High Definition &
Easy Graphical User Interface

8Ch H.264 Real-time DVR









8CH H.264 Digital Video Recorder

SRD-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-850DC

8CH | H.264 | 240ips(N) 200ips(P) | Max.6TB HDD | CMS

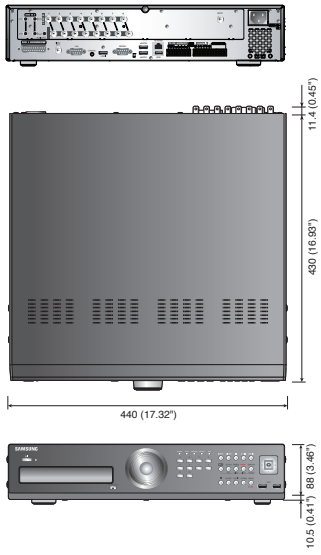


Specifications

		SRD-850DC
DISPLAY		
Video	Inputs	8 Composite video 0.5-1 Vp-p, 75 ohm automatic termination
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
Live	Frame Rate	NTSC : 240fps / PAL : 200fps
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / PIP
PERFORMANCE		
Operating System	Embedded	Linux
Recording	Compression	H.264
	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)
	Post-alarm	Up to 6hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)
Search & Playback	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)
	Max. Remote Users	Live 1
Storage	Internal HDD	Up to 5 SATA HDDs
	External HDD	Up to 2 expansion bay (Up to 4 HDD each)
	DVD Writer (Back up)	Yes
	USB (Back up)	3 USB ports
	File Format (Back up)	AVI, BU (DVR player), EXE (Include player)
Security	Password Protection	1 Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function
	Data Authentication	Watermark
INTERFACE		
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
	Loop Outputs	8
Audio	Inputs / Output	8CH line in (Built-in 4CH, option : audio extension cable) / 1CH line out
	Compression	ADPCM
	Sampling Rate	16KHz
Alarm	Inputs / Output	Terminal 8 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 125V AC / 0.5A
	Remote Notification	Notification via e-mail
Connections	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
	Application Support	Mouse, Remote controller
	Protocol Support	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)]
GENERAL		
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
Mechanical	Dimensions (WxHxD)	440.0 x 88.0 x 426.8mm (17.32" x 3.46" x 16.80")
	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)

Dimensions

Unit : mm (inch)



SAMSUNG TECHWIN AMERICA Inc.
100 Challenger Road, Suite 700, Ridgefield Park, NJ 07660, UNITED STATES
Tol Free : 1-877-213-1222 Fax : 1-201-373-0124
www.samsungsecurityusa.com

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