

SAMSUNG

# High Definition & Easy Graphical User Interface

## 4Ch H.264 Real-time DVR



4CH H.264 Digital Video Recorder

# SRD-470/470D

- 4ch 4CIF real-time DVR
- Video (H.264) / Audio (ADPCM)
- CIF~4CIF Resolution real-time recording capability
- Up to 4ch audio inputs and 1ch audio output
- Combined BNC and VGA video output for main display (up to 1280 x 1024)
- SRD-470 : SATA I/F HDD support (Internal Max. HDD x 2)  
SRD-470D : SATA I/F HDD support (Internal Max. HDD x 1)
- HDD & DVD SATA interface, DDNS
- Built-in web viewer

# 4CH H.264 Digital Video Recorder

## SRD-470/470D



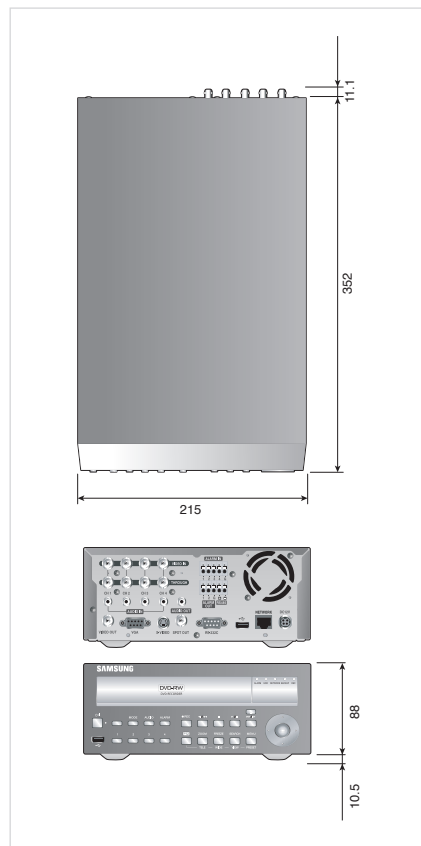
SRD-470



SRD-470D

### Dimensions

Unit : mm (inch)



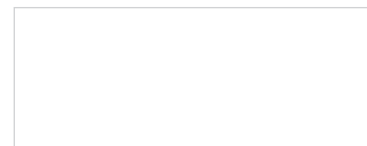
The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

### Specifications

	SRD-47	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 : 120ips / PAL : 100ips
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
	Record Rate	NTSC : Up to 120ips@704 x 480 / PAL : Up to 100ips@704 x 576 NTSC : Up to 120ips@704 x 240 / PAL : Up to 100ips@704 x 288 NTSC : Up to 120ips@352 x 240 / PAL : Up to 100ips@352 x 288
Recording	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30ips) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25ips)
	Overwrite Modes	Continuous
	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 & Playback	Search Mode	Date/Time, Event, Back up, Pos, Motion (*All searching mode include preview function)
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward
	Transmission Speed	Up to 4 Mbps, Unlimited (4M) 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps
	Bandwidth Control	Automatic
Network	Multi Stream	H.264 (4CIF / 2CIF / CIF)
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
	Monitoring	Net-i viewer, Smart viewer, Web viewer
	Internal HDD	Up to 2 SATA HDDs
	External HDD	N/A
Storage	DVD Writer (Back up)	N/A
	USB (Back up)	3 USB Ports
	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)
Security	Password Protection	1 Admin, 10 Group, 20 User per 1 Group, User can be assigned authority for function
	Data Authentication	Watermark
<b>INTERFACE</b>		
Monitors	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution
	HDMI	N/A
	Main Composite	BNC, 1 Vp-p, 75 ohm
	Spot Composite	1BNC, 1 Vp-p, 75 ohm, Support multi screen and camera title
	Loop Outputs	4
Audio	Inputs	4 Line in
	Output	1 Line
	Compression	ADPCM
	Sampling Rate	16KHz
Alarm	Inputs	Terminal 4 inputs, NO/NC
	Outputs	Terminal 4 relay outputs, NO/NC
	Remote Notification	Notification via e-mail
Connections	Ethernet	1 RJ-45 10/100/1000 Base-T
	Serial Interface	RS-232
	PTZ Control Interface	RS-485
	PTZ Keyboard	RS-485
	USB	USB 2.0, 2 ports
	eSATA	N/A
Communication	Application Support	Mouse, Remote controller
Protocols	Supported	Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, Phillips, AD, DIAMOND
GENERAL	PTZ Cameras	ERNA, KALATEL, VCL TP, VICON
Electrical	Input Voltage	100 ~ 240V AC ±10%, 50/60Hz
	Power Consumption	Max. 35 W (with 1x HDD) / Max. 45W (with 2x HDD)
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85%RH
Mechanical	Dimensions (WxHxD)	215 x 88 x 352 mm (8.46" x 3.46" x 13.86")
	Weight (2x Hard Disks)	Approx. 4.0Kg (8.82 lb)
	Rack Mount Kit	2ea
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)

Design and specifications are subject to change without notice.

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