio: 28.8MB/H, Video: 56~500MB/H	
HDD Management	Hard disk hibernation technology, HDD faulty alarm	
Auxiliary Interface		
USB Interface	2 ports, 1 for mouse control, 1 for backup	
RS232	N/A	Support
RS485	PTZ control	
Environmental		
Power Supply	AC 100~240 V, 50/60 Hz	
Power Consumption	25W	
Working Environment	-10°C~+55°C / 10~90%RH / 86~106kpa	
Dimension	1U, 375mmx285mmx45mm(WxDxH)	
Weight	2.35KG(without HDD)	

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