

H.264 Digital Video Recorder



SDR-160H
SDR-80H
SDR-40H



SDR-40H /80H /160H H.264 Digital Video Recorder

The SDR series Stand Alone DVR feature the latest H.264 high performance compression technology, which display the crystal clear and high quality video images. The H.264 compression algorithm maximizes the system's recording capacity via different configurations, and speed up the video transmission via internet. The DVR systems provide multiplex operations allow live monitoring, recording, playback, backup and network monitoring simultaneously. With advanced central management system (CMS), the DVR systems allow users to monitor and manage their stores and properties at different locations more efficiently.

Features:

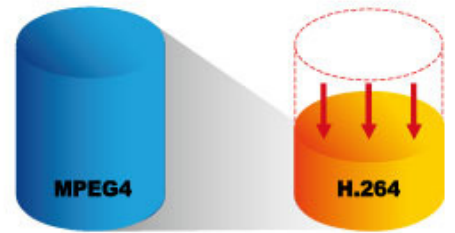
- 4 CH, 8CH , 16CH Stand Alone DVR
- H.264 Hardware Compression
- Embedded Linux Operation System
- Simultaneously monitoring via VGA monitor, Composite Monitor, and Spot Monitor
- Maximum 120/100fps (NTSC/PAL) recording for 4 channels
- Maximum 240/200fps (NTSC/PAL) recording for 8/16 channels
- Multiplex operations: Live, Record, Playback, Archiving and Network simultaneously
- Up to 2 SATA HDDs installation
- 1 CH Audio Recording
- Schedule recording, and various recording setup per channel
- Easy search by calendar, time, event, file (copied), text, log file
- Support various back up device: DVDRW, USB memory stick, External USB HDD and Network
- Web browser support
- Advanced CMS (Central Management Software)
- User friendly operation by front panel, Mouse, IR remote controller or Network viewer





Advanced H.264 Compression Algorithm

Using the latest H.264 hardware compression technology, the SDR DVR series can record video data more efficiently and maximize the usage of Hard Disk.



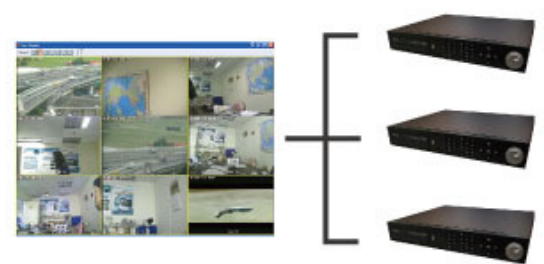
Powerful Network Capability

The SDR series equipped with TCP/IP connection, users can easily connect to the internet and remote monitoring their properties whenever and wherever they want.



Central Management System (CMS)

Through the powerful Central Management System, user can control and monitoring their surveillance systems at different locations at anytime they need.



Easy backup by DVD-RW, USB device or remote

The recording data can be easily backup by using internal DVD-RW, external USB device or remote PC.



System Integration :



* All features and specifications are subject to change without prior notice

Specifications :

Model No.		SDR-40H	SDR-80H	SDR-160H
Video	Video System	Auto Detection		
	Input	4CH BNC	8CH BNC	16CH BNC
	VGA Output	1 VGA (1024 x 768 Resolution)		
	Main Monitor	1CH BNC		
	Spot Monitor	1CH BNC		
Audio	Input	1CH RCA		
	Output	1CH RCA		
Sensor	Input	4CH Alarm Input	8CH Alarm Input	16CH Alarm Input
	Output	1CH Relay Output		
Storage	Device	2 SATA hard disks (7,200RPM, 45MHz DMA, MAX, 1TB)		
	DVD Writer	Option		
Display	Division	1,4	1,4,6,7,9	1,4,6,7,9,10,13,16
	Zoom	2X		
	OSD	Graphic OSD		
Recording	Compression	H.264		
	Resolution	720x480, 720x240, 360x240 (NTSC) 720x576, 720x288, 360x288 (PAL)		
	Fram Rate	NTSC	60, 120, 120FPS	60, 120, 240FPS
		PAL	50, 100, 100FPS	50, 100, 200FPS
	Quality	Fine / Normal / Low		
	Record Mode	Manual, Motion Detection, Sensor, Video Loss		
	Watermark	YES		
Control	Motion Detection	User selectable motion detection area for each camera individually		
		Sensitivity: 5 Levels		
	Pre - Alarm	0~5 sec		
	Post - Alarm	0~60 sec		
	Event LOG	Alarm, Motion, VideoLoss, Power Loss, Power and Record on/off		
	Remote Controller	Yes		
	PTZ Camera	Yes		
Playback	Search Mode	Time, Calender, Event, File, Block		
	Speed	Normal, REW&FF [1x / 2x / 4x / 16x / 32x / 64x / 128x], Picture to Picture, Pause		
	Device	Internal / External HDD from USB Interface Device		
	Backup File	H.264 compression and AVI format (converted by client viewer)		
Network	Compression	H.264		
	Network Interface	16Ch Client Viewer, Web Browser		
	Speed	120 Frames per second		
	Protocol	TCP/IP, SMTP, HTTP, DHCP, DDNS		
	Web Browser	Internet Explorer 5.0 or higher		
Backup	Internal	DVD±RW		
	External	USB HDD, USB DVD Writer, USB Memory Stick and Network Backup		
System Log	Mode	Power Failure Check / Menu Change / Network Connection		
	LOG Numbers	20,000 records		
Monitoring		Software Watchdog		
Recovery		Auto-Reboot By Watchdog		
Firmware Upgrade		USB 2.0 Port (1 Port at Front Panel), Network		
Power Source		DC12V		
Power Consumption		60W MAX.		
Operation Temp.		-10 ° C ~ + 40 ° C (14° F ~ 104° F)		
Weight		5.5 Kgs		
Dimension		430 (W) X 380 (D) X 66 (H) mm		