

H.264



**Clear and vivid image by H.264 compression**

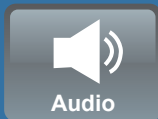
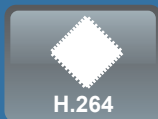


**HSDVR-1620H / 920H / 410H**

- Hardware H.264 Compression
- Realtime recording ( D1 Realtime recording for 4Ch DVR)
- Independent Resolution, Frame, Quality setup as per the channel
- Dual streaming network transmission
- Support Gigabit Ethernet, Free DDNS, IE Browser
- VGA Resolution Max.1280 X 1024
- Max. 2 Internal HDD (SATA)
- RS-422/485 for PTZ camera and External keyboard controller
- Backup via USB, CD/DVD-RW, External USB HDD
- HDD PC viewer
- iPhone, Blackberry, Android Phone, PDA

**CMS (Central Monitoring Software)**

- Max. 1,024 channel monitoring
- Quadraple display(Live/Search + E-map + Event mapper + PIP)
- Max. 16 E-Map image
- Event Mapper ( Special event caring window )
- Remote setup and backup
- Remote PTZ control and audio
- NASS BACKUP: Scheduled Network backup
- E-Map



**SPECIFICATIONS**

	HSDVR-410H	HSDVR-920H	HSDVR-1620H
Operating System	Embedded Linux		
Compression	H.264		
Audio compression	G723.1		
Video standard	NTSC / PAL		
Video In/Out	Input	4Ch	9Ch
	Output	Loop Out (4/9/16), Composite (1), Spot(1), S-VHS(1) VGA(1)	
	Resolution	Max. 1280 x 1024	
	Display Mode	TV, CCTV, VGA Monitor (Selectable)	
Live	Realtime		
Split Mode in Live Display	1, 4	1, 4, 6, 8, 9	1, 4, 6, 8, 9, 10, 13, 16
Record Resolution	NTSC	CIF( 352 X 240 ), 2CIF(704 X 240), D1(704 X 480)	
	PAL	CIF( 352 X 288 ), 2CIF(704 X 288), D1(704 X 576)	
Record Speed	CIF(NTSC/PAL)	120/100 fps	270 / 225 fps
	2CIF(NTSC/PAL)	120/100 fps	240 / 200 fps
	D1(NTSC/PAL)	120/100 fps	120 / 100 fps
Record Mode	Emergency, Schedule, Sensor, Motion, Sensor+Motion, Pre & Post Alarm Recording		
Search	Mode	Calendar, Date & Time, Event Search, First Search, Last Search	
	Speed	x1, x2, x4, x8, x10	
Audio	In /Out	4/1	
	Volume	Adjustable	
Sensor In / Alarm Out	4/1		
PORT	RS-232	External Keyboard controller & PTZ	
	RS-485		
	LAN		
Network Transmission	Video Dual-Stream ( Local recording & Network Transmission)		
Remote Management	Built-in Web server ( IE browser ), iPhone, Blackberry, Android Phone, PDA		
Backup Device	Internal	ODD BACKUP (OPTION)	
	External	Local Backup by USB Memory Stick and Network Backup by CMS	
HDD	( 2 x SATA HDD ) or ( 1 x SATA HDD & 1 x SATA ODD )		
System Operation	Front Button , USB Mouse, IR Remote Controller, External Keyboard		
Etc.	Multi-Language		
	PTZ control by virtual joystick(operated by mouse)		
	Backup Viewer auto copy & AVI export		
Power	Adaptor 12V 5A		
Operating Temp.	0 $\square$ ~ 40 $\square$		
Dimension	430 mm(W) X 54mm(H) X 315mm(D)		
Weight	3.5Kg		

