



Enhanced functionalities, with **Full HD** video out



SRD-854D

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

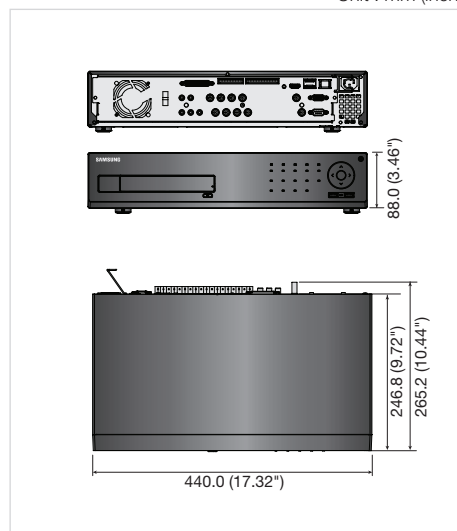
- 8CH, Real-time@CIF
- Max. resolution of 960 x 480 / 960 x 576
- Touch interface front panel
- Smart phone support (Android / iOS)
- Full HD 1080p video out via HDMI
- 4CH audio inputs / 1CH audio output
- Max. 4 internal HDDs
- Smart searching
- Enhanced Network Bandwidth up to 32Mbps

The SRD-854D is digital video recorder, Full HD 1080p HDMI video out, support for 700TV lines analog cameras, and a sleek touch sensitive front panel, while retaining the familiar and easy to use graphical interface, smartphone support, and E-mail alerts. This supports recording and playback up to 928 x 480 resolution. Network bandwidth has also been increased for robust remote viewing at high resolutions.



Dimensions

Unit : mm (inch)



Specifications

SRD-854D		
DISPLAY		
Video	Inputs	8 Composite video 0.5-1 Vp-p, 75 ohm automatic termination
	Resolution	NTSC : 960 x 480, 720 x 480 / PAL : 960 x 576, 720 x 576
	Frame Rate	NTSC : 240fps / PAL : 200fps
Live	Resolution	NTSC : 928 x 480, 704 x 480 / PAL : 928 x 576, 704 x 576
	Multi Screen Display	1 / 4 / 6 / 8 / Sequence / PIP
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264
Recording	Record Rate	NTSC : Up to 60fps@928 x 480 / PAL : Up to 50fps@928 x 576 NTSC : Up to 60fps@704 x 480 / PAL : Up to 50fps@704 x 576 NTSC : Up to 120fps@704 x 240 / PAL : Up to 100fps@704 x 288 NTSC : Up to 240fps@352 x 240 / PAL : Up to 200fps@352 x 288
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 25fps)
	Event	Video loss, Motion (Level 1 ~ 10), Alarm
	Overwrite Modes	Continuous
	Pre-alarm	Up to 30sec (5, 10, 20, 30sec)
	Post-alarm	Up to 6hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)
	Search & Playback	Search Mode: Date/Time, Event, Back up, POS, Motion (*All search include preview function) Playback Function: Fast forward / backward, Slow forward / backward, Step forward / backward
Network	Transmission Speed	4CIF / 2CIF / CIF (NTSC : 120 / 240 / 480fps, PAL : 100 / 200 / 400fps)
	Bandwidth	Up to 32Mbps
	Bandwidth Control	Selectable
	Stream	H.264 (4CIF / 2CIF / CIF selectable)
Smart Phone	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP
	Monitoring	NET-i viewer, SmartViewer, Webviewer
Storage	Platform	Android, iOS
	Protocol Support	RTP, RTSP, HTTP, CGI
	Max. Remote Users	Live 1
	Internal HDD	Up to 4 SATA HDDs
Security	DVD Writer (Back up)	Yes
	USB (Back up)	2 USB ports
	File Format (Back up)	BU (DVR player), EXE (Include player), AVI
Interface	Password Protection	1 Admin, 10 Group, 10 User per 1 group
	Data Authentication	Watermark
Monitors	VGA	1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080)
	HDMI	1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080)
	Spot Composite	Digital spot (2 BNC, 1 Vp-p, 75 ohm) *Included OSD on screen
Audio	Inputs / Output	4CH line in / 1CH line out
	Compression	G.711
	Sampling Rate	8KHz
Alarm	Inputs / Output	Terminal 8 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC / 2A, 250V AC / 0.25A
	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
	Application Support	Mouse, Remote controller
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE
GENERAL		
Electrical	Input Voltage / Current	100 ~ 240V AC $\pm 10\%$, 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
	Dimensions (WxHxD)	440.0 x 88.0 x 246.8mm (17.32" x 3.46" x 9.72")
Mechanical	Weight (With hard disks)	Approx. 5.2Kg (11.46 lb)
	Rack Mount Kit	2ea
Language		
Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thailandais, Rumania, Serbia, Croatia, Hungary, Greek, Taiwan (23 Language)		



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.

■ DISTRIBUTED BY

SAMSUNG TECHWIN CO., LTD. 701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com

SAMSUNG TECHWIN AMERICA INC.
100 Challenger Rd, Suite 700 Ridgely Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124

SAMSUNG TECHWIN EUROPE LTD.
2nd floor No5, The Height, Brookland, Weybridge, Surrey, U.K.
KT13 0NY
Tel : +44-1932-82-6700 Fax : +44 1932 82 6701

SHANGHAI SAMSUNG TECHWIN CO., LTD.
32F, Bk B, International Business Center,
No. 391 Guiping Rd., Shanghai, China, 200233
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



SAMSUNG TECHWIN