



Protect your asset

960H All-In-One Security Kits

SDS-P4042

8 Channel 960H DVR Security System

DVR

- 960H real-time monitoring & recording
- Built-in 500GB hard disk drive (SATA)
- View from anywhere : Android, iPhone, iPad, PC, Mac
- Support network monitoring without LAN cable connection to Router (Wi-Fi ready)

Camera

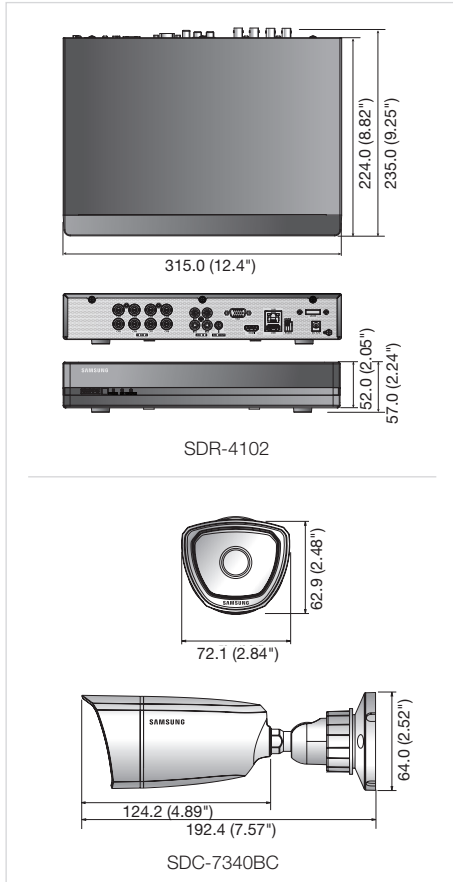
- 720TV lines of high resolution camera (x 4)
- True Day & Night with ICR for perfect color reproduction
- IP66 weather resistant rating
- Night vision up to 82ft





Dimensions

Unit : mm (inch)



Kit Contents

- DVR (SDR-4102)
- Camera (SDC-7340BC) 4pcs
- Remote Control / Battery / Mouse
- Adaptor / Power Cord
- 60ft BNC Camera Cable 4pcs
- CD (Smart Viewer, User Manual)
- Quick Guide / Network Cable
- HDMI Cable / Warranty Card



The **Eco mark** represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

SAMSUNG TECHWIN CO., LTD.

6, Pangyo-ro 319beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, SEOUL 463-400 Rep. of KOREA
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745 www.samsungsecurity.com www.samsungcctv.com
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SAMSUNG TECHWIN AMERICA INC.
100 Challenger Rd. Suite 700 Ridgely Park, NJ 07660
Tel : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124

SAMSUNG TECHWIN EUROPE LTD.
2nd Floor, No. 5 The Heights, Brooklands, Weybridge,
Surrey, KT13 0NY, UK
Tel : +44-1932-82-6700 Fax : +44-1932-82-6701

SHANGHAI SAMSUNG TECHWIN CO., LTD.
32F, Blk B, International Business Center,
No. 391 Guiping Rd., Shanghai, China, 200233
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122

