



SAMSUNG

High Quality

16CH/8CH H.264 DVR



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

SRD-1652D/852D

SRD-1652D/852D is an economical recording solution with embedded Linux and H.264 codec technology. All channels can simultaneously record up to full frame rate (30 fps NTSC / 25 fps PAL) at CIF resolution. Both units come equipped with a built-in DVD burner and support up to 4 internal SATA hard drives.

- 16CH/8CH real-time DVR
- Embedded Linux H.264 Compression
- Up to 480 fps (NTSC) / 400 fps (PAL) @ CIF: SRD-1652D
240 fps (NTSC) / 200 fps (PAL) @ CIF: SRD-852D
- Up to 16CH audio inputs and 1CH audio output : SRD-1652D
8CH audio inputs and 1CH audio output: SRD-852D
- Combined BNC and VGA video output for main display
- Up to 4 Internal HDDs
- Free DDNS
- Support for smart phone(Android, i-Phone)
- Built-in DVD-RW
- Splits and exports small parts of a recorded video – Brightness and Contrast control via SmartViewer (SRD-1652D)



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

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SRD-1652D



SRD-852D

Dimensions

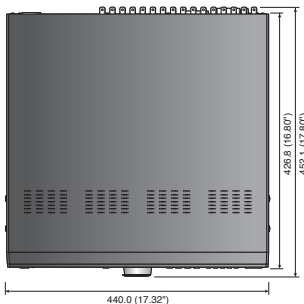
Unit : mm (inch)



SRD-1652D



SRD-852D



Specifications

		SRD-1652D	SRD-852D
DISPLAY			
Video	Inputs	16 Composite video 0.5-1 Vp-p	8 Composite video 0.5-1 Vpp
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
Live	Frame Rate	NTSC : 480fps / PAL : 400fps	NTSC : 240fps / PAL : 200fps
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP	1 / 4 / 6 / 8 / 9 / 13 / PIP
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 120fps@704 x 480	NTSC : Up to 60fps@704 x 480
		NTSC : Up to 240fps@704 x 240	NTSC : Up to 120fps@704 x 240
		NTSC : Up to 480fps@352 x 240	NTSC : Up to 240fps@352 x 240
	Mode	PAL : Up to 100fps@704 x 576	PAL : Up to 50fps@704 x 576
		PAL : Up to 200fps@704 x 288	PAL : Up to 100fps@704 x 288
		PAL : Up to 400fps@352 x 288	PAL : Up to 200fps@352 x 288
	Overwrite Modes	Continuous	
	Pre-alarm	Up to 5sec	
	Post-alarm	Up to 6hour (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-1652D)	
Search & Playback	Search Mode	Date/Time, Event, Back up, Pos, Motion (*All search mode include preview function)	
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
	Transmission Speed	CIF 120/100fps	
Network	Bandwidth	8Mbps, 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps	
	Bandwidth Control	Selectable	
	Stream	H.264 (CIF)	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
Smart Phone	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP	
	Monitoring	NET-i viewer, SmartViewer, Webviewer	
	Smart Phone	Android (not compatible with all Android phones), i-Phone	
Storage	Protocol Support	RTSP/RTP (UDP), CGI, HTTP	
	Transmission Speed	Wi-Fi : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel)	
	Speed	3G : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel)	
	Max. Remote Users	Live 1	
Internal HDD	Internal HDD	Up to 4 SATA HDDs	
	DVD Writer (Back up)	Yes	
	USB (Back up)	2 USB ports	
File Format (Back up)	File Format (Back up)	AVI, BU (DVR player), EXE (Include player)	
	Password Protection	1 Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function	
Security	Data Authentication	Watermark	
INTERFACE			
Monitors	VGA	1 VGA (800 x 600, 1024 x 768, 1280 x 1024)	
	Main Composite	1 BNC, 1.0 Vp-p, 75 ohm	
	Spot Composite	Analog spot (1 BNC, 1 Vp-p, 75 ohm)	
Audio	Inputs / Output	4 Line in (Built-in 4CH, RCA / 1CH line out (RCA))	
	Compression	ADPCM	
	Sampling Rate	16KHz	
Alarm	Inputs / Output	Terminal 16 inputs (NO/NC), Terminal 1 inputs (Alarm Reset), Terminal 4 relay outputs (NO/NC), Rating : 24V DC / 1A, 125V AC / 0.5A	Terminal 8 inputs (NO/NC), Terminal 1 inputs (Alarm Reset), Terminal 4 relay outputs (NO/NC), Rating : 24V DC / 1A, 125V AC / 0.5A
		Remote Notification	Notification via e-mail
	Connections	Ethernet	1 RJ-45 10/100/1000 Base-T
Serial Interface		RS-232/RS-485 for PTZ, Samsung system keyboard	
USB		USB 2.0, 2 ports (Front)	
Application Support		Mouse, Remote controller	
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, Vicon	
GENERAL			
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz, Autoranging	
	Power Consumption	Max. 60W (With 1x HDD)	
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH	
Mechanical	Dimensions (WxHxD)	440.0 x 88.0 x 426.8mm (17.32" x 3.46" x 16.80")	
	Weight (With hard disks)	Approx. 7.5Kg (16.53 lb)	
	Rack Mount Kit	2ea	
Language		Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thailandais, Rumanian, Serbian, Croatian, Hungarian, Greek (22 Language)	



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