

SRD-443

4CH CIF Real-time Compact Design DVR

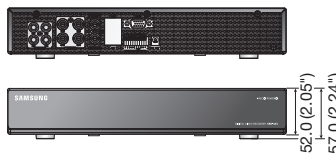
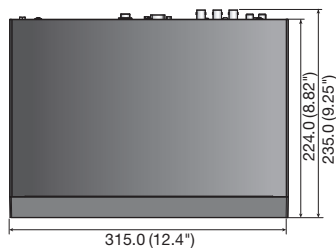


Key Features

- 4CH CIF real-time DVR
- Up to 120(NTSC) / 100(PAL)fps recording rate
- VGA / Composite video output
- Max. 1 internal HDD
- Smart phone support (Android / iOS)
- Smart searching, Tampering detection

Dimensions

Unit : mm (inch)



		SRD-443
DISPLAY		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm
	Resolution	NTSC : 720 x 480 / PAL : 720 x 576
Live	Frame Rate	NTSC : 120fps / PAL : 100fps
	Resolution	NTSC : 720 x 480 / PAL : 720 x 576
	Multi Screen Display	1 / 4 / Sequence / PIP
PERFORMANCE		
Operating System	Embedded	Linux
Recording	Compression	H.264
	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 / PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post)
	Event	Video loss, Motion (Level 1 ~ 10), Alarm
	Overwrite Modes	Selectable (Stop / Continuous)
	Pre-alarm	Up to 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, POS, Motion (*All search included preview function) 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)
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)
	Max. Remote Users	Search 2 / Live unicast 4 / Live multicast 20
Smart Phone	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
	Monitoring	SmartViewer, Webviewer, SSM (CMS)
	Platform	Android, iOS
Storage	Protocol Support	RTP, RTSP, HTTP, CGI
	Max. Remote Users	Live 2, Search 1
	Internal HDD	Up to 1 SATA HDD
Security	USB (Back up)	2 USB ports
	File Format (Back up)	BU (DVR player), EXE (Include player), AVI
	Password Protection	1 Admin, 10 Group, 10 User per 1 group
Interface	Data Authentication	Watermark
INTERFACE		
Monitors	VGA	1 VGA (1024 x 768) *Main composite or VGA selected in booting
	Main Composite	1 BNC (1 Vpp, 75 ohm)
	Spot Composite	Analog spot (1 BNC, 1 Vpp, 75 ohm)
Audio	Inputs / Output	4CH line in / 1CH line out
	Compression	G.711
	Sampling Rate	8KHz
Alarm	Inputs / Output	Terminal 4 inputs (NO/NC) / Terminal 1 relay outputs (NO), Rating : 24V DC / 1A, 125V AC / 0.5A
	Remote Notification	Notification via e-mail
Connections	Ethernet	1 RJ-45 10/100 Base-T
	Serial Interface	RS-485 (Half) for PTZ, System keyboard
	USB	USB 2.0, 2 ports
	Application Support	Mouse, Remote controller
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO
GENERAL		
Electrical	Input Voltage / Current	12V DC adaptor, 2A, 100 ~ 240V AC, 50/60Hz, Max. 24watt
	Power Consumption	Max. 19.6W (with 1x HDD)
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	20% ~ 85% RH
Mechanical	Dimensions (WxHxD)	315.0 x 52.0 x 224.0mm (12.4" x 2.05" x 8.82")
	Weight (With hard disks)	Approx. 1.6Kg (3.53 lb)
Language		English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Rumania, Serbia, Croatia, Hungary, Greek, Finnish, Norwegian, Korean, Japanese, Chinese (Traditional), Thai, Taiwanese (25 Language)

* Coaxial communication not supported

* The latest product information / specification can be found at www.samsungsecurity.com