SAMSUNG **SAMSUNG TECHWIN**

16CH/8CH
960H Real-time Compact DVR
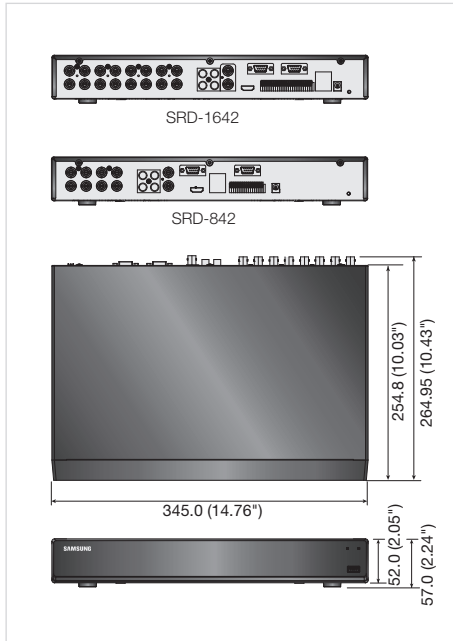
SRD-1642/842

16CH/8CH 960H Real-time Compact Design Coaxial DVR

- 16CH/8CH 960H Real-time DVR
  - Up to 480(N) / 400(P)fps recording rate (SRD-1642)
  - Up to 240(N) / 200(P)fps recording rate (SRD-842)
- Easy user interface, common across all Samsung DVRs
  - GUI / Search / Back up / Set-up
- Set independently for each channel - REC / Quality / Resolution
- Privacy mask support each channel (4ea)
- Convenient network monitoring
  - Web viewer, SSM, SmartViewer, iPOLiS smart phone app
- USB (2ports) back up

SRD-1642/842

		SRD-1642	SRD-842
DISPLAY			
Video	Inputs	16 composite video 0.5–1 Vpp, 75 ohm	8 composite video 0.5–1 Vpp, 75 ohm
	Resolution	NTSC : 960 x 480, 720 x 480 / PAL : 960 x 576, 720 x 576	
Live	Frame Rate	NTSC : 480fps / PAL : 400fps	NTSC : 240fps / PAL : 200fps
	Resolution	NTSC : 720 x 480 / PAL : 720 x 576	
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / Sequence / PIP	1 / 4 / 6 / 8 / Sequence / PIP
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 480fps@960 x 480 / PAL : Up to 400fps@960 x 576 NTSC : Up to 480fps@704 x 480 / PAL : Up to 400fps@704 x 576 NTSC : Up to 480fps@704 x 240 / PAL : Up to 400fps@704 x 288 NTSC : Up to 480fps@352 x 240 / PAL : Up to 400fps@352 x 288	NTSC : Up to 240fps@960 x 480 / PAL : Up to 200fps@960 x 576 NTSC : Up to 240fps@704 x 480 / PAL : Up to 200fps@704 x 576 NTSC : Up to 240fps@704 x 240 / PAL : Up to 200fps@704 x 288 NTSC : Up to 240fps@352 x 240 / PAL : Up to 200fps@352 x 288
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post)	
	Event	Video loss, Motion (Level 1 ~ 10), Alarm	
	Overwrite Modes	Continuous, Selectable (Stop / Continuous)	
	Pre-alarm	Up to 5sec	
	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 (Alarm / Motion), Back up, POS (*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)	
Network	Transmission Speed	CIF (NTSC : 480fps, PAL : 400fps)	
	Bandwidth	Up to 32Mbps, Unlimited (8M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps	Up to 16Mbps, Unlimited 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, SNMP	
	Monitoring	Webviewer, CMS (SmartViewer, Net-I)	
Smart Phone	Platform	Android, iOS	
	Protocol Support	RTP, RTSP, HTTP, CGI	
	Max. Remote Users	Live 1	
Storage	Internal HDD	Up to 2 SATA HDDs	
	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 (1CH) *Inclduced OSD on screen, multi mode support	
Audio	Inputs / Output	4CH line in / 1CH line out	
	Compression	G.711	
	Sampling Rate	8KHz	
Alarm	Inputs / Output	Terminal 16 inputs (NO/NC) / Terminal 2 relay outputs (NO), Rating : 24V DC / 1A, 125V AC / 0.5A	Terminal 8 inputs (NO/NC) / Terminal 2 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, RS-232 support for POS interface (VSI-pro)	
	USB	USB 2.0, 2 ports (Front)	
	Application Support	Mouse, Remote controller	
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]	
GENERAL			
Electrical	Input Voltage / Current	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz, 48watt	
	Power Consumption	Max. 19W (With 1x HDD)	
Environmental	Operating Temperature	+0°C ~ +40°C (+32°F ~ +104°F)	
	Operating Humidity	20% ~ 85% RH	
Mechanical	Dimensions (WxHxD)	345.0 x 52.0 x 254.8mm (14.76" x 2.05" x 10.03")	
	Weight (With hard disks)	Approx. 2.38Kg (5.25 lb)	Approx. 2.31Kg (5.09 lb)
	Rack Mount Kit	2ea	
Language		Korean, Japanese, Chinese (Traditional), English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Romanian, Serbian, Croatian, Hungarian, Greek, Finnish, Norwegian, Taiwanese (25 Language)	

Dimensions

Unit : mm (inch)

SRD-1642

SRD-842

254.8 (10.03")
264.95 (10.43")

345.0 (14.76")

52.0 (2.05")
57.0 (2.24")

Design and specifications are subject to change without notice.

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