



Compact and Quiet, Optimized for Practical Use

The SRD-443 compact digital video recorder supports real-time CIF recording over each of its 4 channels. Capable of 4 CIF recording (720 x 480 for NTSC and 720 x 576 for PAL) in quarter real-time, recorded video can be exported via one of the two rear USB ports, or viewed via your smart phone or tablet using Android or iOS.

SRD-443

4CH CIF Real-time H.264 Digital Video Recorder

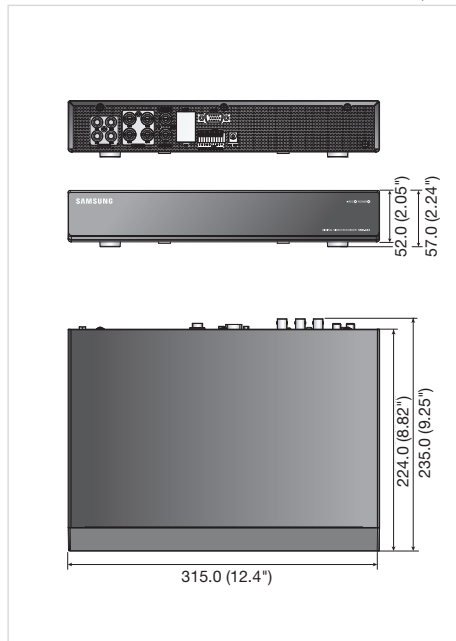
- 4CH CIF real-time DVR
- CIF resolution real time recording capability
- Max resolution 4 CIF (720 x 480 NTSC / 720 x 576 PAL)
- 2 USB ports (Rear)
- Event flash storage
- Smart phone (iOS and Android) support





Dimensions

Unit : mm (inch)



Specifications

		SRD-443
DISPLAY		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm
	Resolution	NTSC : 720 x 480 / PAL : 720 x 576
Live	Frame Rate	NTSC : 120fps / PAL : 100fps
	Resolution	NTSC : 720 x 480 / PAL : 720 x 576
	Multi Screen Display	1 / 4 / SEQUENCE / 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	Manual, Schedule (Continuous / Event), Event (Pre / Post)
	Event	Video loss, Motion (Level 1 ~ 10), Alarm
	Overwrite Modes	Selectable (Stop / Continuous)
	Pre-alarm	Up to 5sec (1, 2, 3, 4, 5sec)
	Post-alarm	Up to 6 hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)
Search & Playback	Search Mode	Date/Time, Event (Alarm/Motion), Back up (*All search included preview function)
	Playback Function	Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with I-frame only Slow forward / backward (1/2x, 1/4x, 1/8x)
Network (IPv4)	Transmission Speed	CIF 120/100fps
	Bandwidth	Up to 4Mbps, Unlimited (4M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps
	Bandwidth Control	Automatic
	Stream	H.264 (CIF)
	Max. Remote Users	Search 2 / Live unicast 4 / Live multicast 20
	Protocol Support	TCP/IP, UDP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP
Smart Phone	Monitoring	NET-i viewer, SmartViewer, Webviewer
	Platform	Android, iOS
Storage	Protocol Support	RTP, RTSP, HTTP, CGI
	Max. Remote Users	Live 1
	Internal HDD	Up to 1 SATA HDD
Security	USB (Back up)	2 USB ports
	File Format (Back up)	BU (DVR player), EXE (Include player), AVI
Security	Password Protection	1 Admin, 10 Group, 10 User per 1 group
	Data Authentication	Watermark
INTERFACE		
Monitors	VGA	1 VGA (1024 x 768) *Main composite or VGA selected in booting
	Main Composite	1 BNC (1 Vp-p, 75 ohm)
	Spot Composite	Analog spot (1 BNC, 1 Vp-p, 75 ohm)
Audio	Inputs / Output	4CH line in / 1CH line out
	Compression	G.711
	Sampling Rate	8KHz
Alarm	Inputs / Output	Terminal 4 inputs (NO/NC) / Terminal 1 relay outputs (NO), Rating : 24V DC / 1A, 125V AC / 0.5A
	Remote Notification	Notification via e-mail
Connections	Ethernet	1 RJ-45 10/100 Base-T
	Serial Interface	RS-485 (Half) for PTZ, System keyboard
	USB	USB 2.0, 2 ports (Front / Rear)
	Application Support	Mouse, Remote controller
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO
GENERAL		
Electrical	Input Voltage / Current	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, Max. 24watt
	Power Consumption	Max. 10W (with 1x HDD)
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
Mechanical	Dimensions (WxHxD)	315.0 x 52.0 x 224.0mm (12.4" x 2.05" x 8.82")
	Weight (With hard disks)	Approx. 1.6Kg (3.53 lb)
Language		Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Romanian, Serbian, Croatian, Hungarian, Greek, Taiwanese (23 Language)



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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