



SAMSUNG

# Enhanced functionalities, with Full HD video out

16CH, Real-Time @ CIF resolution



## 16CH CIF Real-time H.264 Digital Video Recorder SRD-1653D

The next generation of Samsung's legendary SRD DVR products add Full HD 1080p HDMI video out, support for 650TV lines analog cameras, and a sleek touch sensitive front panel, while retaining the familiar and easy to use graphical interface, smartphone support, coaxitron, tampering detection, and E-mail alerts. The SRD-1653D supports recording and playback up to 960 x 480 resolution. Network bandwidth has also been increased for robust remote viewing at high resolutions.

- 16CH, Real-Time @ CIF
- Max. resolution of 960 x 480
- Touch interface front panel
- Coaxitron support
- Smart phone support (Android/iOS)
- Full HD 1080p video out via HDMI
- 16CH audio inputs/1CH audio output
- Max. 4 internal HDDs
- Smart searching, Tampering detection
- Enhanced Network Bandwidth up to 32Mbps

# 16CH CIF Real-time H.264 Digital Video Recorder

## SRD-1653D



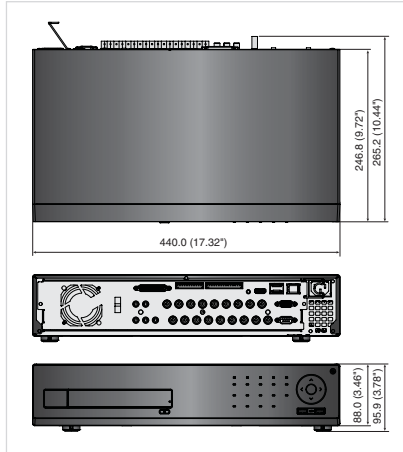
### Specifications



SRD-1653D			
Video	Inputs	16 composite video 0.5-1 Vpp, 75 ohm automatic termination	
	Resolution	NTSC : 960 x 480, 720 x 480 / PAL : 960 x 576, 720 x 576	
Live	Frame Rate	NTSC : 480fps / PAL : 400fps	
	Resolution	NTSC : 960 x 480, 720 x 480 / PAL : 960 x 576, 720 x 576	
	Multi Screen Display	1/4/7/9/13/16/16A/PIP/Sequence	
<b>PERFORMANCE</b>			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 120fps @ 960x480 / PAL : Up to 100fps @ 960x576 NTSC : Up to 120fps @ 704x480 / PAL : Up to 100fps @ 704x576 NTSC : Up to 240fps @ 704x240 / PAL : Up to 200fps @ 704x288 NTSC : Up to 480fps @ 352x240 / PAL : Up to 400fps @ 352x288	
	Mode	NTSC : Manual, Schedule (Continuous/Event), Event (Pre/Post), Time lapse (1-30 fps) PAL : Manual, Schedule (Continuous/Event), Event (Pre/Post), Time lapse (1-25 fps)	
	Event	Video Loss, Motion(Level 1-10), Alarm, Tampering (Level 1-3)	
	Overwrite Modes	Continuous	
Search & Playback	Pre-alarm	Up to 30 sec (5,10,20,30 Sec)	
	Post-alarm	Up to 6 hour (5,10,20,30 sec,1,3,5,10,20 min,1,2,3,4,5,6 hour)	
	Search Mode	Date/time, Event, Back up, POS, Motion (* All search include preview function)	
	Playback Function	Fast Forward/Backward (x2,x4,x8,x16,x32,x64) * Backward Play with I-frame Only, Slow Forward/Backward (x1/2,x1/4,x1/8) Step Forward/Backward (x2, x4,x8,x16,x32,x64) * Backward Play with I-frame Only	
Network (IPv4)	Transmission Speed	4CIF/2CIF/CIF (120/240/480fps NTSC, 100/200/400fps PAL)	
	Bandwidth	Up to 32Mbps	
	Bandwidth Control	Selectable	
	Stream	H.264 (4CIF/2CIF/CIF Selectable)	
Smart phone	Max. Remote Users	Search(3)/Live Unicast(10)/Live Multicast(20)	
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP	
	Monitoring	Net-I Viewer, Smart viewer, Webviewer	
	Platform	Android, iOS	
Storage	Protocol Support	RTP, RTSP, HTTP, CGI	
	Max. Remote Users	Live(1)	
	Internal HDD	Up to 4 SATA HDDs	
	External (e-SATA Interface)	Up to 2 expansion bay (* Model : SVS-5R/5E)	
Security	DVD Writer (Back up)	Yes	
	USB (Back up)	2 USB Ports	
	File Format (Back up)	BU (DVR Player), EXE (Include Player)	
INTERFACE	Password Protection	1 Admin, 10 Group , 10 User per 1 Group	
	Data Authentication	Watermark	
	Monitors	VGA	1 VGA (1280x720, 1280x1024, 1920x1080)
		HDMI	1 HDMI (1280x720, 1280x1024, 1920x1080)
Spot (Composite)		Digital spot (2CH) * Included OSD on screen, Multi mode support(1CH)	
Audio	Inputs/Output	16CH line in (Built in 4CH, Option : Audio extension cable) / 1CH line out	
	Compression	G.711	
	Sampling Rate	8KHz	
Alarm	Inputs/Outputs	Terminal 16 Inputs (NO/NC) / Terminal 4 relay Outputs (NO/NC), Rating : 30V DC/2A, 250V AC/0.25A	
	Remote Notification	Notification via e-mail	
Connections	Ethernet	1 RJ45 10/100/1000 Base-T	
	Serial Interface	RS-232/RS-485 for PTZ, Samsung System Keyboard	
	USB	USB 2.0, 2 ports	
	e-SATA	2 External SATA ports	
GENERAL	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))	
Electrical	Input Voltage/Current	100 to 240 VAC ±10%; 50/60 Hz, Autoranging	
	Power Consumption	Max. 60 W (with 1x HDD)	
Environmental	Operating Temperature/Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH	
	Dimension (W x H x D)	440 x 88 x 246.8 (17.32" x 3.46" x 9.72")	
Mechanical	Weight (With hard disks)	Approx. 5.2 kg (11.46 lb)	
	Rack Mount Kit	2 EA	
Language		Korean, Japanese, Chinese (Simplified / Traditional), English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Romanian, Serbian, Croatian, Hungarian, Greek, Chinese, Finnish, Norwegian (25 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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