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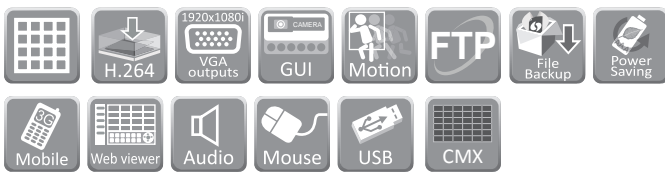
Analog Product





# DVR 316

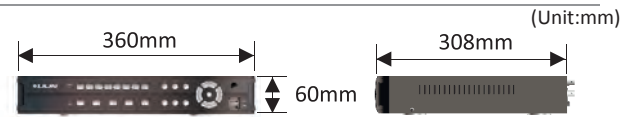
## H.264 Real-time Full D1



### Features

- H.264 real-time Full D1 live, D1 120 FPS recording and playback .
- VGA outputs at 1920 \* 1080i, built-in 3D intellectual motion adoptive refinement and vivid image enhancement engines.
- HTTP web-based interface including DVR configuration, PTZ control, playback, and live monitoring.
- Concurrent multiple channel playback for 16-channel.
- 3G mobile phone solutions provided.
- Resolution, frame rate, and video quality configurable for each group channel.
- LCD Power saving design.
- Support Free CMX

### Dimensions 360(W) x 308(D) x 60(H)mm



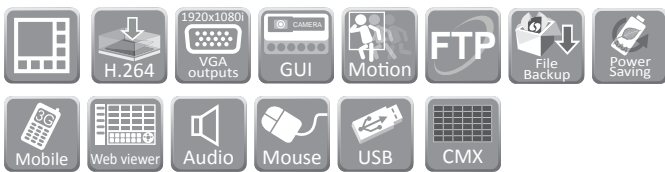
DVR		
Name	H.264 Real-time Full D1	
Model	DVR316	
Recording	SATA HDD: internal * 2	
Recording	Recording mode	External alarm / motion detection / schedule / manual
	Video source	Analog * 16
	Resolution	Full D1: 720 * 576 (PAL) 720*480 (NTSC) / CIF: 320 * 288 (PAL) 320 * 240 (NTSC)
	Recording NTSC	D1 120 / CIF 480 FPS
	Recording PAL	D1 100 / CIF 400 FPS
	Schedule	7 day * 24 hrs time table, recording mode configurable
Backup	Backup	USB 2.0 flash disk / HTTP file download / Audio supported
	DVD/RW	External USB DVD/RW
Playback	Playback	H.264 AVC video
	Speed	FR: 2x, 4x, 8x, 16x, 32x, 64x FF: 2x, 4x, 8x, 16x, 32x, 64x
	Compression	H.264 AVC and JPEG
	Video Input	Analog cameras
Video	Camera Name	12 characters
	Live video	PAL: 400 FPS / NTSC: 480 FPS
	Video Output	BNC * 1 + Spot monitor
	VGA output	3D intellectual motion adoptive refinement with vivid image enhancement VGA engine up to 1920 * 1080i
	Backlight saving	LCD backlight saving mode
Multiplexer	Multiplexer	Sequence / freeze
	Digital zoom	-
	Split screen	4, 9, 16
	Spot monitor	Yes
	Reports	Full alarm, configuration, and operation reports exporting over HTTP or USB
Management	Authentication	User authentication with feature configurable
	Recording day	Dynamic recording day calculation
Alarm/event	Alarm/event	DI * 8 and DO* 2 (NO/NC)
	Motion	Motion grid 44*36 each channel, 8 sensitivities
	Event	External alarm, video loss, power recovery, motion detection, schedule, log on, HDD format
	Email	Alarm notification with JPEG attachments

DVR		
Accessories	Accessories	Remote controller addressable up to 255 DVRs
	P/T/Z protocol	LILIN MLP2 and Pelco RS-485
	Keyboards	PIH-931D keyboard
	IR receiver	Extra IR extension connector
	Mouse(Optional)	USB , right-mouse-click
	Audio	G.711 audio,0.7Vp-p, 8KHz,16bit
Network	Audio In/out	RCA 4 in , 1 output
	Remote control	Yes
	Network	Direct Internet browser access / multiple users access
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / DNS /NTP
	Web	Live / event log & time search playback / AVI / snapshot
Software	DVR status	HTML DVR status
	IPScan	IPScan supported, easy-to-setup for IP address
	BackupManager	Multiple DVRs FTP file download and multi-channel playback
	Mobile phone	iPhone, and Android mobile phone supported
Others	WDT	Hardware watchdog timer
	DST	Daylight saving time
	Multilanguage	English, Chinese, Spanish, Danish, Swiss, Norwegian, Arabic, Japanese, German, French, Polish, Portuguese, Simplified Chinese, Vietnamese, Italian
	CPU/OS	32-bit RISC Processor, ARM926 SoC 324 MHz, Linux 2.6 kernel
Power	Power	DC 12V, 5.0A, 60W
	Working Env.	Temp: 0°C ~ +50°C / Humidity: 0%~80%
	Dimension	360mm * 60mm * 308mm
	Weight	3.0 Kg (w/o HDD)



