



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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SRD-480D

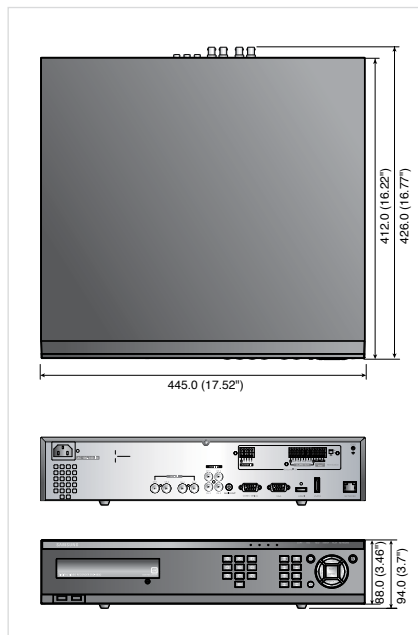


Specifications

		SRD-480D
DISPLAY		
Video	Inputs	4CH (HD-SDI SMPTE292M)
	Resolution	720p / 720p / 1080p
	Frame Rate	120fps
Live	Resolution	1280 x 720p, 1920 x 1080p
	Multi Screen Display	1 / 4 / SEQUENCE
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264
	Record Rate	1280 x 720p : 120fps / 1920 x 1080p : 60fps
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) *1-frame only, Forward (1x, 1/2x) *All frame Backward (1/2x, 1x, 2x, 4x, 8x, 16x, 32x, 64x) *1-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	Selectable
	Stream	720p, 1080p (Record encoding), 4CIF / 2CIF / CIF(Dual codec) selectable
	Max. Remote Users	Live monitor 10 (Search 2)
Storage	Protocol Support	TCP/IP, DHCP, HTTP, PPPoE, DDNS (iPOLIS only), NTP, SMTP, TLS
	Monitoring	NET-i viewer, SmartViewer, Webviewer
	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)
Security	USB (Back up)	2 USB ports (Max. 32GB)
	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
INTERFACE		
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	Mouse, Remote controller, Samsung system keyboard (SPC-6000)
	Protocol Support	Samsung-T/E, Pelco-D/P
GENERAL		
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 (WxDxH)	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, Thai, Thai, Rumanian, Serbian, Croatian, Hungarian, Greek (22 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.

System Requirement (for the built-in web browser)

Support O/S	Windows XP/ Vista Home Basic/ Premium/ Windows 7
Support Browser	Internet Explorer 6.0 or High
System Requirement (Recommend)	CPU Core 2Duo 2.66GHz, Memory 2GB, HDD 500MB

Design and specifications are subject to change without notice.



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