

Matching your requirements.

Entry level recording solution



16CH H.264 Digital Video Recorder

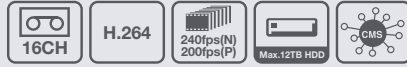
SRD-1610/1610D/1610DC

Forming part of the SRD series of Digital Video Recorders (DVRs), the SRD-1610 range provides users with an entry-level 16 channel recording solution that has been designed to perfectly match the functionality and budget requirements for a host of professional security applications. Providing real-time live view and selectable recording rates across all channels, users are able to record up to 120/100 (NTSC/PAL) fps at CIF resolution, 60/50 fps at 2-CIF resolution and 30/25 fps at 4-CIF resolution. Besides its flexible recording capacity, like all SRD series DVRs the SRD-1610 range utilises Samsung's high level H.264 compression to ensure superb quality, whilst minimising hard drive space and bandwidth requirements. Options include a built-in DVD drive (SRD-1610D) and coaxial control compatibility (SRD-1610DC).

- Up to 120 (NTSC) / 100 (PAL)fps recording rate
- Up to 4ch audio inputs and 1ch audio outputs
- SRD-1610 : Max. 6 internal HDD (HDD x 6)
SRD-1610D(C) : Max. 5 internal HDD (HDD x 5)
- SRD-1610D(C) : DVD-RW backup support
- SRD-1610DC : PTZ control via coaxial cable
- Video (H.264) / Audio (ADPCM)

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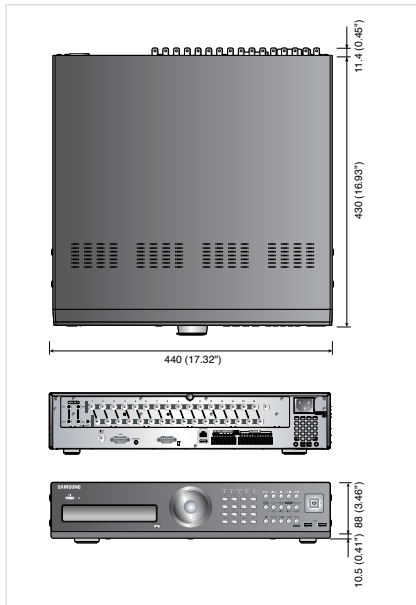


Specifications

		SRD-1610	SRD-1610D	SRD-1610DC
DISPLAY				
Video	Inputs	16 composite video 0.5-1 Vpp, 75 ohm automatic termination		
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576		
	Frame Rate	NTSC : 480fps / PAL : 400fps		
Live	Resolution	NTSC : 704 x 480 / PAL : 704 x 576		
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP		
PERFORMANCE				
Operating System	Embedded	Linux		
	Compression	H.264		
Recording	Record Rate	NTSC : Up to 30fps@704 x 480 / PAL : Up to 25fps@704 x 576 NTSC : Up to 60fps@704 x 240 / PAL : Up to 50fps@704 x 288 NTSC : Up to 120fps@352 x 240 / PAL : Up to 100fps@352 x 288		
	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30fps) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25fps)		
	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 mode include preview function)		
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward		
Network	Transmission Speed	Up to 4Mbps, Unlimited 4M / 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps		
	Bandwidth Control	Automatic		
	Stream	H.264 (4CIF / 2CIF / CIF selectable)		
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20		
Storage	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP		
	Monitoring	Net-i viewer, Smart viewer, Web viewer		
	Internal HDD	Up to 6 SATA HDDs	Up to 5 SATA HDDs	
Security	DVD Writer (Back up)	N/A	Yes	
	USB (Back up)	3 USB ports		
	File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)		
INTERFACE	Password Protection	1 Admin, 10 group, 20 user per 1 group, User can be assigned authority for function		
	Data Authentication	Watermark		
Monitors	VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution		
	Main Composite	BNC, 1.0 Vp-p, 75 ohm		
	Spot Composite	1 BNC, 1.0 Vp-p, 75 ohm, Support multi screen and camera title		
Audio	Loop Outputs	16		
	Inputs/Output	4 Line in / 1 Line out		
Alarm	Compression	ADPCM		
	Sampling rate	16KHz		
	Inputs / Outputs	Terminal 16 inputs (NO/NC) / Terminal 4 relay outputs (NO/NC), Rating : 30V DC/2A, 125V AC/0.5A		
Connections	Remote notification	Notification via e-mail		
	Ethernet	1 RJ-45 10/100/1000 Base-T		
	Serial interface	RS-232/RS-485 for PTZ, System keyboard		
	USB	USB 2.0, 3 ports		
GENERAL	Application Support	Mouse, Remote controller		
	Protocol support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, Vicon * SRD-1610DC : PTZ Control via Coaxial Cable (Samsung CCVC, Pelco-C (Coaxitron))		
Electrical	Input Voltage/Current	100 to 240V AC ±10%, 50/60Hz, Auto ranging		
Environmental	Power consumption	Max. 35W (With 1x HDD)		
	Operating Temperature/Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH		
Mechanical	Dimension (W x H x D)	440 x 88 x 430mm (17.32" x 3.46" x 16.93")		
	Weight (With hard disks)	Approx. 7.3Kg (16.09 lb)		
Language	Rack mount kit	2ea		
		English, Spanish, French, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Czech, Swedish, Danish, Korean, Chinese, Netherlands		

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.

Design and specifications are subject to change without notice.



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