

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)

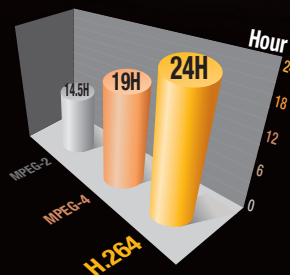
H.264 High Resolution Technology

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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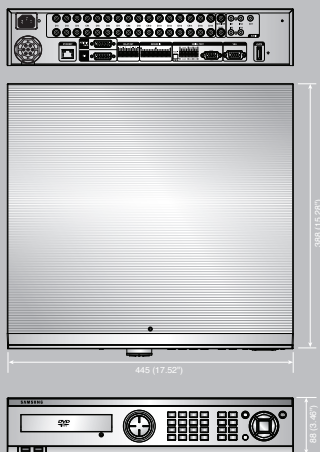


Specifications

		SVR-1670	
DISPLAY			
Video	Inputs	16 composite video 0.5-2 Vpp, 75 ohm automatic termination	
	Resolution	NTSC : 704 x 480	PAL : 704 x 576
Live	Frame Rate	NTSC : 480fps	PAL : 400fps
	Resolution	NTSC : 704 x 480	PAL : 704 x 576
	Multi Screen Display	1 / 4 / 9 / 10 / 16	
PERFORMANCE			
Recording	Compression	H.264	PAL
	Record Rate	NTSC	
		Up to 120fps@704 x 480 (4CIF)	Up to 100fps@704 x 576 (4CIF)
		Up to 240fps@704 x 240 (2CIF)	Up to 200fps@704 x 288 (2CIF)
		Up to 480fps@352 x 240 (CIF)	Up to 400fps@352 x 288 (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	
	Internal HDD	Up to 4 SATA HDDs *2TB (1TB x 2ea, 2TB x 1ea)	
	External HDD	Up to 1 expansion bay	
	DVD Writer (Back up)	DVD-R(+/-) / CD-R(+/-)	
	USB (Back up)	2 External USB Ports	
Security	File Format (Back up)	AVI, Proprietary format (Include viewer) / JPEG (CMS)	
	Data Authentication	Watermark	
INTERFACE			
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	
	Loop Outputs	16 Composite video 1 Vpp, 75 ohm	
Audio	Inputs	16 Line in, 30K ohm	
	Output	1 Line, 100K ohm	
	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	RJ-45 10/100/1000 Base-T	
	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	
Communication Protocols	Application Support	ATM/POS, Remote controller	
	Supported PTZ Cameras	Samsung Techwin, Pelco D, Pelco P, Pelco Coaxitron (Option) *Protocols will be added to next firmware version.	
GENERAL			
Electrical	Input Voltage	100 ~ 240V AC ±10%, 50/60Hz, Auto ranging	
	Power Consumption	Max. 60W (With 1x HDD) / Max. 85W (With 2x HDD)	
Environmental	Operating Temperature	+5°C ~ +40°C (+32°F ~ +104°F)	
	Operating Humidity	0% ~ 60%RH	
Mechanical	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	
Language		English, Spanish, French, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Czech, Serbian, Swedish, Rumanian, Danish, Korean, Chinese, Taiwanese	

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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