Easy and Convenient

Compact 4CH H.264 DVR

4CH H.264 Digital Video Recorder

SRD-440

The SRD-440 is newly released 4CH compact DVR which provides both high functionalities for professional security and enhanced user interface. As well as the ability to record real-time images across all four channels at CIF resolution, the SRD-440 also affords the user the opportunity to record in resolutions up to 4-CIF over selected channels. Easy GUI (Graphical User Interface) provides convenient operation for setting, recording, and a set of search & playback functions. 4CH live monitoring through Smartphone is also possible with Samsung iPOLiS application. With 500GB on-board storage as standard and with a built-in USB slot for quick and easy video back-up, the SRD-440 features high level H.264 compression to ensure superb picture quality whilst minimising hard drive space and bandwidth requirements. The SRD-440 is the ideal recording solution for users looking to match economy with professional performance and it is suitable for applications such as monitoring small offices and retail outlets.

- Up to 120 (NTSC) / 100 (PAL)fps recording rate at CIF resolution
- Full 4CIF resolution recording support
- De-interlace function for clear edge of moving object
- 1ch audio input and 1ch audio output
- Video (H.264) / Audio (G.711)

4CH H.264 Digital Video Recorder

SRD-440

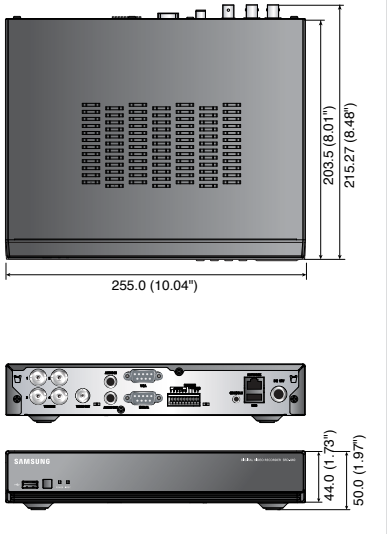
4CH | H.264 | 120fps(N) 100fps(P) | CMS | Smart Phone

Specifications

		SRD-440
DISPLAY		
Video	Inputs	4 Composite video 0.5-1 Vpp, 75 ohm
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
Live	Frame Rate	NTSC : 120fps / PAL : 100fps
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576
	Multi Screen Display	1 / 4 / SEQUENCE / PIP
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264
Recording	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	Manual, Schedule (Continuous / Event), Event (Pre / Post)
	Overwrite Modes	Continuous
	Pre-alarm	Up to 5sec (1, 2, 3, 4, 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, 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) Step forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with I-frame only
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	CIF (H.264)
	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
	Monitoring	Web viewer, CMS (SmartViewer, NET-i)
Smart Phone	Smart Phone	Android, i-Phone
	Protocol Support	RTP, RTSP, HTTP, CGI
	Transmission Speed	CIF Max. 15fps (Single channel) / CIF Max. 2fps (Quad channel)
	Max. Remote Users	Live 1
Storage	Internal HDD	Up to 1 SATA HDDs
	USB (Back up)	2 USB ports
	File Format (Back up)	BU (DVR player), EXE (Include player)
Security	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
Audio	Inputs / Output	1CH line in / 1CH line out
	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. 36W (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. 1.6 kg (3.53 lb)
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)

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.

Design and specifications are subject to change without notice.

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