

# 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

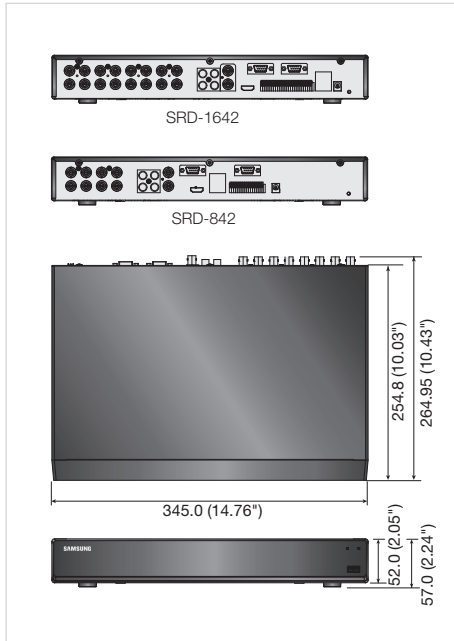


# SRD-1642/842



## Dimensions

Unit : mm (inch)



	SRD-1642	SRD-842		
<b>DISPLAY</b>				
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	
<b>PERFORMANCE</b>				
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		
Smart Phone	Monitoring	Webviewer, CMS (SmartViewer, Net-I)		
	Platform	Android, iOS		
	Protocol Support	RTP, RTSP, HTTP, CGI		
Storage	Max. Remote Users	Live 1		
	Internal HDD	Up to 2 SATA HDDs		
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		
	Data Authentication	Watermark		
<b>INTERFACE</b>				
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)		
Audio	Spot Composite	Digital spot (1CH) *Included OSD on screen, multi mode support		
	Inputs / Output	4CH line in / 1CH line out		
	Compression	G.711		
Alarm	Sampling Rate	8KHz		
	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	
Connections	Remote Notification	Notification via e-mail		
	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)]		
<b>GENERAL</b>				
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)		



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### SAMSUNG TECHWIN CO., LTD.

6, Pangyo-ro 319beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, SEOUL 463-400 Rep. of KOREA  
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com  
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**SAMSUNG TECHWIN AMERICA INC.**  
100 Challenger Rd, Suite 700 Ridgeland Park, NJ 07660  
Tel : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124

**SAMSUNG TECHWIN EUROPE LTD.**  
2nd Floor, No. 5 The Heights, Brooklands, Weybridge,  
Surrey, KT13 0NY, UK  
Tel : +44-1932-82-6700 Fax : +44-1932-82-6701

**SHANGHAI SAMSUNG TECHWIN CO., LTD.**  
32F, Blk B, International Business Center,  
No. 391 Guiping Rd., Shanghai, China, 200233  
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



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