

# SRD-850DC



8CH CIF H.264 Real-time Digital Video Recorder

## Technical Specifications



### Key Features

- 8CH CIF real-time DVR
- Up to 240(NTSC) / 200(PAL)fps recording rate
- Max. 5 internal HDD (HDD x 5)
- PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]
- DVD-RW
- Support for smart phone

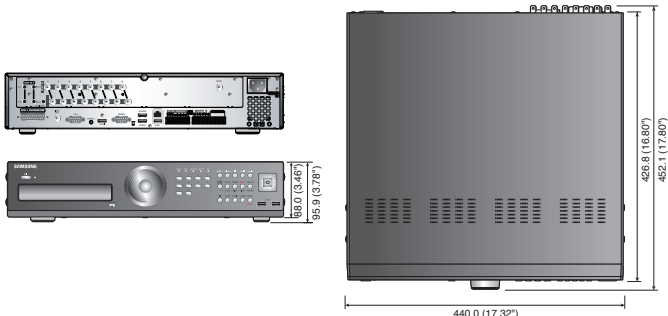
### Accessory (Optional)



SRX-AU0411

### Dimensions

Unit : mm (inch)



		SRD-850DC
<b>DISPLAY</b>		
Video	Inputs	8 Composite video 0.5-1 Vp-p, 75 ohm automatic termination
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Frame Rate	NTSC : 240fps / PAL : 200fps
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 60fps@704 x 480 / PAL : Up to 50fps@704 x 576 NTSC : Up to 120fps@704 x 240 / PAL : Up to 100fps@704 x 288 NTSC : Up to 240fps@352 x 240 / PAL : Up to 200fps@352 x 288
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25fps)
	Overwrite Modes	Continuous
	Pre-alarm	Up to 30sec (5, 10, 20, 30sec)
Search & Playback	Post-alarm	Up to 6hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)
	Search Mode	Date/Time, Event, Back up, Pos, Motion (*All search include preview function)
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward
Network	Transmission Speed	CIF 240/200fps
	Bandwidth	Up to 8Mbps, Unlimited (8M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps
	Bandwidth Control	Selectable
	Stream	H.264 (4CIF / 2CIF / CIF selectable)
	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, SmartViewer, Webviewer
Smart Phone	Smart Phone	Android, i-Phone
	Protocol Support	RTSP/RTP (UDP), CGI, HTTP
	Transmission Speed	Wi-Fi : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel) 3G : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel)
Storage	Max. Remote Users	Live 1
	Internal HDD	Up to 5 SATA HDDs
	External HDD	Up to 2 expansion bay (Up to 4 HDD each)
Security	DVD Writer (Back up)	Yes
	USB (Back up)	3 USB ports
	File Format (Back up)	AVI, BU (DVR player), EXE (Include player)
Data Authentication	Password Protection	1 Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function
	Watermark	
<b>INTERFACE</b>		
Monitors	VGA	1 VGA (800 x 600, 1024 x 768, 1280 x 1024)
	HDMI	480p / 720p / 1080p resolution
	Main Composite	1 BNC, 1 Vp-p, 75 ohm
	Spot Composite	Digital spot (1 BNC, 1 Vp-p, 75 ohm), support multi screen and camera title
Audio	Loop Outputs	8
	Inputs / Output	8CH line in (Built-in 4CH, option : audio extension cable) / 1CH line out
	Compression	ADPCM
Alarm	Sampling Rate	16KHz
	Inputs / Output	Terminal 8 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 125V AC / 0.5A
Connections	Remote Notification	Notification via e-mail
	Ethernet	1 RJ-45 10/100/1000 Base-T
	Serial Interface	RS-232/RS-485 for PTZ, Samsung system keyboard
	USB	USB 2.0, 3 ports
	eSATA	2 External SATA ports
Protocol Support	Application Support	Mouse, Remote controller
		Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, Vicon
		PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]
<b>GENERAL</b>		
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz, Autoranging
	Power Consumption	Max. 60W (With 1x HDD)
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
	Dimensions (WxHxD)	440.0 x 88.0 x 426.8mm (17.32" x 3.46" x 16.80")
Mechanical	Weight (With hard disks)	Approx. 7.5Kg (16.53 lb)
	Rack Mount Kit	2ea
Language		Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thailandais, Rumanian, Serbian, Croatian, Hungarian, Greek (22 Language)