

# SRD-450

## 4CH CIF H.264 Digital Video Recorder

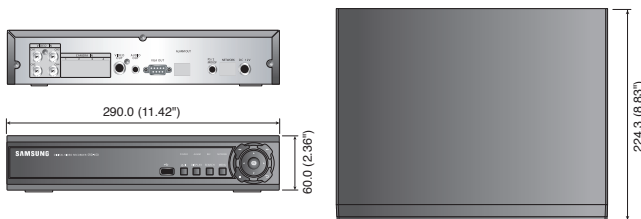


### Key Features

- 4CH CIF real-time DVR
- CIF resolution real-time recording capability (4CIF recording available)
- SATA HDD support (Internal Max. HDD x 1)
- Smart phone support

### Dimensions

Unit : mm (inch)



### Technical Specifications

		SRD-450
<b>DISPLAY</b>		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Frame Rate	NTSC : 120fps / PAL : 100fps
Live	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Multi Screen Display	1 / 4 / SEQUENCE
<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	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 / 2 / 3 / 7 / 15 / 30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 / 2 / 3 / 7 / 13 / 25fps)
Overwrite Modes	Continuous	
	Pre-alarm	Up to 5sec (1, 2, 3, 4, 5sec)
	Post-alarm	Up to 180sec (5, 10, 15, 20, 30, 60, 120, 180sec)
Search & Playback	Search Mode	Date/Time, Event
	Playback Function	Fast forward / Backward (2x, 4x, 8x, 16x, 32x, 64x), Step forward / Backward (2x, 4x, 8x, 16x, 32x, 64x)
Network	Transmission Speed	CIF 120/100fps
	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	Up to 4 (Live 4 or Search 4)
	Protocol Support	TCP/IP, DHCP, DDNS, NTP, HTTP, RTSP
Smart Phone	Monitoring	Webviewer
	Smart Phone	i-Phone
	Protocol Support	RTSP, HTTP
Storage	Transmission Speed	Wi-Fi : CIF Max. 14fps (Single channel) / CIF Max. 3.5fps (Quad channel) 3G : CIF Max. 14fps (Single channel) / CIF Max. 3.6fps (Quad channel)
	Max. Remote Users	Live 1
	Internal HDD	Up to 1 SATA HDD
Security	USB (Back up)	USB stick memory only (Up to 20GB)
	File Format (Back up)	AVI
Security	Password Protection	8 User (1 Admin, 7 Manager and user, Only English with special character)
	Data Authentication	Watermark
<b>INTERFACE</b>		
Monitors	VGA	1 VGA (1024 x 768)
	Main Composite	1 BNC, 1.0 Vp-p, 75 ohm
Audio	Inputs / Output	4CH line in / 1CH line out
	Compression	ADPCM
	Sampling Rate	64KHz
Alarm	Inputs / Output	4CH, Pulled up to 5V via 10K Ohm / 1CH, Relay
	Remote Notification	Notification via e-mail (With 1CH snapshot JPEG image attached)
Connections	Ethernet	1 RJ-45 10/100 Base-T
	USB	USB 2.0, 2 ports
	Application Support	Mouse (Not included), Remote controller (Include) Upgrade - USB stick memory
<b>GENERAL</b>		
Electrical	Input Voltage / Current	12V DC adaptor, 3.3A, 100 ~ 240V AC, 50/60Hz
	Power Consumption	Max. 18.2W
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
Mechanical	Dimensions (WxHxD)	290.0 x 60.0 x 224.3mm (11.42" x 2.36" x 8.83")
	Weight (With hard disks)	Approx. 1.84Kg (4.06 lb)
Language		NTSC : Korean, Japanese, English, French, Spanish PAL : English, French, Spanish, German, Italian, Turkish, Russian