# DVR 308

## H.264 Real-time Full D1



### Features

- H.264 real-time Full D1 live, D1 120 FPS recording and playback .
- VGA outputs at 1920 \* 1080i, built-in 3D intellectual motion adoptive refinement and vivid image enhancement engines.
- HTTP web-based interface including DVR configuration, PTZ control, playback, and live monitoring.
- Concurrent multiple channel playback for 8-channel.
- 3G mobile phone solutions provided.
- Resolution, frame rate, and video quality configurable for each group channel.
- LCD Power saving design.
- Support Free CMX

### Dimensions 360(W)x 308(D)x 60(H)mm



DVR		
Name	<b>H.264 Real-time Full D1</b>	
Model	<b>DVR308</b>	
Recording	SATA HDD: internal * 2	
Recording	Recording mode	External alarm / motion detection / schedule / manual
	Video source	Analog * 8
	Resolution	Full D1: 720 * 576 (PAL) 720*480 (NTSC) / CIF: 320 * 288 (PAL) 320 * 240 (NTSC)
	Recording NTSC	D1 120 / CIF 240 FPS
	Recording PAL	D1 100 / CIF 200 FPS
	Schedule	7 day * 24 hrs time table, recording mode configurable
Backup	Backup	USB 2.0 flash disk / HTTP file download / Audio supported
	DVD/RW	External USB DVD/RW
Playback	Playback	H.264 AVC video
	Speed	FR: 2x, 4x, 8x, 16x, 32x, 64x FF: 2x, 4x, 8x, 16x, 32x, 64x
	Compression	H.264 AVC and JPEG
Video	Video Input	Analog cameras
	Camera Name	12 characters
	Live video	PAL: 200 FPS / NTSC: 240 FPS
	Video Output	BNC * 1 + Spot monitor
	VGA output	3D intellectual motion adoptive refinement with vivid image enhancement VGA engine up to 1920 * 1080i
Multiplexer	Backlight saving	LCD backlight saving mode
	Multiplexer	Sequence / freeze
	Digital zoom	-
	Split screen	4, 9
	Spot monitor	Yes
Management	Reports	Full alarm, configuration, and operation reports exporting over HTTP or USB
	Authentication	User authentication with feature configurable
	Recording day	Dynamic recording day calculation
Alarm/event	Alarm/event	DI * 8 and DO* 2 (NO/NC)
	Motion	Motion grid 44*36 each channel, 8 sensitivities
	Event	External alarm, video loss, power recovering, motion detection, schedule, logon, HDD format
	Email	Alarm notification with JPEG attachments

DVR		
Accessories	Accessories	Remote controller addressable up to 255 DVRs
	P/T/Z protocol	LILIN MLP2 and Pelco RS-485
	Keyboards	PIH-931D keyboard
	IR receiver	Extra IR extension connector
	Mouse(Optional)	USB , right-mouse-click
	Audio	G.711 audio,0.7Vp-p, 8KHz,16bit
Network	Audio In/out	RCA 4 in , 1 output
	Remote control	Yes
	Network	Direct Internet browser access / multiple users access
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / DNS /NTP
	Web	Live / event log & time search playback / AVI / snapshot
Software	DVR status	HTML DVR status
	IPScan	IPScan supported, easy-to-setup for IP address
	BackupManager	Multiple DVRs FTP file download and multi-channel playback
Others	Mobile phone	iPhone, and Android mobile phone supported
	WDT	Hardware watchdog timer
	DST	Daylight saving time
	Multilanguage	English, Chinese, Spanish, Danish, Swiss, Norwegian, Arabic, Japanese, German, French, Polish, Portuguese, Simplified Chinese, Vietnamese, Italian
Power	CPU/OS	32-bit RISC Processor, ARM926 SoC324 MHz, Linux 2.6 kernel
	Power	DC 12V, 5.0A, 60W
	Working Env.	Temp: 0°C ~ +50°C / Humidity: 0%~80%
	Dimension	360mm * 60mm * 308mm
Weight	3.0 Kg (w/o HDD)	



