



SAMSUNG

Compact & Highly Efficient 16CH/8CH H.264 Digital Video Recorder



16CH/8CH CIF Real-time H.264 Digital Video Recorder

SRD-1640/840



The SRD-1640 16CH and SRD-840 8CH are standalone DVRs that feature high recording quality CIF video in real time across all channels. Each channel can be configured to record quality and privacy masking separately. In addition, they provide versatile options for web access and remote monitoring using a PC or smartphone, making anytime, anywhere monitoring possible.

- 16CH/8CH CIF real-time DVR
- CIF resolution real-time recording capability (4CIF recording available)
- Compact product footprint
- Up to 480 (NTSC) / 400 (PAL)fps recording rate : SRD-1640
240 (NTSC) / 200 (PAL)fps recording rate : SRD-840
- 4CH audio inputs and 1CH audio output
- SATA I/F HDD support (Internal Max. HDD x 1)
- Smart phone support
- Splits and exports small parts of a recorded video – Brightness and Contrast control via SmartViewer (SRD-1640)

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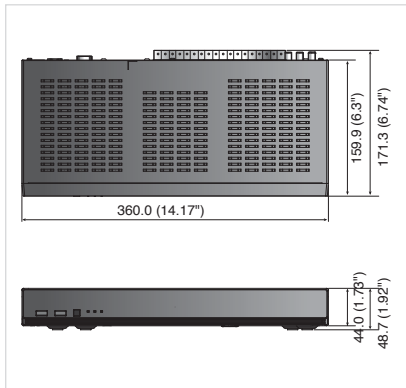


Specifications

		SRD-1640	SRD-840
DISPLAY			
Video	Inputs	16 composite video 0.5-1 Vpp, 75 ohm	8 composite video 0.5-1 Vpp, 75 ohm
	Resolution	704 x 480 NTSC, 704 x 576 PAL	
	Frame Rate	480fps NTSC, 400fps PAL	240fps NTSC, 200fps PAL
Live	Resolution	704 x 480 NTSC, 704 x 576 PAL	
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 16 / SEQUENCE / PIP	1 / 4 / 6 / 8 / SEQUENCE / PIP
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate (NTSC)	Up to 120fps @ 704 x 480	Up to 60fps @ 704 x 480
		Up to 240fps @ 704 x 240	Up to 120fps @ 704 x 240
	Record Rate (PAL)	Up to 480fps @ 352 x 240	Up to 240fps @ 352 x 240U
		Up to 100fps @ 704 x 576	Up to 50fps @ 704 x 576
Mode	Up to 200fps @ 704 x 288	Up to 100fps @ 704 x 288	
	Up to 400fps @ 352 x 288	Up to 200fps @ 352 x 288	
Overwrite Modes	NTSC : Manual, Schedule (Continuous/Event), Event (Pre/Post) PAL : Manual, Schedule (Continuous/Event), Event (Pre/Post)		
Pre-alarm	Continuous		
Post-alarm	Up to 5sec (1, 2, 3, 4, 5sec)		
Editing Function- Software	Up to 6 hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)		
Search Mode	Contrast, brightness and color editing on live and recorded videos (SRD-1640)		
Search & Playback	Playback Function	Date/time, Event, Back up, Motion, POS	
		Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with I-frame only Slow forward / backward (1/2x, 1/4x, 1/8x) Step forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play with I-frame only	
Network (IPv4)	Transmission Speed	CIF 120/100fps	
	Bandwidth	Up to 4Mbps, Unlimited (4M) / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps	
	Bandwidth Control	Automatic	
	Stream	H.264 (CIF)	
Smart Phone	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	
	Monitoring	Webviewer, CMS (Smart viewer, NET-i)	
Storage	Platform	Android, iOS	
	Protocol support	RTP,RTSP, HTTP, CGI	
Security	Remote users Maximum	Live(1)	
	Internal HDD	Up to 1 SATA HDDs	
	USB (Back-up)	2 USB Ports	
INTERFACE	File Format (Back-up)	BU (DVR Player), EXE (Include Player)	
	Password Protection	1 Admin, 10 Group, 10 User per 1 Group	
Monitors	Data Authentication	Watermark	
	VGA	1 VGA (1024 x 768) *Main Composite Selectable	
Audio	HDMI	Not Support	
	Main/Spot Composite	1 BNC (1 Vp-p, 75 ohm)/Analog Spot (1 BNC, 1 Vp-p, 75 ohm) Selectable	
	Spot Composite	Analog Spot (1 BNC, 1 Vp-p, 75 ohm)	
Alarm	Loop Outputs	Not Support	
	Inputs / Output	4 line in / 1 line out	
	Compression	G.711	
Connections	Sampling Rate	8KHz	
	Inputs / Output	Terminal 16 inputs (NO/NC) / Terminal 2 relay outputs	Terminal 8 inputs (NO/NC) / Terminal 2 relay outputs
	Remote Notification	(NO/NC), Rating : 24VDC/1A, 125V AC/0.5A	(NO/NC), Rating : 24VDC/1A, 125V AC/0.5A
GENERAL	Ethernet	Notification via e-mail	
	Serial Interface	1 RJ45 10/100 Base-T	
	USB	RS-485(Half) for PTZ, System Keyboard *Support for POS Interface (VSI-Pro)	
Electrical	Application Support	USB 2.0, 2 ports (Front)	
	Power Consumption	Mouse, Remote Controller	
Environmental	Protocol Support	Samsung-E/ Samsung-T/ Pelco-D/ Pelco-p/Panasonic/ Phillips/ AD/ DIAMOND/ ERNA/ KALATEL/ VCL TP/MICON/ ELMO	
	Operating Temperature / Humidity	DC12V Adaptor,4A,100~250VAC, 50~60Hz, 36watt	
Mechanical	Dimensions (WxHxD)	Normal 15W (with 1x HDD)	
	Weight (With hard disks)	+0°C ~ +40°C (+32°F ~ +104°F) / 20%RH ~ 85%RH	
Language	RACK MOUNT KIT	360 x 44 x 159.9 mm (14.17" x 1.73" x 6.30")	
		1.72kg (3.79lb) 1.68kg (3.70lb)	
Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Rumanian, Serbian, Croatian, Hungarian, Greek (22 Language)			

Dimensions

Unit : mm (inch)



Design and specifications are subject to change without notice.



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