



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

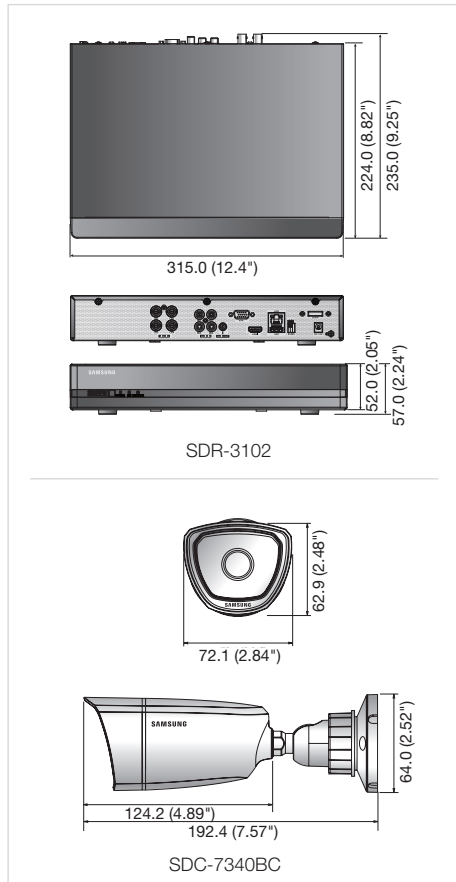


SDS-P3042



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
DISPLAY			
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	
PERFORMANCE			
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	
Search & Playback	Overwrite Modes	Stop / Continuous	
	Pre-alarm	Off / 5sec	
	Post-alarm	Up to 6hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
Network	Search Mode	Date/Time, Event, Back up, Motion	
	Playback Function	Fast forward / backward, Slow forward / backward, Step forward / backward	
	Transmission Speed	960H / 4CIF / 2CIF / CIF (120fps)	960H / 4CIF / 2CIF / CIF (100fps)
Smart Phone	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)	
Storage	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	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	
	Protocol Support	RTP, RTSP, HTTP, CGI	
	Max. Remote Users	Live 1	
Security	Internal HDD	1 SATA HDD (500GB)	
	External (e-SATA Interface)	1 e-SATA I/F	
	USB (Back up)	2 USB ports (1 front / 1 Back)	
INTERFACE	File Format (Back up)	BU (DVR player), EXE (Include player), AVI	
	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	
	Inputs / Output	4CH line in / 1CH line out	
Audio	Compression	G.711	
	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	
GENERAL	Application Support	Mouse, Remote controller	
	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, VICON, GE	
	Input Voltage / Current	12V DC adaptor, 100 ~ 240V AC \pm 10%, 50/60Hz	
Environmental	Power Consumption	Max. 10W (With 1x HDD)	
	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. 1.53kg (3.37 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)	
		SDC-7340BCN	SDC-7340BCP
VIDEO			
Imaging Device	1/3" 960H CMOS		
Effective Pixels	976(H) x 494(V)	976(H) x 582(V)	
Scanning System	Interlace		
Frequency	H : 15.734KHz / V : 59.94Hz		H : 15.625KHz / V : 50Hz
Horizontal Resolution	720TV lines		
Min. Illumination	Color : 7Lux, B/W : 0Lux (IR LED on)		
S / N Ratio	46dB		
Min. Cable Length	60ft (18.3m) included		
LENS			
Focal Length / Max. Aperture Ratio	3.8mm / F2.0		
Angular Field of View	H : 60° / V : 48° / D : 72°		
OPERATIONAL			
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)	Mechanical : Auto (ICR) / 82ft (25m)		
ENVIRONMENTAL			
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	IP66 grade		
ELECTRICAL			
Input Voltage / Power Consumption	12V DC / Max. 3W		
MECHANICAL			
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.

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