

SAMSUNG

H.264 DVR Series



Explore a fully Featured DVRs

SRD-1630D/1630/1610D
/1610/830D/830

- Incredible searching performance with easy-to-use User Interface
- H.264 High Performance Compression
- Smooth video over the network
- Innovative and simple design
- Networking and integration capabilities using Samsung central monitoring system Smart Viewer

Explore a fully Featured DVRs

SRD-1630D/1630/1610D/1610/830D/830

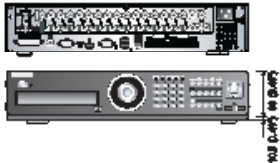
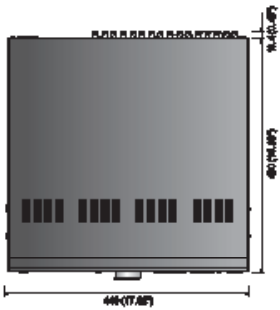


Specifications

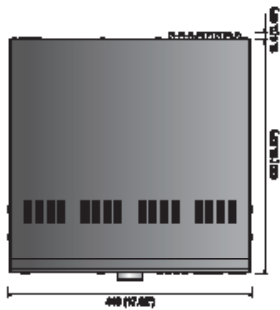
	SRD-1630D/1630/1610D/1610	SRD-830D/830
DISPLAY		
Video	16 Composite video 0.5-1 Vpp, 75 ohm automatic termination	
Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
Frame Rate	NTSC : 480ips / PAL : 400ips	NTSC : 240ips / PAL : 200ips
Live	Resolution NTSC : 704 x 480 / PAL : 704 x 576	
Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP	1 / 4 / 6 / 8 / 9 / 13 / PIP
PERFORMANCE		
Operating System	Embedded Linux	
Compression	H.264	
Record Rate	SRD-1630D/1630 : NTSC : Up to 60ips@704 x 480, NTSC : Up to 120ips@704 x 240, NTSC : Up to 240ips@352 x 240 PAL : Up to 50ips@704 x 576, PAL : Up to 100ips@704 x 288, PAL : Up to 200ips@352 x 288	
Recording	SRD-1610D/1610/830D/830 : NTSC : Up to 30ips@704 x 480, NTSC : Up to 60ips@704 x 240, NTSC : Up to 120ips@352 x 240 PAL : Up to 25ips@704 x 576, PAL : Up to 50ips@704 x 288, PAL : Up to 100ips@352 x 288	
Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15ips) PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5ips)	
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 searching mode include preview function)	
Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
Transmission Speed	Up to 4 Mbps, Unlimited 4M / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps	
Bandwidth Control	Automatic	
Network	Multi Stream H.264 (4CIF / CIF)	
Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP	
Monitoring	Net-i viewer, SVM-S1, Smart viewer, Web viewer	
Storage	Internal HDD Up to 6 SATA HDDs, D : Up to 5 SATA HDDs	
DVD Writer (Back up)	N/A, D : Yes	
USB (Back up)	3 USB ports	
File Format (Back up)	AVI, MDB (DVR play back), EXE (Include player)	
Security	Password Protection 1 Admin, 10 Group , 20 User per 1 Group, User can be assigned authority for function	
Data Authentication	Watermark	
INTERFACE		
VGA	Analog RGB 800 x 600, 1024 x 768, 1280 x 1024 resolution	
HDMI	N/A	
Monitors	Main Composite BNC, 1 Vp-p, 75 ohm	
Spot Composite	1 BNC, 1 Vp-p, 75 ohm, Support multi screen and camera title	
Loop Outputs	16 8	
Audio	Inputs 4 Line in	
Output	1 Line	
Compression	ADPCM	
Sampling Rate	16KHz	
Alarm	Inputs Terminal 16 inputs, NO/NC Terminal 8 inputs, NO/NC	
Outputs	Terminal 4 relay outputs, NO/NC	
Remote Notification	Notification via e-mail	
Ethernet	1 RJ-45 10/100/1000 Base-T	
Serial Interface	RS-232	
Connections	PTZ Control Interface RS-485	
PTZ Keyboard	RS-485	
USB	USB 2.0, 3 ports	
Application Support	Mouse, Remote controller	
Communication	Supported Samsung-E, Samsung-T, Pelco-D, Pelco-P, Panasonic, Phillips, AD	
Protocols	PTZ Cameras DIAMOND, ERNA, KALATEL, VCL TP, VICON	
GENERAL		
Electrical	Input Voltage 100 ~ 240V AC ±10%, 50/60Hz, Auto ranging	
Power Consumption	Max. 35W (With 1x HDD) / Max. 45W (With 2x HDD)	
Environmental	Operating Temperature +0°C ~ +40°C (+32°F ~ +104°F)	
Operating Humidity	20% ~ 85%RH	
Dimensions (WxHxD)	440 x 88 x 430mm (17.32" x 3.46" x 16.93")	
Mechanical	Weight (2x Hard Disks) Approx. 7.3Kg (16.09 lb)	
Rack Mount Kit	2ea	
Language	English, Korean, Spanish, French, German, Italian, Portuguese, Polish, Russian, Turkish, Japanese, Czech, Swedish, Danish, Chinese, Netherlands	

Dimensions

Unit : mm (inch)



SRD-1630D/1630/1610D/1610



SRD-830D/830



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.



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.
1480 Charles Willard St. Carson, CA 90746, UNITED STATES
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195
www.samsungcctvusa.com

SAMSUNG TECHWIN EUROPE LTD.
Samsung House, 1000 Hillwood Drive, Hillwood Business Park
Chertsey, Surrey, UNITED KINGDOM KT16 0PS
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.
No.11 Wei 6 Street, Micro-Electronic Industrial Park
Jingang Road, Tianjin, P.R. CHINA 300385
Tel : +86-22-23887788 Fax : +86-22-23887788

■ DISTRIBUTED BY

