

SAMSUNG

# Visual Evolution

## H.264



Premium Digital Video Recorder

## SVR-1670

- H.264 high performance image compression
- Real-time High resolution recording
- H.264/JPEG multi-stream for high network performance
- Centralized management software supplied as standard
- Easy-installation with coaxial control(Optional)

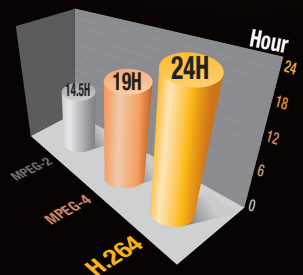
## H.264 High Resolution Technology

H.264

H.264 is the latest generation standard for video compression, the process of converting digital video into a format that takes up less capacity when it is stored or transmitted. Compared with standards such as MPEG-2 and MPEG-4 Visual, H.264 can deliver better image quality at the same bitrate, and a lower bitrate for the same image quality.

- At the same image size, quality and HDD size.
- Actual recording time will vary depending on the amount of motion and picture detail in the scene.

[Recording Time Comparison Chart]



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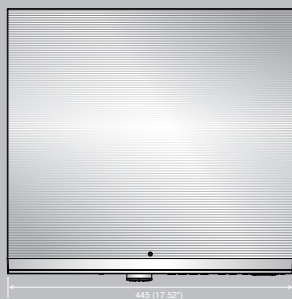
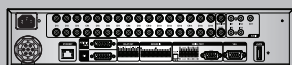


## Specifications

		SVR-1670	
<b>DISPLAY</b>			
Video	Inputs	16 composite video 0.5-2 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 / 9 / 10 / 16	
<b>PERFORMANCE</b>			
Recording	Compression	H.264 NTSC	
	Record Rate	Up to 120fps@704 x 480 (4CIF)	
		Up to 240fps@704 x 240 (2CIF)	
		Up to 480fps@352 x 240 (CIF)	
	Mode	Manual, Schedule, Event, Emergency	
Overwrite Modes	Continuous		
Pre-alarm	Up to 5 sec.		
Post-alarm	Up to 60 sec.		
Search & Playback	Search Mode	Date/time, Event, Calendar, Text (SVM-S1)	
	Playback Function	REW, FWD, Frame advance (Control keys and jog shuttle)	
Network	Transmission Speed	Up to 40Mbps	
	Bandwidth Control	Automatic	
	Multi Stream	H.264 (Dual Stream) /JPEG	
	Max. Remote Users	2 Simultaneously	
	Protocol Support	TCP/IP, ARP, ICMP, DHCP, PPPoE, UDP, SMTP, FTP, SNMP, HTTP, DNS, DDNS, RTP, RTSP, SOAP	
Storage	Monitoring	CMS Software (SVM-S1), Built-in web server	
	Maximum Capacity	Up to 16TB using external storage option	
	Internal HDD	Up to 4 SATA HDDs	
	External HDD	Up to 1 expansion bay	
	DVD Writer (Back up)	DVD-R(+/-) / CD-R(+/-)	
Security	USB (Back up)	2 External USB Ports	
	File Format (Back up)	AVI, Proprietary format (Include viewer) / JPEG (CMS)	
Security	Data Authentication	Watermark	
<b>INTERFACE</b>			
Monitors	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution	
	Main Composite	1 BNC, 1 Vp-p, 75 ohm, Multi-screen, Menu, Playback	
	Sub Composite	1 BNC, 1 Vp-p, 75 ohm	
Audio	Loop Outputs	16 Composite video 1 Vpp, 75 ohm	
	Inputs	16 Line in, 30K ohm	
	Output	1 Line, 100K ohm	
Alarm	Compression	ADPCM	
	Sampling Rate	16KHz	
	Inputs	Terminal 16 inputs, NO/NC	
Connections	Outputs	Terminal 4 relay outputs, NO/NC	
	Remote Notification	Notification via e-mail	
	Ethernet	RJ-45 10/100/1000 Base-T	
Communication Protocols	Serial Interface	RS-232C	
	PTZ Control Interface	RS-485/422	
	PTZ Keyboard	RS-485, Max. signal voltage ±12V	
	USB	2 USB 2.0 ports	
	eSATA	1 External SATA port	
GENERAL	Application Support	ATM/POS, Remote controller	
Electrical	Supported PTZ Cameras	Samsung Techwin, Pelco D, Pelco P, Pelco Coaxitron (Option) *Protocols will be added to next firmware version.	
Environmental	Input Voltage	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging	
	Power Consumption	Max. 60W (With 1x HDD) / Max. 85W (With 2x HDD)	
Mechanical	Operating Temperature	+5°C ~ +40°C (+32°F ~ +104°F)	
	Operating Humidity	0% ~ 60%RH	
Language	Dimensions (WxHxD)	445 x 88 x 388mm (17.52" x 3.46" x 15.28")	
	Weight (4x Hard Disks)	Approx. 10Kg (22.05 lb)	
	Rack Mount Kit	For mounting one unit in an EIA 19 inch rack	

## 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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