

# SRD-1642

16CH 960H Real-time Compact Design Coaxial DVR

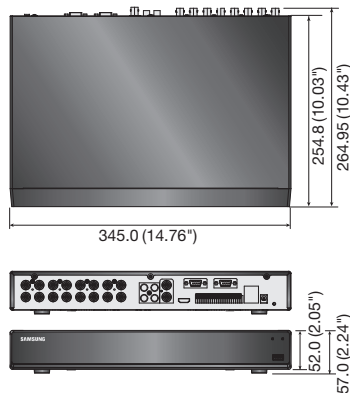


## Key Features

- 16CH 4CIF real-time DVR
- Up to 480(NTSC) / 400(PAL)fps recording rate
- HDMI / VGA video output
- Max. 2 internal HDDs
- PTZ control via coaxial cable (Samsung CCVC, Pelco-C)
- Smart phone support (Android / iOS)
- Compact product footprint

## Dimensions

Unit : mm (inch)



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DISPLAY		
Video	Inputs	16 composite video 0.5-1 Vpp, 75 ohm
	Resolution	NTSC : 928 x 480, 704 x 480 / PAL : 928 x 576, 704 x 576
Live	Frame Rate	NTSC : 480fps / PAL : 400fps
	Resolution	NTSC : 928 x 480, 704 x 480 / PAL : 928 x 576, 704 x 576
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / Sequence / PIP
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264
Recording	Record Rate	NTSC : Up to 480fps@928 x 480 / PAL : Up to 400fps@928 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
	Mode	NTSC / PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post)
	Event	Video loss, Motion (Level 1 ~ 10), Alarm
	Overwrite Modes	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
Network (IPv4)	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)
	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
	Bandwidth Control	Automatic
	Stream	H.264 (CIF)
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
Smart Phone	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP
	Monitoring	Webviewer, CMS (SmartViewer, Net-I)
	Platform	Android, iOS
Storage	Protocol Support	RTP, RTSP, HTTP, CGI
	Max. Remote Users	Live 2, Search 1
	Internal HDD	Up to 2 SATA HDDs
Security	USB (Backup)	2 USB ports
	File Format (Backup)	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) *Included 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
	Remote Notification	Notification via e-mail
	Ethernet	1 RJ-45 10/100 Base-T
Connections	Serial Interface	RS-485 (Half) for PTZ, System keyboard, RS-232 support for POS interface (VSI-pro)
	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
	Coax Protocol	Samsung CCVC, Pelco-C
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)
	Rack Mountable	Yes
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)	

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)