

# Matching your requirements. General purpose digital recording solution



## 16CH H.264 Digital Video Recorder

# SRD-1630/1630D/1630DC

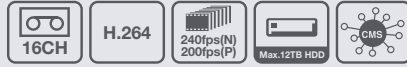


Forming part of the SRD series of Digital Video Recorders (DVRs), the SRD-1630 range provides users with an general purpose 16 channel recording solution that has been designed to perfectly match the functionality and budget requirements for a host of professional security applications. Providing real-time live view and higher selectable recording rates across all channels, users are able to record at higher frame rates than the entry-level SRD-1610 range; up to 240/200 (NTSC/PAL) fps at CIF resolution, 120/100 fps at 2-CIF resolution and 60/50 fps at 4-CIF resolution. Besides its flexible recording capacity, like all SRD series DVRs the SRD-1630 range utilises Samsung's high level H.264 compression to ensure superb quality, whilst minimising hard drive space and bandwidth requirements. Options include a built-in DVD drive (SRD-1630D) and coaxial control compatibility (SRD-1630DC).

- Up to 240 (NTSC) / 200 (PAL)fps recording rate
- Up to 4ch audio inputs and 1ch audio outputs
- SRD-1630 : Max. 6 internal HDD (HDD x 6)  
SRD-1630D(C) : Max. 5 internal HDD (HDD x 5)
- SRD-1630D(C) : DVD-RW backup support
- SRD-1630DC : PTZ control via coaxial cable
- Video (H.264) / Audio (ADPCM)

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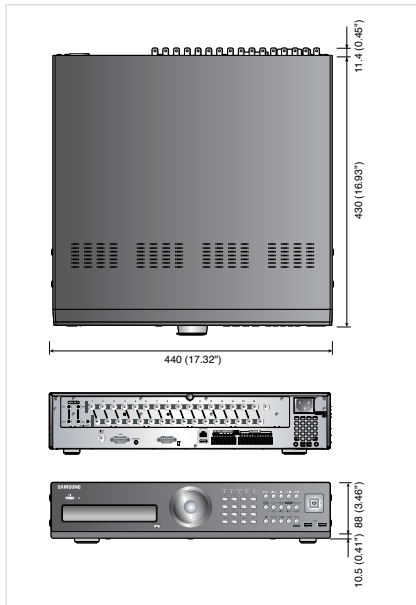


## Specifications

		SRD-1630	SRD-1630D	SRD-1630DC
<b>DISPLAY</b>				
Video	Inputs	16 composite video 0.5-1 Vpp, 75 ohm automatic termination		
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576		
	Frame Rate	NTSC : 480fps / PAL : 400fps		
Live	Resolution	NTSC : 704 x 480 / PAL : 704 x 576		
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP		
<b>PERFORMANCE</b>				
Operating System	Embedded	Linux		
	Compression	H.264		
Recording	Record Rate	NTSC : Up to 60fps@704 x 480 / PAL : Up to 50fps@704 x 576		
		NTSC : Up to 120fps@704 x 240 / PAL : Up to 100fps@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), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25fps)		
Search & Playback	Overwrite Modes	Continuous		
	Pre-alarm	Up to 30sec (5, 10, 20, 30sec)		
	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, Back up, Pos, Motion (*All search mode include preview function)		
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward		
Network	Transmission Speed	Up to 4Mbps, Unlimited 4M / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps		
	Bandwidth Control	Automatic		
	Stream	H.264 (4CIF / 2CIF / CIF selectable)		
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20		
Storage	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP		
	Monitoring	Net-i viewer, Smart viewer, Web viewer		
	Internal HDD	Up to 6 SATA HDDs		Up to 5 SATA HDDs
Storage	DVD Writer (Back up)	N/A		Yes
	USB (Back up)	3 USB ports		
Security	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)		
	Password Protection	1 Admin, 10 group, 20 user per 1 group, User can be assigned authority for function		
Security	Data Authentication	Watermark		
	<b>INTERFACE</b>			
Monitors	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution		
	Main Composite	BNC, 1.0 Vp-p, 75 ohm		
	Spot Composite	1 BNC, 1.0 Vp-p, 75 ohm, Support multi screen and camera title		
Audio	Loop Outputs	16		
	Inputs/Output	4 Line in / 1 Line out		
Alarm	Compression	ADPCM		
	Sampling rate	16KHz		
	Inputs / Outputs	Terminal 16 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC/2A, 125V AC/0.5A		
Connections	Remote notification	Notification via e-mail		
	Ethernet	1 RJ-45 10/100/1000 Base-T		
	Serial interface	RS-232/RS-485 for PTZ, System keyboard		
	USB	USB 2.0, 3 ports		
Connections	Application Support	Mouse, Remote controller		
	Protocol support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, Vicon * SRD-1630DC : PTZ Control via Coaxial Cable (Samsung CCVC, Pelco-C (Coaxitron))		
<b>GENERAL</b>				
Electrical	Input Voltage/Current	100 to 240V AC ±10%, 50/60Hz, Auto ranging		
	Power consumption	Max. 35W (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 430mm (17.32" x 3.46" x 16.93")		
Mechanical	Weight (With hard disks)	Approx. 7.3Kg (16.09 lb)		
	Rack mount kit	2ea		
Language		English, Spanish, French, German, Italian, Portuguese, Polish, Russian,		
		Turkish, Japanese, Czech, Swedish, Danish, Korean, Chinese, Netherlands		

## 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.

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