

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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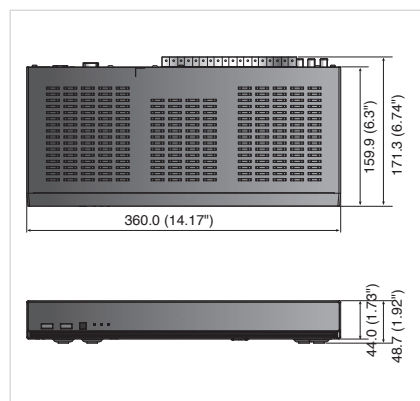


Specifications

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	
		Up to 480fps @ 352 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 100fps @ 704 x 288	
		Up to 400fps @ 352 x 288		Up to 200fps @ 352 x 288	
Search & Playback	Mode	NTSC : Manual, Schedule (Continuous/Event), Event (Pre/Post) PAL : Manual, Schedule (Continuous/Event), Event (Pre/Post)			
	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)			
	Editing Function- Software	Contrast, brightness and color editing on live and recorded videos (SRD-1640)			
	Search Mode	Date/time, Event, Back up, Motion, POS			
Search & Playback	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)			
	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			
Smart Phone	Monitoring	Webviewer, CMS (Smart viewer, NET-i)			
	Platform	Android, iOS			
	Protocol support	RTP,RTSP, HTTP, CGI			
	Remote users Maximum	Live(1)			
	Internal HDD	Up to 1 SATA HDDs			
	Storage	USB (Back-up)			
Security	File Format (Back-up)	BU (DVR Player), EXE (Include Player)			
	Password Protection	1 Admin, 10 Group, 10 User per 1 Group			
	Data Authentication	Watermark			
INTERFACE					
Monitors	VGA	1 VGA (1024 x 768) *Main Composite Selectable			
	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)			
Audio	Loop Outputs	Not Support			
	Inputs / Output	4 line in / 1 line out			
	Compression	G.711			
	Sampling Rate	8KHz			
Alarm	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			
Connections	Ethernet	1 RJ45 10/100 Base-T			
	Serial Interface	RS-485(Half) for PTZ, System Keyboard *Support for POS Interface (VSI-Pro)			
	USB	USB 2.0, 2 ports (Front)			
	Application Support	Mouse, Remote Controller			
GENERAL	Protocol Support	Samsung-E/ Samsung-T/ Pelco-D/ Pelco-p/Panasonic/ Phillips/ AD/ DIAMOND/ ERNA/ KALATEL/ VCL TP/VICON/ ELMO			
	Electrical	Input Voltage / Current			
	Environmental	Power Consumption	DC12V Adaptor,4A,100~250VAC, 50~60Hz, 36watt		
		Operating Temperature / Humidity	Normal 15W (with 1x HDD)		
	Mechanical	Dimensions (WxHxD)	+0°C ~ +40°C (+32°F ~ +104°F) / 20%RH ~ 85%RH		
		Weight (With hard disks)	360 x 44 x 159.9 mm (14.17" x 1.73" x 6.30")		
Language	RACK MOUNT KIT	1.72kg (3.79lb)		1.68kg (3.70lb)	
		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)



Design and specifications are subject to change without notice.

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