SDR-1630D

16CH, H.264, 60fps@ D1, DVD

Summary

Providing broadest range of features, including the most robust H.264 compression method , up to 10TB of massive storage capacity inside, audio recording, diverse search methods, and DVR-to-Client architecture, Samsung's SRD offers optimum performance for digital video recording solution.
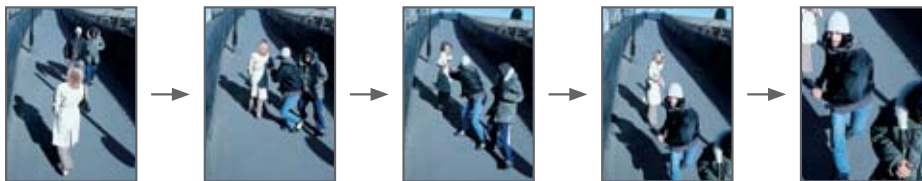
Features

- 16ch DVR
- Video (H.264) / Audio (ADPCM)
- Up to 240 FPS recording rate
- Up to 4ch audio inputs and 1ch audio output
- Combined BNC and VGA video output for main display (up to 1280 x 1024)
- SRD-1630D : MAX 5 internal HDD (HDD x 5)

- HDD & DVD SATA interface
- DDNS
- Built-in web viewer
- DVD R/W
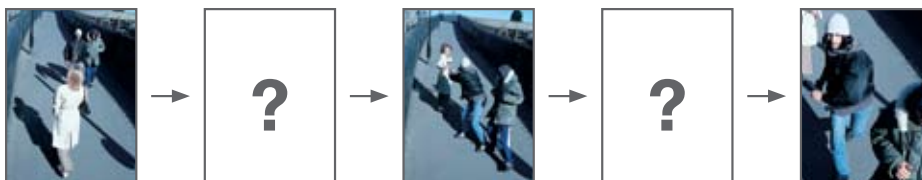- Event notifications by E –mail

H.264

Using the H.264 standard for video compression, SAMSUNG cameras capture exceptionally crisp motion while cutting the file size by up to 50%. This means saving money on storage without sacrificing in video quality.

H.264   Standard

Full D1 Real-time Frame Rate

60 frame/sec @ D1 Resolution

Competition

SRD-1630D

SDR-1630D

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Specifications

Video	Inputs	16 composite video 0.5–1 Vpp, 75 ohm automatic termination
	Resolution	704x480 NTSC
Live	Frame rate	480FPS NTSC
	Resolution	704x480 NTSC
	Multi Screen display	1/4/6/8/9/13/16/PIP

Performance

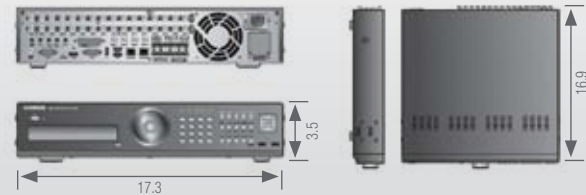|		
Operating System	Embedded	Linux
Recording	Compression	H.264
	Record Rate/NTSC	Up to 60FPS @ 704x480
		Up to 120FPS @ 704x240
		Up to 240FPS @ 352x240
	Mode/NTSC	Manual, Schedule (Continuous/Event), Event(Pre/Post), Time lapse (0.9/1.9/3.8/7.5/15 FPS)
	Mode/PAL	Manual, Schedule (Continuous/Event), Event(Pre/Post), Time lapse (0.8/1.6/3.1/6.2/12.5 FPS)
	Overwrite modes	Continuous
	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,1,2,3,4,5,6hour)
Search & Playback	Search mode	Date/time, Event, Back up, Pos, Motion (*All Search Included Prview Function)
	Playback function	Fast Forward/Backward , Slow Forward/Backward , Step Forward/Backward
Network	Transmission speed	Up to (4)Mbps, Unlimited(4M)/2/1.5/1 Mbps/800/600/500/400/300/200/100/50 kbps
	Bandwidth control	Automatic
	Multi Stream	H.264(4CIF/CIF)
	Remote users Maximum	Search(3)/Live Unicast(10)/Live Multicast(20)
	Protocol support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
	Monitoring	Net-I Viewer, SVM-S1, Smart viewer, Webviewer
Storage	Internal HDD	MAX 5 internal HDD (HDD x 5)
	External HDD	Up to 2 expansion bay(up to 4 HDD each)
	DVD Writer (Back-up)	YES
	USB (Back-up)	3 USB Ports
	File Format (Back-up)	AVI, MDB(DVR Play back), EXE(Include Player)
Security	Password Protection	1Admin, 10 Group , 20 User per 1 Group, User can be assigned authority for function
	Data Authentication	Watermark

Interface

Monitors	VGA	Analog RGB 800x600, 1024x768, 1280x1024 resolution
	HDMI	N/A
	Main Composite	BNC, 1 Vp-p, 75 ohm
	Spot Composite	1BNC, 1 Vp-p, 75 ohm , support Multi screen and camera title
	Loop Outputs	16
Audio	Inputs	4 line in
	Output	1 line
	Compression	ADPCM
	Sampling rate	16KHz
Alarm	Inputs	Terminal 16 inputs, NO/NC
	Outputs	Terminal 4 relay outputs, NO/NC
	Remote notification	Notification via e-mail
Connections	Ethernet	1 RJ45 10/100/1000 Base-T
	Serial interface	RS-232
	PTZ control interface	RS-485
	PTZ Keyboard	RS-485
	USB	USB 2.0, 3 ports
	e-SATA	N/A
	Application Supoort	Mouse, Remote Controller
Dome Protocols	Supported PTZ cameras	Samsung-E/ Samsung-T/ Pelco-D/ Pelco-p/Panasonic/ Phillips/ AD/ DIAMOND/ ERNA/ KALATEL/ VCL TP/VICON

General

Electrical	Input Voltage	100 to 240 VAC ±10%; 50/60 Hz, Autoranging
	Power consumption	Max. 35 W (with 1x HDD)
		Max. 45W (with 2x HDD)
Environmental	Operating Temperature	+32°F to +104°F (+0°C to +40°C)
	Humidity	20%RH to 85%RH
Mechanical	Dimensions (W x H x D)	17.3 x 3.5 x 16.9 in (440 x 88 x 430 mm)
	Weight (2x hard disks)	Approx. 16.1 lb (7.3 kg)
	Rack mount kit	2 EA
Lauguage		English, Spanish, French, German, Italian, Polish, Portuguese, Russian, Turkish, Japanese, Czech, Swedish,Danish, Korean, Chinese,Netherlands

Dimensions (unit : in) Front/Rear Panel

16.9

3.5

17.3

Certifications

SRD-1630D