SDR-4102

DISPLAY		
Video	Inputs	8 composite video
	Resolution	NTSC : 960 x 480, 720 x 480 / PAL : 960 x 576, 720 x 576
	Frame Rate	NTSC : 240fps / PAL : 200fps
Live	Resolution	NTSC : 960 x 480 / PAL : 960 x 576
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / Sequence / PIP
PERFORMANCE		
Operating System	Embedded	Linux
	Compression	H.264
Recording	Record Rate	NTSC : Up to 240fps@960 x 480 / PAL : Up to 200fps@960 x 576 NTSC : Up to 240fps@704 x 480 / PAL : Up to 200fps@704 x 576 NTSC : Up to 240fps@704 x 240 / PAL : Up to 200fps@704 x 288 NTSC : Up to 240fps@352 x 240 / PAL : Up to 200fps@352 x 288
	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 (Sensitivity level 1 ~ 10), Tampering
	Overwrite Modes	Stop / Continuous
Search & Playback	Pre-alarm	Off / 5sec
	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, Motion
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward
Network	Transmission Speed	960H / 4CIF / 2CIF / CIF (NTSC : 240fps, PAL : 200fps)
	Bandwidth	Up to 16Mbps, 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps
	Bandwidth Control	Automatic
	Stream	H.264 (4CIF / 2CIF / CIF selectable)
Smart Phone	Max. Remote Users	10 persons (Search up to 3 / Live unicast / Live multicast available)
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, SNMP
	Monitoring	SmartViewer, Webviewer, Mobile Viewer
	Web / App viewer	Supported OS - PC : Windows XP / VISTA / 7 / 8, MAC OS X 10.7 / 10.9 - Mobile : Android OS v.2.3.5, v4.0.3, v4.1.2, 4.2, v4.3 / iOS OS v5.1.1, v6.0, v6.0.2, v6.1, v7.0 Supported Browser - Microsoft Internet Explorer (Ver. 11, 10, 9, 8, 7), Mozilla Firefox (Ver. 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9), Google Chrome (Ver. 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15), Apple Safari (v5.1, v6.1, v7.0) (Mac OS X only - 10.9, 10.8, 10.7)
Storage	Protocol Support	RTP, RTSP, HTTP, CGI
	Max. Remote Users	Live 1
	Internal HDD	Up to 1 SATA HDD (500GB)
Security	External (e-SATA Interface)	Up to 1 e-SATA I/F
	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
Security	Data Authentication	Watermark
	INTERFACE	
Monitors	VGA / HDMI	1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080) / 1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080)
	Simultaneous Output	VGA and HDMI
Audio	Inputs / Output	4CH line in / 1CH line out
	Compression	G.711
Alarm	Remote Notification	Notification via e-mail
	Ethernet	1 RJ-45 10/100 Base-T
Connections	Serial Interface	RS-485
	USB / e-SATA	USB 2.0, 2 ports (Front / Rear) / 1 External SATA port
	Wi-Fi	Optional with Samsung USB WiFi adapter
	Application Support	Mouse, Remote controller
Connections	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, VICON, GE
	GENERAL	
Electrical	Input Voltage / Current	12V DC adaptor, 100 ~ 240V AC \pm 10%, 50/60Hz
	Power Consumption	Max. 36W (With 1x HDD)
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH
	Dimensions (WxHxD)	315.0 x 52.0 x 224.0mm (12.4" x 2.05" x 8.82")
Mechanical	Weight (With hard disks)	Approx. 1.56kg (3.44 lb)
	Language	English, Korean, Chinese (Simplified/Traditional), Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese (South American), Romanian, Russian, Serbian, Spanish (European), Swedish, Thai, Turkish

SDC-7340BCN

VIDEO		
Imaging Device / Effective Pixels		1/3" 960H CMOS / 976(H) x 494(V)
Scanning System		Interlace
Frequency		H : 15.734KHz / V : 59.94Hz
Horizontal Resolution / Min. Illumination		720TV lines / Color : 7Lux, B/W : 0Lux (IR LED on)
S / N Ratio		46dB
Min. Cable Length		60ft included
LENS		
Focal Length		3.8mm
Max. Aperture Ratio		F2.0
Angular Field of View		H : 75° / V : 66° / D : 80°
OPERATIONAL		
Shutter Mode / Gain Control		Auto (Rolling shutter) / Auto
White Balance		Auto (1,800°K ~ 10,500°K)
Digital Noise Reduction		Auto
Day & Night / IR Distance (850nm)		Mechanical : Auto (ICR) / 25m (82ft)
ENVIRONMENTAL		
Operating Temperature / Humidity		-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 85%RH
White Balance		-20°C ~ +60°C (+4°F ~ +140°F) / 20% ~ 85%RH
Ingress Protection		IP66 grade
ELECTRICAL		
Input Voltage / Power Consumption		12V DC / Max. 3W
MECHANICAL		
Color / Material		White gray / Plastic (Poly carbonite)
Dimensions (WxHxD) / Weight		72.1 x 62.9 x 192.4mm (2.84" x 2.48" x 7.57") / 252g (0.56 lb)

Design and specifications are subject to change without notice.



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