



SAMSUNG

Matching your requirements.

Entry level recording solution



8CH H.264 Digital Video Recorder

SRD-830/830D/830DC

Forming part of the SRD series of Digital Video Recorders (DVRs), the SRD-830 range provides users with an entry-level 8 channel recording solution that has been designed to perfectly match the functionality and budget requirements for a host of professional security applications. Providing real-time live view and selectable recording rates across all channels, users are able to record up to 120/100 (NTSC/PAL) fps at CIF resolution, 60/50 fps at 2-CIF resolution and 30/25 fps at 4-CIF resolution. Besides its flexible recording capacity, like all SRD series DVRs the SRD-830 range utilises Samsung's high level H.264 compression to ensure superb quality, whilst minimising hard drive space and bandwidth requirements. Options include a built-in DVD drive (SRD-830D) and coaxial control compatibility (SRD-830DC).

- Up to 120 (NTSC) / 100 (PAL)fps recording rate
- Up to 4ch audio inputs and 1ch audio outputs
- SRD-830 : Max. 6 internal HDD (HDD x 6)
SRD-830D(C) : Max. 5 internal HDD (HDD x 5)
- SRD-830D(C) : DVD-RW backup support
- SRD-830DC : PTZ control via coaxial cable
- Video (H.264) / Audio (ADPCM)

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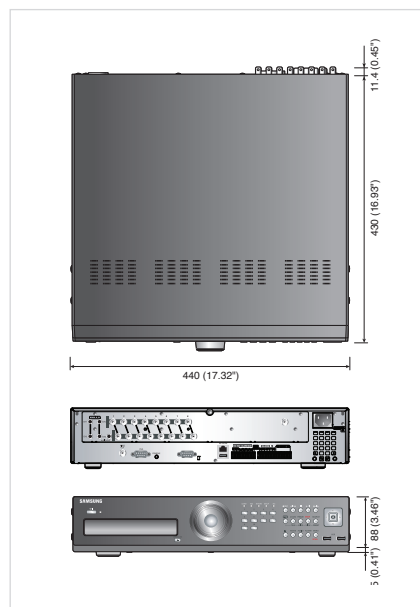


Specifications

	SRD-830	SRD-830D
DISPLAY		
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 : 240fps / PAL : 200fps
Live	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / PIP
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264
Recording	Record Rate	NTSC : Up to 30fps@704 x 480 / PAL : Up to 25fps@704 x 576 NTSC : Up to 60fps@704 x 240 / PAL : Up to 50fps@704 x 288 NTSC : Up to 120fps@352 x 240 / PAL : Up to 100fps@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 mode include preview function)
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward
	Transmission Speed	Up to 4Mbps, Unlimited 4M / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps
Network	Bandwidth Control	Automatic
	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
Storage	Monitoring	Net-i viewer, Smart viewer, Web viewer
	Internal HDD	Up to 6 SATA HDDs
	DVD Writer (Back up)	N/A
	USB (Back up)	3 USB ports
Security	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)
	Password Protection	1 Admin, 10 group, 20 user per 1 group, User can be assigned authority for function
Data Authentication		Watermark
INTERFACE		
Monitors	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution
	Main Composite	BNC, 1.0 Vp-p, 75 ohm
	Spot Composite	1 BNC, 1.0 Vp-p, 75 ohm, Support multi screen and camera title
Audio	Loop Outputs	8
	Inputs/Output	4 Line in / 1 Line out
	Compression	ADPCM
Alarm	Sampling rate	16KHz
	Inputs / Outputs	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, System keyboard
	USB	USB 2.0, 3 ports
	Application Support	Mouse, Remote controller
Protocol support		Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON
		* SRD-830DC : PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]
GENERAL		
Electrical	Input Voltage/Current	100 to 240V AC $\pm 10\%$, 50/60Hz, Auto ranging
	Power consumption	Max. 35W (With 1x HDD)
Environmental	Operating Temperature/Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
	Dimension (W x H x D)	440 x 88 x 430mm (17.32" x 3.46" x 16.93")
Mechanical	Weight (With hard disks)	Approx. 7.3Kg (16.09 lb)
	Rack mount kit	2ea
Language		Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Rumanian, Serbian, Croatian, Hungarian, Greek

Dimensions

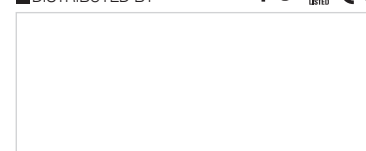
Unit : mm (inch)



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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