



DVR

Samsung Security Solutions
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SRD-470/470D

4CH H.264 Digital Video Recorder



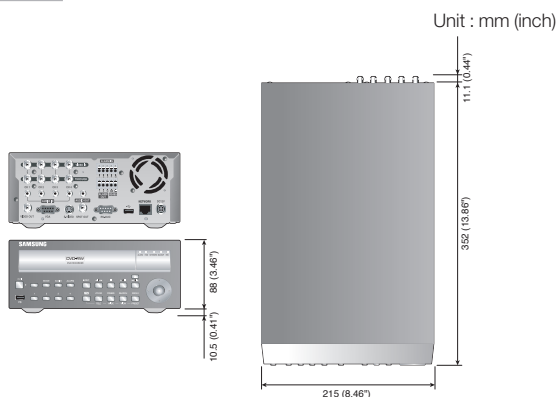
Features

- 4ch CIF real-time DVR
- Video (H.264) / Audio (ADPCM)
- CIF Resolution real-time recording capability (Full 4CIF resolution recording support)
- 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
- DVD R/W (SRD-470D)

Technical Specifications

		SRD-470	SRD-470D
DISPLAY			
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	
PERFORMANCE			
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	
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	
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 searching mode include preview function)	
Network	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	
Storage	Bandwidth Control	Automatic	
	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	Net-i viewer, Smart viewer, Web viewer	
	Internal HDD	Up to 2 SATA HDDs	Up to 1 SATA HDD
	External HDD	N/A	N/A
Security	DVD Writer (Back up)	N/A	Yes
	USB (Back up)	3 USB Ports	
INTERFACE	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)	
	Password Protection	1 Admin, 10 Group, 20 User per 1 Group, User can be assigned authority for function	
Monitors	Data Authentication	Watermark	
	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution	
Audio	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	
Alarm	Inputs	4 Line in	
	Outputs	1 Line	
Connections	Compression	ADPCM	
	Sampling Rate	16KHz	
Communication Protocols	Inputs	Terminal 4 inputs, NO/NC	
	Outputs	Terminal 4 relay outputs, NO/NC	
GENERAL	Remote Notification	Notification via e-mail	
	Ethernet	1 RJ-45 10/100/1000 Base-T	
Electrical	Serial Interface	RS-232	
	PTZ Control Interface	RS-485	
Environmental	PTZ Keyboard	RS-485	
	USB	USB 2.0, 2 ports	
Mechanical	eSATA	N/A	
	Application Support	Mouse, Remote controller	
Language	Supported	Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, Phillips, AD, DIAMOND	
	PTZ Cameras	ERNA, KALATEL, VCL TP, VICON	
Electrical	Input Voltage	100 ~ 240V AC \pm 10%, 50/60Hz	
	Power Consumption	Max. 35 W (with 1x HDD) / Max. 45W (with 2x HDD)	
Environmental	Operating Temperature	$+0^{\circ}\text{C} \sim +40^{\circ}\text{C}$ ($+32^{\circ}\text{F} \sim +104^{\circ}\text{F}$)	
	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)	
Language	Rack Mount Kit	2ea	
		English, Korean, Spanish, French, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Czech, Swedish, Danish, Chinese, Netherlands	

Dimensions



* Design and specifications are subject to change without notice.