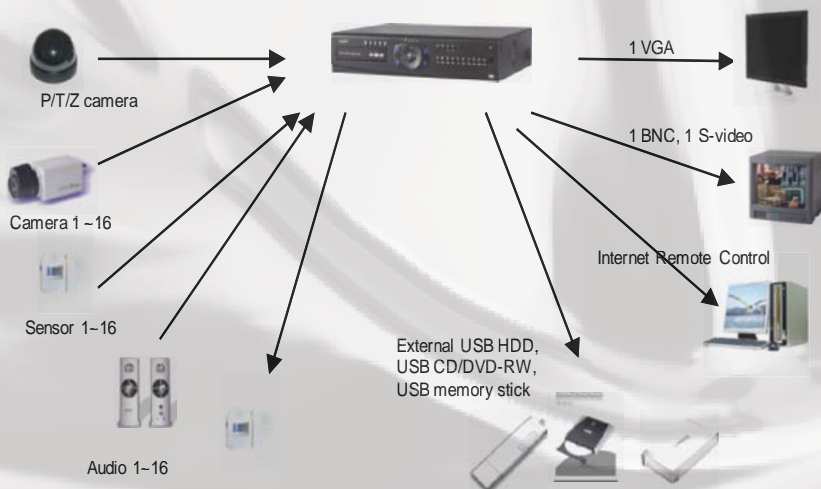


H.264 Series DVR



Features

- Embedded LINUX OS
- High-resolution & high-quality H.264 algorithm
- Using Water marking & scrambling technologies, Strong protection recorded data
- H.264 : 30~50% Smaller than Mpeg4 data size
- Individual Recording Settings to optimize record duration
- Full Pentaplex: Live monitoring, recording, playback, backup, Network
- Various events notification to e-mail, buzzer or PC Client system
- Smart Audio-Event Recording
- DDNS Supported
- Various Backup(Memory stick/internal CD/DVD/ External Storage) available
- Spot (Single, Multi-channel or event) available
- Mouse- driven User-friendly GUI
- Multi protocol RS485 & FSK telemetry
- Easy-to-use recorded data search
- Remote control via Client Program and IE
- P/T/Z (Pan/Tilt/Zoom) control
- Dome & DVR full control through Keyboard controller(2xRS485)
- Auto restart after power interruption
- DB structure offers data stabilization and best storage utilization



SPECIFICATION

Model – 16Ch Stand Alone DVR			H.264 Recording		
			RDR-2161	RDR-4161	
Video	Input (NTSC / PAL)		16		
	Output		1 BNC, 1 S-Video, 1 VGA, 1 Spot		
	Loop		NA	16	
Audio	Input		4 RCA	16 RCA	
	Output		1 RCA	1 RCA	
Sensor In (NO/NC), Alarm Out			16 / 1		
Operating System			Embedded Linux		
Display	Speed		400 fps (480 fps)		
	Resolution (Pixel)		720 x 480 (NTSC) / 720 x 576 (PAL)		
	Split Screen		1, 4, 8, 16		
Recording	Compression		H.264		
	Resolution (Pixel)		720 x 480, 720 x 240, 360 x 240 (NTSC) 720 x 576, 720x288, 360x288 (PAL)		
	Picture Quality		3 Steps (High, Middle, Low)		
	Mode		Normal, Motion, Alarm, Schedule, Auto, Duration		
	Priority		Alarm > Motion > Schedule > Duration > Normal		
	Speed (fps)	Total	NTSC	60(720x480), 120(720x240), 240(360x240)	120(720x480), 240(720x240), 480(360x240)
			PAL	50(720x576), 100(720x288), 200(360x288)	100(720x576), 200(720x288), 400(360x288)
		Channel	NTSC	3.75(720x480), 7.5(720x240), 15(360x240)	7(720x480), 15(720x240), 30(360x240)
			PAL	3(720x576), 6.25(720x288), 12.5(360x288)	6(720x576), 12.5(720x288), 25(360x288)
	Water Marking & Scrambling			Our Own Algorithm	
Playback	Display		1 / 4 / 8 / 16		
	Search Mode		Date & Time, Calendar, Event (Alarm, Motion, Audio)		
	Speed		Normal, REW & FF (1x2x4x16), Frame to Frame, Pause		
	Device		Internal HDD		
	Still Image Capture & Save		JPEG, BMP compression or Exclusive Format & USB I/F Device (Memory Stick)		
Network	Network Interface		Ethernet		
	Protocol		TCP/IP, SMTP, HTTP, DHCP, PPPOE(ADSL)		
	Serial Communication		RS-232 1each , RS-485 2each (PTZ & Keyboard)		
	Application		Windows 2000, XP, Vista		
	Web Browser		IE 5.0 or Higher		
	Event Transport		Event Notification When Event Occurs		
	Viewing		Remote Client, CMS		
Archive	Interface		USB 2.0 x 2each		
	Device Archive		Internal DVD RW / External HDD, DVD-RW, Memory Stick, Storage, Network		
Control	Motion Detection		Each Control / Channel		
			Sensitivity: 3 Steps for each Channel		
			Area: Programmable Area / each Camera		
	Alarm Hold Time		5 ~240 sec.		
	Event Log		Up to 256 Events (Alarm, Motion, Video / Power Loss / Power & Record On or Off)		
	Controller		IR Remote Control and Mouse		
Pan / Tilt Camera		Control From RS-485 Interface			
Others	HDD		Support Max. 3 HDD (3TB)		
	Power Source		100 ~240 VAC, 50 ~60 Hz.		
	Power Consumption		90W		
	Operating Temperature		5 ~40 °C, (41 ~104 F)		
	Relative Humidity		Max 80% - Non Condensing		
	Weight	Net	9.0 Kg		
		Gross (Box)	10.0 Kg		
	Dimension	Net	440(W)x420(D)x90(H) mm		
Gross (Box)		550(W)x540(D)x220(H) mm			