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Specifications

System	
Main Processor	High performance embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
User Interface	GUI, on-screen menu tips
Control Device	Front panel, USB mouse, DAHUA keyboard, IR remote control, network keyboard
Input Method	Numerical/Character/Denotation
System Status	HDD status, data stream statistics, log record, bios version, on-line user etc.

Video													
Video Input	4/8/16 channel, BNC, 1.0Vp-p, 75 Ω												
Video Output	1 channel TV output, BNC, 1.0Vp-p, 75 Ω, 1 VGA output, 1 HDMI output												
Video Standards	PAL(625Line, 50/s), NTSC(525Line, 60/s)												
Video Compression	H.264												
Video Resolution	<table border="1"> <thead> <tr> <th>Format</th> <th>NTSC</th> <th>PAL</th> </tr> </thead> <tbody> <tr> <td>D1(4CIF)</td> <td>704 X 480</td> <td>704 X 576</td> </tr> <tr> <td>CIF</td> <td>352 X 240</td> <td>352 X 288</td> </tr> <tr> <td>QCIF</td> <td>176 X 120</td> <td>176 X 144</td> </tr> </tbody> </table>	Format	NTSC	PAL	D1(4CIF)	704 X 480	704 X 576	CIF	352 X 240	352 X 288	QCIF	176 X 120	176 X 144
Format	NTSC	PAL											
D1(4CIF)	704 X 480	704 X 576											
CIF	352 X 240	352 X 288											
QCIF	176 X 120	176 X 144											
Video Recording	CIF/QCIF: PAL 1/s-25/s, NTSC 1/s-30/s; 4CIF: PAL 1/s-25/s, NTSC 1/s-30/s; (1st channel of DVR0404LE-A, 1st channel of DVR0804LE-A, 1st and 9th channel of DV1604LE-A can support D1 realtime recording) Dual encoding streams supported;												

Video Display Split	Full and multiple screen display, 1 / 4 / 9 / 16
Tour Display	Support
Image Quality	1-6 level(level 6 is the best)
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
Camera Lock	Camera locked for users
Camera Adjustment	Adjust color according to different time period
Video Information	Camera title, time, video loss, camera lock, motion detection, recording
TV Output Adjustment	Adjust TV output color & display zone

Audio	
Audio Input	4/8/4 channel, BNC, 200-2800mV, 30K Ω
Bidirectional Talk Input	1 channel, BNC, 200-2800mV, 30K Ω, same with the 1st channel
Audio Output	1 channel, BNC, 200-3000mv, 5K Ω
Audio Compression	G.711

Video Detection & Alarm	
Motion Detection	Zones: 396 (22*18) detection zones Sensitivity: 1-6 (level 6 is highest) Trigger recording, PTZ movement, tour, alarm, email
Video Loss	Trigger recording, PTZ movement, tour, alarm, email

Camera Blank	Trigger recording, PTZ movement, tour, alarm, email
Alarm Input	4/8/16 channel, programmable, ground, manual open/closed Trigger recording, PTZ movement, tour, alarm, email
Relay Output	3/3/3 channel, 30VDC, 1A, NO/NC, form-C

Hard Disk	
Hard Disk	1 SATA port, 1 HDD supported
Space Occupation	Audio: 14.4MB/H Video: 56 - 500MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm

Record, Playback & Backup	
Recording Mode	Manual, continuous, video detection (including motion detection, camera blank, video loss), Alarm
Recording Priority	Manual > Alarm > Video Detection > Continuous
Recording Interval	1 to 120 minutes (default: 60 minutes), Pre-record up to 30 seconds, Post-record up to 5 minutes
Overwrite Mode	Support
Search Mode	Time/Date, Alarm, Motion Detection & exact search (accurate to second)
Playback	16 channel playback simultaneously, pause, stop, rewind, fast play, slow play, next file, previous file, next camera, previous camera, full screen, repeat, shuffle, backup selection
Digital Zoom	Selected zone can zoom into full screen during playback
Backup Mode	Flash disk/ USB HDD/ USB CD/DVD-RW/ Network download

Network	
Interface	RJ-45 Port (10/100M)
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

Auxiliary Interface	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	DAHUA keyboard, PC communication
RS485	PTZ control

Environmental	
Power Supply	220V 50Hz / 110V 60Hz
Power Consumption	25W
Working Temperature	-10°C~+55°C
Working Humidity	10%-90%
Atmosphere Pressure	86kpa-106kpa
Dimension	1U, 375mmx285mmx45mm (W*D*H)
Weight	2.35KG(without HDD)
Mounting	Desktop or rack

- Standalone DVR
- Special DVR
- PC-Based DVR Card
- Network Video Server
- Network Video Decoder
- IP Storage
- Keyboard
- CMS