

# DVR

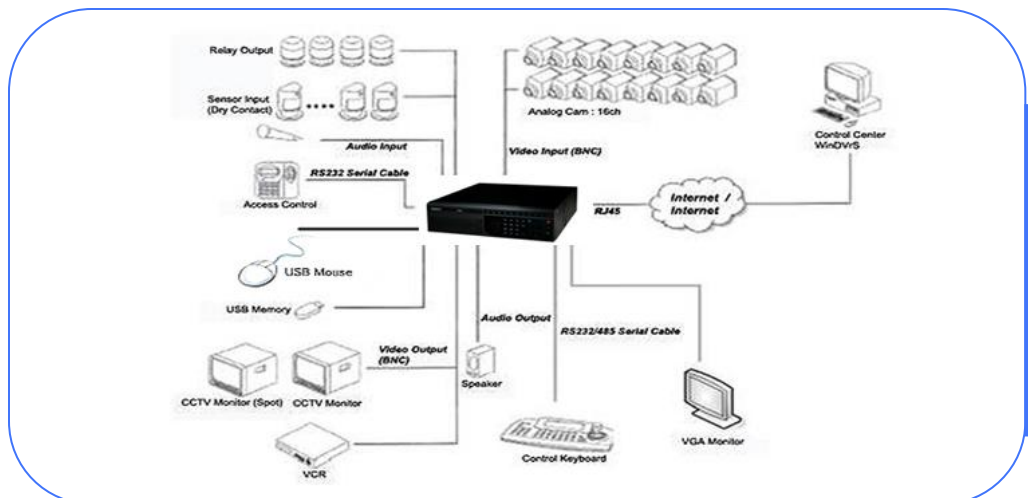
H.264 8ch/16ch Stand Alone DVR

# LH-Series



## Key Features

- 8/16ch Stand-alone DVR with **H.264** and JPEG dual codec
- Max. 240/200ips(8ch at CIF), 240/200ips(16ch at CIF) recording
- Adjustable resolution (CIF, 2CIF, 4CIF/D1) and frame rate per channel
- USB Mouse and User friendly GUI
- Support **Multi stream** for Recording and Network and mobile view simultaneously
- 2 internal HDDs can be installed with SATA type (DVD optional)
- 4ch audio inputs for recording and 1ch output for two-way audio
- Built-in 2 BNC Monitor outputs (1 BNC for Monitor and 1 BNC for Spot) and 1 **VGA**
- Built-in multiplexer for 4/8/16ch live monitoring and playback (1/4/9/16ch mode)
- Built-in (Option) CD/DVD Writer, USB 2.0 for various data backup
- PTZ control (support preset) via RS485 / 232
- Support static and dynamic IP for xDSL, Cable-modem user
- Support POS/ATM and external keyboard/joystick via RS485 / 232 and IR remote controller
- Provide remote monitoring software (Control Center Software)
- Built-in Web Server for Web Browser viewing and playback
- Support NTP (Network Time Protocol) for time synchronization
- Support SDK for SI and project manager
- Date/Time, Log, Text, Smart search available from Control Center Software
- Support IPFR (Intelligent Power Failure Recovery)
- FCC, CE, MIC, RoHS approved



Connection Diagram

# Specification (LH Series)

Item		LH800L	LH1600C
Video Input	Analog Ch.	8 BNC Connectors (NTSC/PAL, Auto detect)	16 BNC Connectors (NTSC/PAL, Auto detect)
Video Output	Monitor	2 BNC (1 Main Monitor, 1 Spot Monitor), 1 VGA	
	Loop Out	8	16
Video Compression		H.264 & JPEG (Remote Monitor Only)	
Display	Speed	240/200ips (NTSC/PAL)	480/400ips (NTSC/PAL)
	Resolution	4CIF(D1), 2CIF(HALF), CIF	
	Multi Screen	1, 4, 8ch	1, 4, 9, 10, 16ch
Recording	Speed	240/200ips (NTSC/PAL) at CIF	240/200ips (NTSC/PAL) at CIF
	Resolution	4CIF(D1), 2CIF(HALF), CIF	
Sensor Input / Relay Output		8 Input / 2 Output (NO, NC)	16 Input / 2 Output (NO, NC)
System Control		Key Buttons, Remote Client, IR Remote, Keyboard Controller	
PTZ Control		RS-485, RS-232C	
Audio		4Ch Input (4 RCA) / 1Ch Output	
Display		Brightness, Contrast, Covert Feature	
Camera Title		22 Characters per Channel	
Recording Mode		Manual, Event, Schedule	
Recording Quality		5 Levels of Compression Rate / Record Frame Rate Adjustment	
Pre/Post Recording		5sec / 60sec	
Motion Detection		22x15 (NTSC) / 22x18 (PAL) grid	
Search Mode		Time, Calendar, Event, Thumbnail, Text, Smart (Remote Playback Only)	
Playback Mode	Speed	Forward, Reverse, Pause, 1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x	
	Multi Screen	1, 4, 8ch	1, 4, 9, 10, 16ch
Multiplex Function		Simultaneous Live Display/Playback/Record/Backup, Remote Monitoring/Playback	
Event Notification		Automatic E-mail, Internal Buzzer, Relay-out, Pop-up Screen, Network Event	
File System		Intelligent Power Failure Recovery	
Watermark		Yes	
Password Protection		11 Level (Admin/ 10 User)	
Backup		CD/DVD Writer (Option), USB, Network	
Encoding Policy		Selectable Network & Recording Priority	
USB Port		2 in Front (support Mouse & Copy image)	
Interface		2 RS-485, 1 RS-232C	
Storage		2 Internal SATA HDD (+ Optional DVD)	
Network		TCP/IP, ARP, ICMP, DHCP, PPPoE, UDP, SMTP, SNMP, FTP, SNTp, HTTP	
Remote Control		Software Application: Control Center (Supplied Basically) Remote Observation Through Web Browser Functions: Monitor, Search, Playback, Backup, Event Monitor, PTZ	
Operation System		Embedded Linux	
Temperature	Operation	+5℃ ~ +40℃	
	Storage	-20℃ ~ +60℃	
Humidity	Operation	30 ~ 80% RH Below	
	Storage	93% RH Below	
Dimensions (mm)		350(W) x 400(D) x 88(H)	
Weight		8.0Kg	
Power Consumption (Applied Adaptor)		AC 100~240V, 50/60Hz, Max. 85W, Typical 60W	
Total Integration Solution & API		Control Center, SDK	