

# SRD-870/870D

8CH H.264 Digital Video Recorder



## Features

- 8ch 4CIF real-time DVR
- Video (H.264) / Audio (ADPCM)
- Up to 240 (NTSC) / 200 (PAL)ips recording rate
- Up to 8ch audio inputs and 1ch audio outputs
- Combined BNC and VGA/HDMI video output for main display
- SRD-870 : Max 6 internal HDD (HDD x 6)  
SRD-870D : Max 5 internal HDD (HDD x 5)
- HDD & DVD SATA interface
- DDNS
- Built-in web viewer
- DVD-RW (SRD-870D)
- Event notifications by E-mail

## Technical Specifications

	SRD-870	SRD-870D	
<b>DISPLAY</b>			
Video	Inputs	8 Composite video 0.5-1Vpp, 75 ohm automatic termination	
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
	Frame Rate	NTSC : 240ips / PAL : 200ips	
Live	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / PIP	
<b>PERFORMANCE</b>			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 240ips@704 x 480 / PAL : Up to 200ips@704 x 576 NTSC : Up to 240ips@704 x 240 / PAL : Up to 200ips@704 x 288 NTSC : Up to 240ips@352 x 240 / PAL : Up to 200ips@352 x 288	
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30ips) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25ips)	
	Overwrite Modes	Continuous Up to 30sec. (5, 10, 20, 30sec.)	
Search & Playback	Pre-alarm	Up to 6hour. (5, 10, 20, 30sec, 1, 3, 5, 10, 2min, 1, 2, 3, 4, 5, 6hour)	
	Post-alarm	Up to 6hour. (5, 10, 20, 30sec, 1, 3, 5, 10, 2min, 1, 2, 3, 4, 5, 6hour)	
	Search Mode	Date/Time, Event, Back up, Pos, Motion (*All searching mode include preview function)	
Network	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
	Transmission Speed	Up to 15Mbps, Unlimited 4M / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps	
	Bandwidth Control	Automatic	
Storage	Multi Stream	H.264 (4CIF / 2CIF / CIF)	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP	
	Monitoring	Net-i viewer, Smart viewer, Web viewer	
Security	Internal HDD	Up to 6 SATA HDDs	Up to 5 SATA HDDs
	External HDD	Up to 2 expansion bay (up to 4 HDD each)	
	DVD Writer (Back up)	N/A	Yes
INTERFACE	USB (Back up)	Up to 2 expansion bay (up to 4 HDD each)	
	File Format (Back up)	AVI, MDB (DVR play back), EXE (include player)	
Monitors	Password Protection	1 Admin, 10 Group, 20 User per 1 Group, User can be assigned authority for function	
	Data Authentication	Watermark	
Audio	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution	
	HDMI	480p / 720p / 1080p resolution	
	Main Composite	BNC, 1 Vp-p, 75 ohm	
	Spot Composite	1 BNC, 1 Vp-p, 75 ohm, Support multi screen and camera title	
Alarm	Loop Outputs	8	
	Inputs	8 Line in (Built in 4ch, Option : audio extension cable)	
	Output	1 Line	
Connections	Compression	ADPCM	
	Sampling Rate	16KHz	
	Inputs	Terminal 8 inputs, NO/NC	
	Outputs	Terminal 4 relay outputs, NO/NC	
General	Remote Notification	Notification via e-mail	
	Ethernet	1 RJ-45 10/100/1000 Base-T	
	Serial Interface	RS-232	
	PTZ Control Interface	RS-485	
Electrical	PTZ Keyboard	RS-485	
	USB	USB 2.0, 3 ports	
Environmental	eSATA	2 External SATA ports	
	Application Support	Mouse, Remote controller	
Mechanical	Supported	Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, Philips, AD	
	Protocols	DIAMOND, ERNA, KALATEL, VCLTP, VICON	
Language	GENERAL		
	Input Voltage	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging	
Mechanical	Power Consumption	Max. 55W (With 1x HDD) / Max. 65W (With 2x HDD)	
	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)	
Mechanical	Operating Humidity	20% ~ 85%RH	
	Dimensions (WxHxD)	440 x 88 x 430mm (17.32" x 3.46" x 16.93")	
Mechanical	Weight (2x Hard Disks)	Approx. 7.5Kg (16.53 lb)	
	Rack Mount Kit	2ea	
Language	Supported	English, Korean, Spanish, French, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Czech, Swedish, Danish, Chinese, Netherlands	
	Language		

## Dimensions

Unit : mm (inch)