# DVR 304

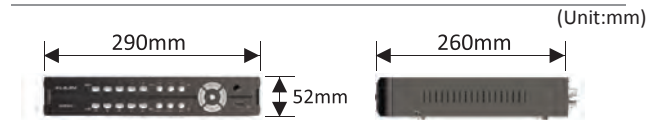
## H.264 Real-time Full D1 recording and playback



### Features

- H.264 real-time Full D1 live, D1 120 FPS recording and playback .
- VGA outputs at 1920 \* 1080i, built-in 3D intellectual motion adoptive refinement and vivid image enhancement engines.
- HTTP web-based interface including DVR configuration, PTZ control, playback, and live monitoring.
- Concurrent mutple channel playback for 4-channel.
- 3G mobile phone solutions provided.
- Resolution, frame rate, and video quality configurable for each channel.
- LCD Power saving design.
- Support Free CMX

### Dimensions 290(W) x 260(D) x 52(H)mm



DVR		
Name	<b>H.264 Real-time Full D1</b>	
Model	<b>DVR304</b>	
Recording	SATA HDD: internal * 1	
Recording	Recording mode	External alarm / motion detection / schedule / manual
	Video source	Analog * 4
	Resolution	Full D1: 720 * 576 (PAL) 720*480 (NTSC) / CIF: 320 * 288 (PAL) 320 * 240 (NTSC)
	Recording NTSC	D1 120 / CIF 120 FPS
	Recording PAL	D1 100 / CIF 100 FPS
	Schedule	7 day * 24 hrs time table, recording mode configurable
Backup	Backup	USB 2.0 flash disk / HTTP file download / Audio supported
	DVD/RW	External USB DVD/RW
Playback	Playback	H.264 AVC video
	Speed	FR: 2x, 4x, 8x, 16x, 32x, 64x FF: 2x, 4x, 8x, 16x, 32x, 64x
	Compression	H.264 AVC and JPEG
Video	Video Input	Analog cameras
	Camera Name	12 characters
	Live video	PAL: 100 FPS / NTSC: 240 FPS
	Video Output	BNC * 1
Multiplexer	VGA output	3D intellectual motion adoptive refinement with vivid image enhancement VGA engine up to 1920 * 1080i
	Backlight saving	LCD backlight saving mode
	Multiplexer	Sequence / digital zoom / freeze
	Digital zoom	ROI for 4X and 9X with PIP
	Split screen	4, PIP
Matrix	Spot monitor	No
		No
Management	Reports	Full alarm, configuration, and operation reports exporting over HTTP or USB
	Authentication	User authentication with feature configurable
	Recording day	Dynamic recording day calculation
Alarm/event	Alarm/event	DI * 4 and DO * 2 (NO/NC)
	Motion	Motion grid 12*12 each channel, 8 sensitivities
	Event	External alarm, video loss, stop recording, power recovering, motion detection, schedule, logon, HDD format
	Email	Alarm notification with JPEG attachments

DVR		
Accessories	Accessories	Remote controller addressable up to 255 DVRs
	P/T/Z protocol	LILIN MLP2 and Pelco RS-485
	Keyboards	None
	IR receiver	None
	Mouse(Optional)	USB / PS-2, drag-n-drop, right-mouse-click, mouse wheel.
	Audio	G.711 audio,0.7Vp-p, 8KHz,16bit
Network	Audio In/out	RCA 1 in, 1 output
	Remote control	Yes
	Network	Direct Internet browser access / multiple users access
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / DNS /NTP
	Web	Live / event log & time search playback / AVI / snapshot
Software	DVR status	HTML DVR status
	IPScan	IPScan supported, easy-to-setup for IP address
	BackupManager	Multiple DVRs FTP file download and multi-channel playback
Others	Mobile phone	iPhone, and Android mobile phone supported
	WDT	Hardware watchdog timer
	DST	Daylight saving time
	Multilanguage	English, Chinese, Spanish, Danish, Swiss, Norwegian, Arabic, Japanese, German, French, Polish, Portuguese, Simplified Chinese, Vietnamese, Italian
Power	CPU/OS	32-bit RISC Processor, ARM926 SoC324 MHz, Linux 2.6 kernel
	Power	DC 12V, 4.2A, 48W
	Working Env.	Temp: 0°C ~ +50°C / Humidity: 0%~80%
	Dimension	290 mm * 52mm * 260mm
	Weight	1.5 Kg (w/o HDD)