SRD-473D

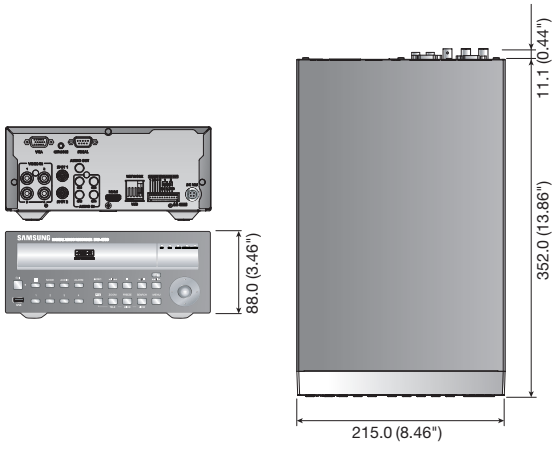
4CH 960H Real-time DVR

Key Features

- 4CH 4CIF real-time DVR
- Max. resolution of 928 x 480 / 928 x 576
- Up to 120(NTSC) / 100(PAL)fps recording rate
- HDMI / VGA video output
- Max. 1 internal HDD
- DVD-RW, Smart phone support (Android / iOS)
- Smart searching, Tampering detection

Dimensions

Unit : mm (inch)



		SRD-473D
DISPLAY		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm automatic termination
	Resolution	NTSC : 928 x 480, 704 x 480 / PAL : 928 x 576, 704 x 576
Live	Frame Rate	NTSC : 120fps / PAL : 100fps
	Resolution	NTSC : 928 x 480, 704 x 480 / PAL : 928 x 576, 704 x 576
	Multi Screen Display	1 / 4 / Sequence / PIP
PERFORMANCE		
Operating System	Embedded	Linux
Recording	Compression	H.264
	Record Rate	NTSC : Up to 120fps@928 x 480 / PAL : Up to 100fps@928 x 576 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 (1~30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 25fps)
	Event	Video loss, Motion (Level 1 ~ 10), Alarm, Tampering (Level 1 ~ 3)
	Overwrite Modes	Selectable (Stop / 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 search include 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) Step forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with i-frame only
Network (IPv4)	Transmission Speed	4CIF / 2CIF / CIF (NTSC : 120fps, PAL : 100fps)
	Bandwidth	Up to 32Mbps
	Bandwidth Control	Selectable
	Stream	H.264 (4CIF / 2CIF / CIF selectable)
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
	Protocol Support	TCP/IP, UDP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
	Monitoring	SmartViewer, Webviewer, SSM (CMS)
Smart Phone	Platform	Android, iOS
	Protocol Support	RTP, RTSP, HTTP, CGI
	Max. Remote Users	Live 2, Search 1
Storage	Internal HDD	Up to 1 SATA HDD
	DVD Writer (Back up)	Yes
	USB (Back up)	2 USB ports
	File Format (Back up)	BU (DVR player), EXE (Include player), AVI
Security	Password Protection	1 Admin, 10 Group, 10 User per 1 group
	Data Authentication	Watermark
INTERFACE		
Monitors	VGA	1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080)
	HDMI	1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080)
	Spot Composite	Digital spot (2CH) *Incldued OSD on screen, Multi mode support (1CH)
Audio	Inputs / Output	4CH line in / 1CH line out
	Compression	G.711
	Sampling Rate	8KHz
Alarm	Inputs / Output	Terminal 4 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 250V AC / 0.25A
	Remote Notification	Notification via e-mail
Connections	Ethernet	1 RJ-45 10/100/1000 Base-T
	Serial Interface	RS-232/RS-485 (Half duplex) for PTZ, Samsung system keyboard
	USB	USB 2.0, 2 ports
	Application Support	Mouse, Remote controller
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE
GENERAL		
Electrical	Input Voltage / Current	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, 55watt
	Power Consumption	Max. 20W (With 1x HDD)
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)
	Operating Humidity	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. 3.7Kg (8.16 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