

# The HD-SDI Recorder

The SRD-880D is a HD-SDI recorder that provides 8CH Full HD 1080p real-time recording. It offers maximum Full HD 1920 x 1080 resolution for NTSC and PAL, and the max frame rate is 240fps (NTSC and 200 for PAL). The SRD-880D offers various smart video analysis functions : including smart searching, tampering. User can extend the storage by installing up to 4 HDDs and using DVD-RW and USB for back up. Network throughput is up to 64Mbps.

## SRD-880D

### 8CH Full HD-SDI DVR

- 8CH HD-SDI DVR
- Up to 240fps(NTSC) / 200fps (PAL) recording rate
- Touch interface front panel
- Max. 4 internal HDDs
- DVD-RW, Smart phone support
- PTZ control via coaxial cable  
[Samsung CCVC, Pelco-C (Coaxitron)]
- Up to 64Mbps network bandwidth





H.264

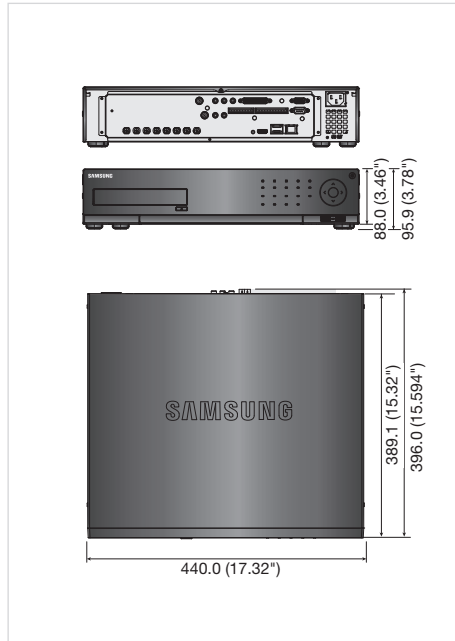


## Specifications

		SRD-880D	
<b>DISPLAY</b>			
Video	Inputs	8 HD-SDI SMPTE292M	
	Resolution	NTSC : 1920 x 1080, 1280 x 720 / PAL : 1920 x 1080, 1280 x 720	
	Frame Rate	NTSC : 240fps / PAL : 200fps	
Live	Resolution	NTSC : 1920 x 1080, 1280 x 720 / PAL : 1920 x 1080, 1280 x 720	
	Multi Screen Display	1 / 4 / 7 / 9 / 13 / Sequence / PIP	
<b>PERFORMANCE</b>			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 240fps@1920 x 1080 / PAL : Up to 200fps@1920 x 1080 NTSC : Up to 240fps@1280 x 720 / PAL : Up to 200fps@1280 x 720	
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1~30 fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 25fps)	
	Event	Video loss, Motion (Level 1 ~ 10), Alarm, Tampering (Level 1~3)	
	Overwrite Modes	Continuous	
	Pre-alarm	Up to 30sec (5, 10, 20, 30sec)	
Search & Playback	Post-alarm	Up to 6hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
	Search Mode	Date/Time, Event, Back up, POS, Motion (*All search include preview function)	
	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	Transmission Speed	1M ~ 2M (NTSC : 240fps, PAL : 200fps)	
	Bandwidth	Up to 64Mbps	
	Bandwidth Control	Selectable	
	Stream	H.264 (4CIF / 2CIF / CIF selectable)	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP	
Smart Phone	Monitoring	SmartViewer, Webviewer, SSM (CMS)	
	Platform	Android, iOS	
	Protocol Support	RTP, RTSP, HTTP, CGI	
Storage	Max. Remote Users	Live 1	
	Internal HDD	Up to 4 SATA HDDs	
	External (e-SATA Interface)	Up to 2 expansion bay (*Model : SVS-5R/5E)	
	DVD Writer (Back up)	Yes	
	USB (Back up)	2 USB ports	
Security	File Format (Back up)	BU (DVR player), EXE (Include player), AVI	
	Password Protection	1 Admin, 10 Group, 10 User per 1 group	
	Data Authentication	Watermark	
<b>INTERFACE</b>			
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)	
Audio	Spot Composite	Digital spot (2CH) *Included OSD on screen, multi mode support (1CH)	
	Inputs / Output	8CH line in (Built-in 4CH, option : audio extension cable) / 1CH line out	
	Compression	G.711	
Alarm	Sampling Rate	8KHz	
	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 (Front)	
	eSATA	2 External SATA ports	
	Application Support	Mouse, Remote controller	
GENERAL	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE PTZ control via coaxial cable [Samsung CCVC, Pelco-C (Coaxitron)]	
	Electrical	Input Voltage / Current	100 ~ 240V AC $\pm$ 10%, 50/60Hz, Auto ranging
	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 389.1mm (17.32" x 3.46" x 15.32")	
Mechanical	Weight (With hard disks)	Approx. 6.39Kg (14.08 lb)	
	Rack Mount Kit	2ea	
Language		Korean, Japanese, Chinese (Traditional), English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thai, Romanian, Serbian, Croatian, Hungarian, Greek, Finnish, Norwegian, Taiwanese (25 Language)	

## 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.

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