



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-1640/840 is 8CH/16CH standalone DVR featuring the ability to record high quality CIF video in real time across all channels, as well as 4 channel audio recording, whilst there is the option to record up to 4CIF over selected channels. Each channel's settings for recording quality and privacy masking can be configured separately. In addition, it provides 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

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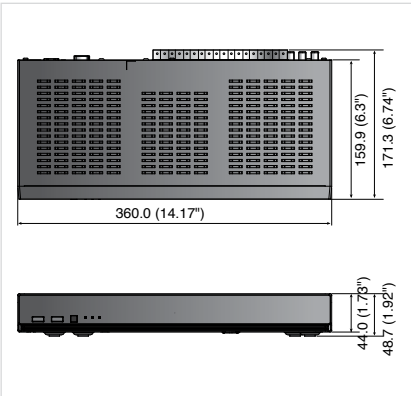


Specifications

		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 480fps @ 352 x 240	Up to 120fps @ 704 x 240 Up to 240fps @ 352 x 240U
	Record Rate (PAL)	Up to 100fps @ 704 x 576	Up to 50fps @ 704 x 576
		Up to 200fps @ 704 x 288 Up to 400fps @ 352 x 288	Up to 100fps @ 704 x 288 Up to 200fps @ 352 x 288
Mode	NTSC : Manual, Schedule (Continuous/Event), Event (Pre/Post) PAL : Manual, Schedule (Continuous/Event), Event (Pre/Post)		
Search & Playback	Overwrite Modes	Continuous	
	Pre-alarm	Up to 5sec (1, 2, 3, 4, 5sec)	
	Post-alarm	Up to 6 hour (5,10, 20, 30sec,1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
Search Mode	Search Mode	Date/time, Event, Back up, Motion, POS	
	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) 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	
Connections	Compression	G.711	
	Sampling Rate	8KHz	
GENERAL	Inputs / Output	Terminal 16 inputs (NO/NC) / Terminal 2 relay outputs (NO/NC), Rating : 24VDC/1A, 125V AC/0.5A	Terminal 8 inputs (NO/NC) / Terminal 2 relay outputs (NO/NC), Rating : 24VDC/1A, 125V AC/0.5A
	Remote Notification	Notification via e-mail	
Electrical	Ethernet	1 RJ45 10/100 Base-T	
	Serial Interface	RS-485(Half) for PTZ, System Keyboard *Support for POS Interface (VSI-Pro)	
Environmental	USB	USB 2.0, 2 ports (Front)	
	Application Support	Mouse, Remote Controller	
Mechanical	Protocol Support	Samsung-E/ Samsung-T/ Pelco-D/ Pelco-p/Panasonic/ Phillips/ AD/ DIAMOND/ ERNA/ KALATEL/ VCL TP/VICON/ ELMO	
	Input Voltage / Current	DC12V Adaptor,4A,100~250VAC, 50~60Hz, 36watt	
Language	Power Consumption	Normal 15W (with 1x HDD)	
	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20%RH ~ 85%RH	
Dimensions	Dimensions (WxHxD)	360 x 44 x 159.9 mm (14.17" x 1.73" x 6.30")	
	Weight (With hard disks)	1.72kg (3.79lb)	1.68kg (3.70lb)
RACK MOUNT KIT		Not Support	
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)



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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