

SAMSUNG

# High Definition & Easy Graphical User Interface

8Ch H.264 Real-time DVR



8CH H.264 Digital Video Recorder

## SRD-850/850D/850DC

- 8ch 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-850 : Max. 6 internal HDD (HDD x 6)  
SRD-850D : Max. 5 internal HDD (HDD x 5)
- HDD & DVD SATA interface, DDNS
- Built-in web viewer, DVD-RW (SRD-850D)
- PTZ control via Coaxial cable (SRD-850DC)

# 8CH H.264 Digital Video Recorder

# SRD-850/850D/850DC



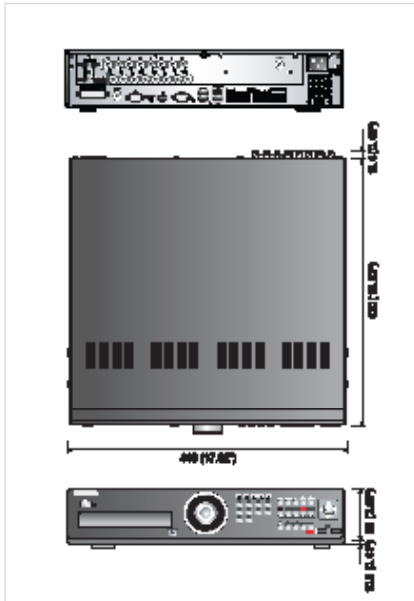
## Specifications

		SRD-850	SRD-850D	SRD-850DC
<b>DISPLAY</b>				
Video	Inputs	8 Composite video 0.5-1 Vpp, 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 60ips@704 x 480 / PAL : Up to 50ips@704 x 576 NTSC : Up to 120ips@704 x 240 / PAL : Up to 100ips@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 / 15ips) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5ips)		
	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 searching mode include preview function)		
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward		
Network	Transmission Speed	Up to 15 Mbps, Unlimited (4M) / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps		
	Bandwidth Control	Automatic		
	Multi Stream	H.264 (4CIF / 2CIF / CIF)		
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20		
Storage	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP		
	Monitoring	Net-i viewer, Smart viewer, Web viewer		
	Internal HDD	Up to 6 SATA HDDs	Up to 5 SATA HDDs	
	External HDD	Up to 2 expansion bay (up to 4 HDD each)		
Security	DVD Writer (Back up)	N/A	Yes	
	USB (Back up)	3 USB ports		
	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)		
INTERFACE	Password Protection	1 Admin, 10 Group, 20 User per 1 Group, User can be assigned authority for function		
	Data Authentication	Watermark		
Monitors	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		
Audio	Loop Outputs	8		
	Inputs	8 Line in (Built in 4ch, Option : audio extension cable)		
	Output	1 Line		
	Compression	ADPCM		
Alarm	Sampling Rate	16KHz		
	Inputs	Terminal 8 inputs, NO/NC		
	Outputs	Terminal 4 relay outputs, NO/NC		
Connections	Remote Notification	Notification via e-mail		
	Ethernet	1 RJ-45 10/100/1000 Base-T		
	Serial Interface	RS-232		
	PTZ Control Interface	RS-485		
GENERAL	PTZ Keyboard	RS-485		
	USB	USB 2.0, 3 ports		
	eSATA	2 External SATA ports		
	Application Support	Mouse, Remote controller		
Electrical	Protocol support	Samsung-E/ Samsung-T/ Pelco-D/ Pelco-p/Panasonic/ Phillips/ AD/ DIAMOND/ ERNA/ KALATEL/ VCL TP/VICON * SRD-850DC : PTZ Control via Coaxial Cable (Samsung CCVC, Coaxtron)		
	Input Voltage	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging		
Environmental	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")		
Language	Weight (2x Hard Disks)	Approx. 7.5kg (16.53 lb)		
	Rack Mount Kit	2ea		



## Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



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