

SRD-440

4CH CIF H.264 Digital Video Recorder

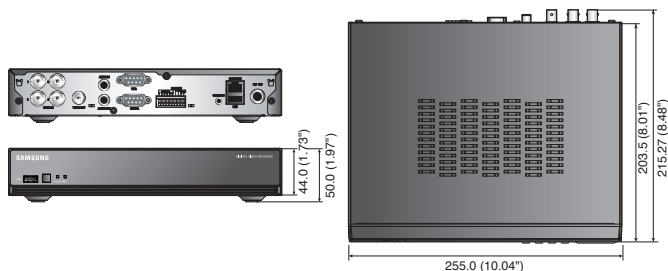


Key Features

- 4CH CIF real-time DVR
- CIF resolution real-time recording capability (4CIF recording available)
- SATA I/F HDD support (Internal Max. HDD x 1)
- Smart phone support

Dimensions

Unit : mm (inch)



Technical Specifications

		SRD-440
DISPLAY		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm
	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 / 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
	Mode	NTSC : Up to 120fps@352 x 240 / PAL : Up to 100fps@352 x 288
		Manual, Schedule (Continuous / Event), Event (Pre / Post)
Overwrite Modes		Continuous
Pre-alarm		Up to 5sec (1, 2, 3, 4, 5sec)
Search & Playback	Post-alarm	Up to 6 hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)
	Search Mode	Date/Time, Event, Back up, Motion
	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)	Step forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with I-frame only	
	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	4 Persons (Search up to 2, Live unicast / live multicast available)
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
Smart Phone	Monitoring	Webviewer
	Smart Phone	Android, i-Phone (iPad included)
	Protocol Support	RTP, RTSP, HTTP, CGI
	Transmission Speed	CIF Max. 15fps (Single channel) / CIF Max. 2fps (Quad channel)
Storage	Max. Remote Users	Live 1
	Internal HDD	Up to 1 SATA HDD
	USB (Back up)	2 USB ports
Security	File Format (Back up)	BU (DVR player), EXE (Include player)
	Password Protection	1 Admin, 10 Group, 10 User per 1 group
	Data Authentication	Watermark
INTERFACE		
Monitors	VGA	1 VGA (1024 x 768) *Main composite selectable
	Main Composite	1 BNC (1 Vp-p, 75 ohm) / Analog spot (1 BNC, 1 Vp-p, 75 ohm) selectable
	Inputs / Output	1CH line in / 1CH line out
Audio	Compression	G.711 ULAW (8KHz, 16Bit)
	Sampling Rate	8KHz
Alarm	Inputs / Output	Terminal 4 inputs (NO/NC) / Terminal 1 relay outputs (NO/NC), 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 *Support for POS interface (VSI-Pro)
	USB	USB 2.0, 2 ports (Front / Rear)
	Application Support	Mouse, Remote controller
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, GE, VCL TP, Vicon, ELMO
GENERAL		
Electrical	Input Voltage / Current	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, 48watt
	Power Consumption	Max. 10W (with 1x HDD)
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
Mechanical	Dimensions (WxHxD)	255.0 x 44.0 x 203.5mm (10.04" x 1.73" x 8.01")
	Weight (With hard disks)	Approx. 1.6Kg (3.53 lb)
Language		Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Rumanian, Serbian, Croatian, Hungarian, Greek (22 Language)