



SAMSUNG TECHWIN

# Protect your asset

## 960H All-In-One Security Kit

# SDS-P3042

## 4 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)

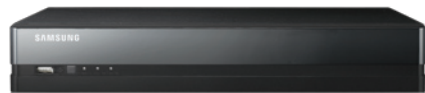
### Camera

- 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 (25m)

\* SDC-7340BCN : 720TV lines / SDC-7340BCP : 700TV lines



## SDS-P3042



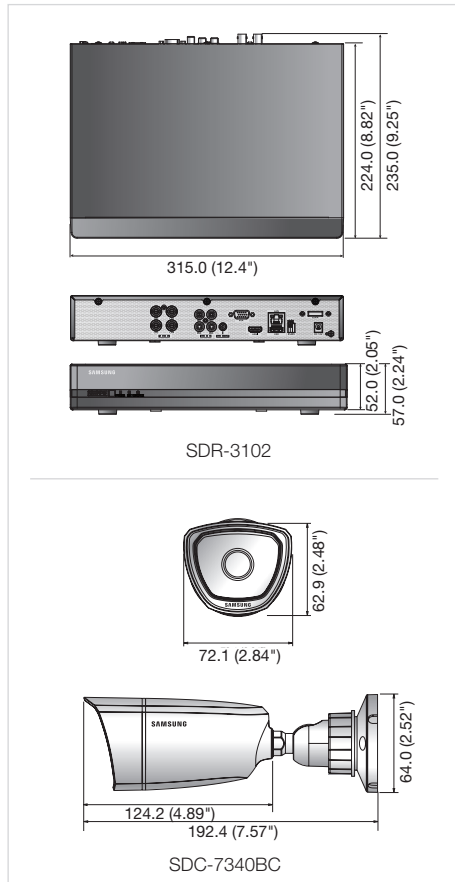
SDR-3102



SDC-7340BC

## Dimensions

Unit : mm (inch)



## Kit Contents

- DVR (SDR-3102)
- Camera (SDC-7340BC) 4pcs
- Remote Control / Battery / Mouse
- Adapter / Power Cord
- 60ft BNC Camera Cable 4pcs
- CD (Smart Viewer, User Manual)
- Quick Guide / Network Cable
- HDMI Cable

		SDR-3102N	SDR-3102P
<b>DISPLAY</b>			
Video	Inputs	4 composite video	
	Resolution	960 x 480, 720 x 480	960 x 576, 720 x 576
	Frame Rate	120fps	100fps
Live	Resolution	960 x 480	960 x 576
	Multi Screen Display	1 / 4 / Sequence / PIP	
<b>PERFORMANCE</b>			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	Up to 120fps@960 x 480 Up to 120fps@704 x 480 Up to 120fps@704 x 240 Up to 120fps@352 x 240	Up to 100fps@960 x 576 Up to 100fps@704 x 576 Up to 100fps@704 x 288 Up to 100fps@352 x 288
	Mode	Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1~30 fps)	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 (120fps)	960H / 4CIF / 2CIF / CIF (100fps)
	Bandwidth	Up to 8Mbps, 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps	
	Bandwidth Control	Automatic	
	Live 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 v2.3.5, 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	1 SATA HDD (500GB)	
Security	External (e-SATA Interface)	1 e-SATA I/F	
	USB (Back up)	2 USB ports (1 front / 1 Back)	
	File Format (Back up)	BU (DVR player), EXE (Include player), AVI	
INTERFACE	Password Protection	1 Admin, 10 Group, 10 User per 1 group	
	Data Authentication	Watermark	
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	
GENERAL	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, VICON, GE	
	Input Voltage / Current	12V DC adaptor, 100 ~ 240V AC ±10%, 50/60Hz	
Electrical	Power Consumption	Max. 10W (With 1x HDD)	
	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH	
Mechanical	Dimensions (WxHxD)	315.0 x 52.0 x 224.0mm (12.4" x 2.05" x 8.82")	
	Weight (With hard disks)	Approx. 1.53kg (3.37 lb)	
Language	Weight	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)	
		SDC-7340BCN	SDC-7340BCP
<b>VIDEO</b>			
Imaging Device	Imaging Device	1/3" 960H CMOS	
	Effective Pixels	976(H) x 494(V)	976(H) x 582(V)
Scanning System	Scanning System	Interlace	
	Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Horizontal Resolution	720TV lines	
	Min. Illumination	Color : 7Lux, B/W : 0Lux (IR LED on)	
S / N Ratio	S / N Ratio	46dB	
	Min. Cable Length	60ft (18.3m) included	
<b>LENS</b>			
Focal Length / Max. Aperture Ratio	Focal Length / Max. Aperture Ratio	3.8mm / F2.0	
	Angular Field of View	H : 60° / V : 48° / D : 72°	
<b>OPERATIONAL</b>			
Shutter Mode / Gain Control	Shutter Mode / Gain Control	Auto (Rolling shutter) / Auto	
	White Balance / Digital Noise Reduction	Auto (1,800°K ~ 10,500°K) / Auto	
Day & Night / IR Distance (850nm)	Day & Night / IR Distance (850nm)	Mechanical : Auto (ICR) / 82ft (25m)	
<b>ENVIRONMENTAL</b>			
Operating Temperature / Humidity	Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 85%RH	
	Storage Temperature / Humidity	-20°C ~ +60°C (+4°F ~ +140°F) / 20% ~ 85%RH	
Ingress Protection	Ingress Protection	IP66 grade	
<b>ELECTRICAL</b>			
Input Voltage / Power Consumption	Input Voltage / Power Consumption	12V DC / Max. 3W	
<b>MECHANICAL</b>			
Color / Material	Color / Material	White, Silver gray / Plastic (Poly carbonite)	
	Dimensions (WxHxD) / Weight	72.1 x 62.9 x 192.4mm (2.84" x 2.48" x 7.57") / 252g (0.55 lb)	

Design and specifications are subject to change without notice.



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 Ridgeland Park, NJ 07660  
Toll Free : +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, Bk B, International Business Center,  
No. 391 Guiping Rd., Shanghai, China, 200233  
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



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