

Protect your asset

HD All-In-One Security Video System

SDH-C5100

16 Channel HD DVR Security System

DVR

- 16CH high definition 720p Real-time recording
- 2TB surveillance class hard drive
- PC and Mac compatible
- Free Android and iOS app for remote viewing
- Backwards compatible with standard analog cameras
- Supports optional Samsung USB WiFi adapter

Camera

- 10 high definition 720p outdoor bullet cameras
- Wide angle field of view (100° diagonal)
- True Day & Night with ICR for perfect color reproduction
- IP66 weather resistant
- Night vision up to 82ft (25m)
- Compact discreet design



SDH-C5100



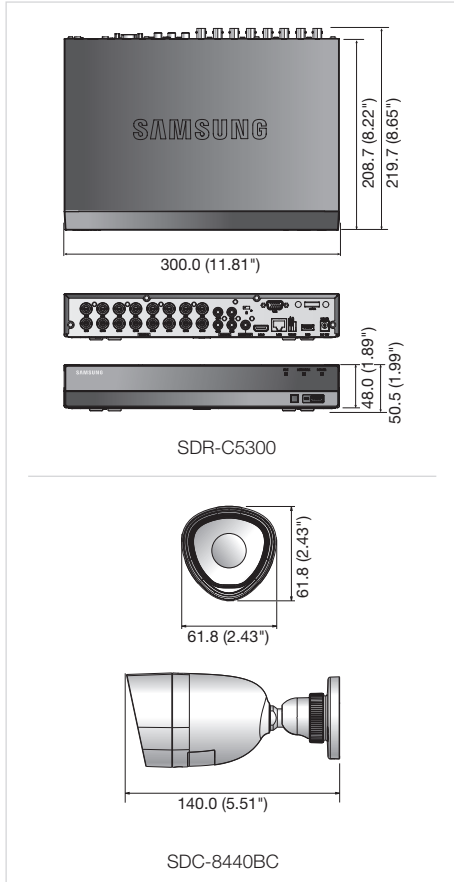
SDR-C5300



SDC-8440BC

Dimensions

Unit : mm (inch)



	SDR-C5300N	SDR-C5300P	
DISPLAY			
Video	Inputs	16CH BNC	
	Resolution	1280 x 720 (HD) / 960 x 480 (WD1)	1280 x 720 (HD) / 960 x 576 (WD1)
Live	Frame Rate	480fps@1280 x 720 (HD) / 480fps@960 x 480 (WD1)	480fps@1280 x 720 (HD) / 480fps@960 x 576 (WD1)
	Resolution	1280 x 720 (HD) / 960 x 480 (WD1)	1280 x 720 (HD) / 960 x 576 (WD1)
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	Up to 480fps@1280 x 720 Up to 480fps@960 x 480 Up to 480fps@720 x 480	Up to 400fps@1280 x 720 Up to 400fps@960 x 576 Up to 400fps@704 x 576
	Mode	Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 30fps)	
	Event	Video loss, Motion (Sensitivity level 1 ~ 10), Tampering	
	Overwrite Modes	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 & Playback	Search Mode	Date/Time, Event, Back up, Motion (*All search included preview function)	
	Playback Function	Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward plays with I-frame only Slow forward / backward (1/2x, 1/4x, 1/8x) Step forward / backward *Backward play with I-frame only	
Network	Transmission Speed	4CIF 120fps / 2CIF 240fps / CIF 480fps	4CIF 100fps / 2CIF 200fps / CIF 400fps
	Bandwidth / Bandwidth Control	Up to 32Mbps / Selectable	
	Live Stream	H.264 (4CIF / 2CIF / CIF selectable)	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
Protocol Support	TCP/IP, UDP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, TSP, UPnP		
	Monitoring	SmartViewer, Webviewer, Mobile Viewer	
Smart Phone	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, v8.0 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 version 10.7 and higher	
	Protocol Support	RTP, RTSP, HTTP, CGI	
	Transmission Speed	4CIF Max. 4fps (Single channel) / 4CIF Max. 16fps (Quad channel) / CIF Max. 30fps (Single channel)	
	Max. Remote Users	Live 2 / Search 1	
Storage	Internal HDD	1 SATA HDD (2TB)	
	External (e-SATA Interface)	1 e-SATA I/F (Up to 2TB)	
	USB (Back up)	2 USB ports	
	File Format (Back up)	BU (DVR player), EXE (Include player), AVI	
Security	Password Protection	1 Admin, 10 Group, 10 User per 1 group	
	Data Authentication	Digital watermark	
INTERFACE			
Monitors	VGA / HDMI	1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080) 60Hz / 1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080) 60Hz	
Audio	Inputs / Output	4CH line in / 1CH line out	
Compression	G.711, 8KHz		
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) / e-SATA 3.0	
	Wi-Fi	With optional Samsung WiFi USB adapter	
	Application Support	Mouse, Remote controller	
Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, VICON, GE		
GENERAL			
Electrical	Input Voltage / Current	12V DC adaptor, 100 ~ 250V AC, 50/60Hz	
Power Consumption	Max. 47W		
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH	
	Dimensions (WxHxD)	300.0 x 48.0 x 208.7mm (11.81" x 1.89" x 8.22")	
Mechanical	Weight (With hard disks)	1.79Kg (3.95 lb)	
	Language	Korean, Japanese, Chinese (Simplified), English, French, German, Spanish (European), Italian, Russian, Polish, Czech, Turkish, Dutch, Portuguese (South American), Swedish, Danish, Thai, Romanian, Serbian, Croatian, Hungarian, Greek, Chinese (Traditional), Finnish, Norwegian (25 Language)	
KIT PACKAGE			
Dimensions (WxHxD)	445.0 x 299.0 x 348.0mm (17.52" x 11.77" x 13.7")		
Weight	10.5Kg (23.15 lb)		

