

SAMSUNG

# HD DVR

## 4CH HD-SDI DVR



### 4CH HD-SDI Digital Video Recorder

# SRD-480D

The SRD-480D is the DVR that enables the recording of HD/Full HD resolution images from HD-SDI cameras. As well as the ability to record real-time images across all channels at 720p HD resolution, the SRD-480D enables the user the opportunity to record in resolutions of 1080p Full HD over selected channels. The HD-SDI system provides a set of benefits over conventional analogue/network systems. It utilizes existing analogue infrastructure of coaxial cable while providing much higher resolution of image quality. It is just similar to standard DVRs and to install and operate it does not require any additional specialist knowledge or skills. In addition it transmits uncompressed, unencrypted digital video signals and result in clear crisp images without any loss or delay. The SRD-480D is the ideal recording solution for users looking to sharp images with professional performance and it is suitable for applications such as monitoring casinos, banks and airports.

- Up to 120 (NTSC) / 100 (PAL)fps recording rate at 720p HD resolution
- 1080p Full HD resolution recording support
- De-interlace function for clear edge of moving object
- 4ch audio input and 1ch audio output
- DVD-RW, USB back up support
- Max. 4 internal HDD
- Video (H.264) / Audio (ADPCM)

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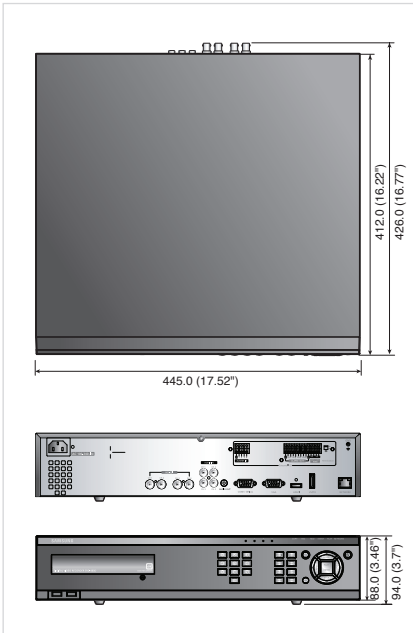


## Specifications

		SRD-480D
<b>DISPLAY</b>		
Video	Inputs	4CH (HD-SDI SMPTE292M)
	Resolution	720p 30fps / 720p 60fps / 1080p 30fps
	Frame Rate	120fps
Live	Resolution	1920 x 1080p
	Multi Screen Display	1 / 4 / SEQUENCE
<b>PERFORMANCE</b>		
Operating System	Embedded	Linux
	Compression	H.264
	Record Rate	1280 x 720p : 120fps / 1920 x 1080p : 120fps
Recording	Mode	Manual & Event or Schedule & Event, Event source (Motion / Alarm / Video Loss / Text), Pre/Post
	Overwrite Modes	Continuous
	Pre-alarm	Up to 15sec (1, 2, 3, 4, 5, 10, 15sec)
	Post-alarm	Up to 60sec (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60sec)
Search & Playback	Search Mode	Date/Time, Calendar, Event search, Thumbnail search
	Playback Function	Forward (2x, 4x, 8x, 16x, 32x, 64x) *I-frame only Forward (1x, 1/2x) *All frame Backward (1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x) *I-frame only Step Forward/Backward play at single channel (I+P frame) *All frame
Network	Transmission Speed	Dual codec (CIF120fps / 2CIF120fps / 4CIF120fps) Single codec (720p, 1080p)
	Bandwidth	Up to (15)Mbps, 15M ~ 256kbps
	Bandwidth Control Stream	Selectable
	Max. Remote Users	720p, 1080p (Record encoding), 4CIF / 2CIF / CIF(Dual codec) selectable Live monitor 10 (Search 2)
	Protocol Support Monitoring	TCP/IP, DHCP, HTTP, PPPoE, DDNS (iPOLIS only), NTP, SMTP, TLS NET-i viewer, SmartViewer, Webviewer
Storage	Internal HDD	Up to 4 SATA HDDs (Basic 1TB, Up to 2TB x 4ea)
	External HDD Writer	SVS-5R (Only storage support), Total 16TB (internal + external)
	DVD Writer (Back up)	Yes (DVD-R, CD-R support)
	USB (Back up)	2 USB ports (Max. 32GB)
Security	File Format (Back up)	AVI, EXE (Include player), VFS4 (CD/DVD back up)
	Password Protection	1 Admin, 10 User, User can be assigned authority for function
	Data Authentication	Watermark
<b>INTERFACE</b>		
Monitors	VGA	1920 x 1080p resolution
	HDMI	1920 x 1080p resolution
Audio	Inputs / Output	4CH line in / 1CH line out
	Compression	ADPCM
	Sampling Rate	16KHz
Alarm	Inputs / Output	Terminal 4 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC)
	Remote Notification	Notification via e-mail
Connections	Ethernet	10/100Mbps ethernet
	Serial Interface	RS-485 for PTZ, Samsung system keyboard
	USB	USB 2.0, 2 ports
	e-SATA	1 External SATA port
	Application Support Protocol Support	Mouse, Remote controller, Samsung system keyboard (SPC-6000) Samsung-T/E, Pelco-D/P
<b>GENERAL</b>		
Electrical	Input Voltage / Current	100 ~ 240V AC ±10%, 50/60Hz, Autoranging
	Power Consumption	Max. 85W (With 1x HDD)
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
	Dimensions (WxHxD)	445.0 x 88.0 x 412.0mm (17.52" x 3.46" x 16.22")
Mechanical	Weight (With hard disks)	Approx. 9Kg (19.84 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)	

## Dimensions

Unit : mm (inch)



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