

# SRD-470D

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

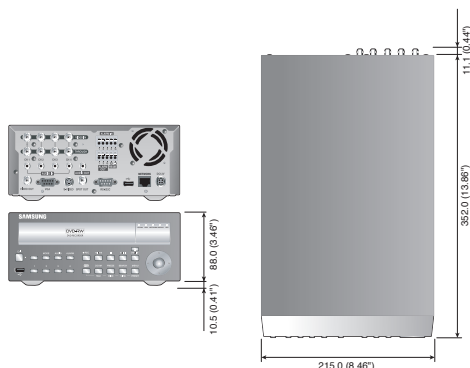


### Key Features

- 4CH 4CIF real-time DVR
- 4CIF resolution real-time recording capability
- SATA HDD support (Internal Max. HDD x 1)
- DVD-RW
- Support for smart phone

### Dimensions

Unit : mm (inch)



### Technical Specifications

		SRD-470D
<b>DISPLAY</b>		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm automatic termination
	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 / PIP
<b>PERFORMANCE</b>		
Operating System	Embedded	Linux
	Compression	H.264
Recording	Record Rate	NTSC : Up to 120fps@704 x 480 / PAL : Up to 100fps@704 x 576 NTSC : Up to 120fps@704 x 240 / PAL : Up to 100fps@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
Search & Playback	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 Mode	Date/Time, Event, Back up, Pos, Motion (*All search include preview function)
Network	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward
	Transmission Speed	CIF 120/100fps
	Bandwidth	Up to 6Mbps, Unlimited (6M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps
Smart Phone	Bandwidth Control	Selectable
	Stream	H.264 (4CIF / 2CIF / CIF selectable)
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
Storage	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
	Monitoring	NET-i viewer, SmartViewer, Webviewer
	Smart Phone	Android, i-Phone
Security	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
INTERFACE	Internal HDD	Up to 1 SATA HDDs
	DVD Writer (Back up)	Yes
	USB (Back up)	3 USB ports
Monitors	File Format (Back up)	AVI, BU (DVR player), EXE (Include player)
	Password Protection	1 Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function
	Data Authentication	Watermark
Audio	VGA	1 VGA (800 x 600, 1024 x 768, 1280 x 1024)
	Main Composite	1 BNC, 1.0 Vp-p, 75 ohm
	Spot Composite	Digital spot (1 BNC, 1 Vp-p, 75 ohm), support multi screen and camera title
Alarm	Loop Outputs	4
	Inputs / Output	4CH line in / 1 CH line out
	Compression	ADPCM
Connections	Sampling Rate	16KHz
	Inputs / Output	Terminal 4 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 125V AC / 0.5A
	Remote Notification	Notification via e-mail
GENERAL	Ethernet	1 RJ-45 10/100/1000 Base-T
	Serial Interface	RS-232/RS-485 for PTZ, Samsung system keyboard
	USB	USB 2.0, 2 ports
Electrical	Application Support	Mouse, Remote controller
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, Vicon
	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz, 55watt
Environmental	Power Consumption	Max. 36W (With 1x HDD)
	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
Mechanical	Dimensions (WxHxD)	215.0 x 88.0 x 352.0mm (8.46" x 3.46" x 13.86")
	Weight (With hard disks)	Approx. 3Kg (6.61 lb)
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)