SDC-8440BC

VIDEO		
Imaging Device / Effective Pixels	1/3" 1M CMOS / 1280(H) x 960(V)	
Scanning System	Progressive, 30fps (NTSC) / 25fps (PAL)	
Synchronization / Min. Illumination	Internal / 0Lux (IR LED on)	
Camera Output	1CH BNC, Maximum Transmission Length : 300m (75Ω 3C2V)	
Min. Cable Length	60ft (18.3m) included	
LENS		
Focal Length / Max. Aperture Ratio	3.6mm / F1.8	
Angular Field of View	H : 78° / V : 62.5° / D : 100°	
OPERATIONAL		
Shutter Mode / Gain Control	Auto (Rolling shutter) / Auto	
White Balance / Digital Noise Reduction	Auto (1,800°K ~ 10,500°K) / 3D DNR	
Flickerless / Day & Night	Auto / True Day & Nigh (ICR)	
IR Distance (850nm)	25m (82ft)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / Less than 90% RH	
Ingress Protection	IP66	
ELECTRICAL		
Input Voltage / Power Consumption	12V DC / Max. 4W	
MECHANICAL		
Color / Material	White / Plastic (Body), Metal (Mount)	
Dimensions (WxHxD) / Weight	61.8 x 61.8 x 140.0mm (2.43" x 2.43" x 5.51") / 194g (0.43 lb)	

Design and specifications are subject to change without notice.

Kit Contents

- DVR (SDR-C5300)
- Camera (SDC-8440BC) 10pcs
- Remote Control / Battery / Mouse
- Adapter / Power Cord
- 60ft BNC Cable 8pcs, 90ft BNC Cable 2pcs
- CD (Smart Viewer, User Manual)
- Quick Start Guide / Network Cable
- HDMI Cable



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 : +82-70-7147-8753, 8764 Fax : +82-31-8018-3740 www.samsungsecurity.com www.samsungcctv.com
COPYRIGHT BY SAMSUNG TECHWIN. ALL RIGHT RESERVED

SAMSUNG TECHWIN AMERICA Inc.
100 Challenger Rd. Suite 700 Ridgefield Park, NJ 07660
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920
Fax : +1-201-373-0124
www.samsung-security.com

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
www.samsungsecurity.co.uk

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



SAMSUNG TECHWIN