



SAMSUNG

# Easy and Convenient

## Compact 4CH H.264 DVR



4CH CIF H.264 Digital Video Recorder

# SRD-442



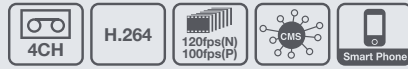
The SRD-442 is the ideal recording solution for users looking to match economy with professional performance and it is suitable for applications such as monitoring small offices and retail outlets.

With its built-in 4.3" LCD touch monitor, the SRD-442 provides convenient preview function so that the users do not have to check a separated monitor. The features includes real-time recording across all four channels at CIF resolution, a set of search & playback functions, and live monitoring through Smartphone with Samsung iPOLiS application.

- Front panel 4.3" touch screen
- 4CH CIF real-time DVR
- CIF resolution real-time recording capability (4CIF recording available)
- SATA I/F HDD support (Internal Max. HDD x 2)
- Smart phone support
- 1CH audio input and 1CH audio output

# 4CH CIF H.264 Digital Video Recorder

# SRD-442

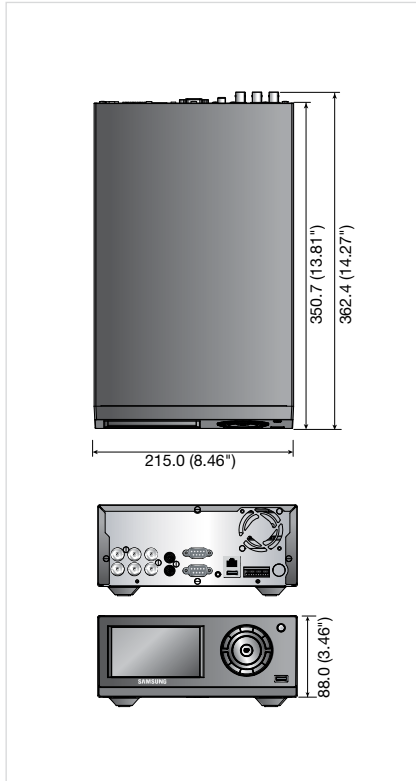


## Specifications

SRD-442		
<b>DISPLAY</b>		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
Live	Frame Rate	NTSC : 120fps / PAL : 100fps
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Multi Screen Display	1 / 4 / SEQUENCE / PIP
Display	LCD	4.3" Built-in
<b>PERFORMANCE</b>		
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)
	Overwrite Modes	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, Back up, Motion
	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) Step forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with I-frame only
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)
Smart Phone	Max. Remote Users	Search 2 / Live unicast 4 / Live multicast 4
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
Storage	Monitoring	NET-i viewer, SmartViewer, Webviewer
	Platform	Android, iOS
Security	Protocol Support	RTP, RTSP, HTTP, CGI
	Max. Remote Users	Live 1
Interface	Internal HDD	Up to 2 SATA HDDs
	USB (Back up)	2 USB ports
Monitors	File Format (Back up)	BU (DVR player), EXE (Include player)
	Password Protection	1 Admin, 10 Group, 10 User per 1 group
Audio	Data Authentication	Watermark
	Inputs / Output	1 VGA (1024 x 768) / 1 BNC (Composite) selectable
Alarm	Spot Composite	Analog spot (1 BNC, Only VGA selectable)
	Inputs / Output	1CH line in / 1CH line out
Connections	Compression	G.711
	Sampling Rate	8KHz
GENERAL	Inputs / Output	Terminal 4 inputs (NO/NC) / Terminal 1 relay outputs (NC), Rating : 24V DC / 1A, 125V AC / 0.5A
	Remote Notification	Notification via e-mail
Electrical	Ethernet	1 RJ-45 10/100 Base-T
	Serial Interface	RS-485 (Half) for PTZ, System keyboard *Support for POS interface (VSI-Pro)
Environmental	USB	USB 2.0, 2 ports (Front / Rear)
	Dimensions (WxHxD)	215.0 x 88.0 x 350.7mm (8.46" x 3.46" x 13.81")
Mechanical	Application Support	Mouse, Remote controller
	Weight (With hard disks)	Approx. 3Kg (6.61 lb)
Language	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO
	Input Voltage / Current	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, Max. 36watt
Power Consumption	Power Consumption	Max. 15W (with 1x HDD)
	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH

## 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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