

Protect your asset

HD All-In-One Security Video System

SDH-B3020

4 Channel HD DVR Security System

DVR

- 4CH high definition 720p real-time Recording
- 1TB 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

- 2 high definition 720p outdoor bullet cameras
- Wide angle field of view (100° diagonal)
- 3-Dimensional noise reduction for clear video quality at low light conditions
- True Day & Night with ICR for perfect color reproduction
- IP66 weather resistant
- Night vision up to 82ft (25m)



SDH-B3020



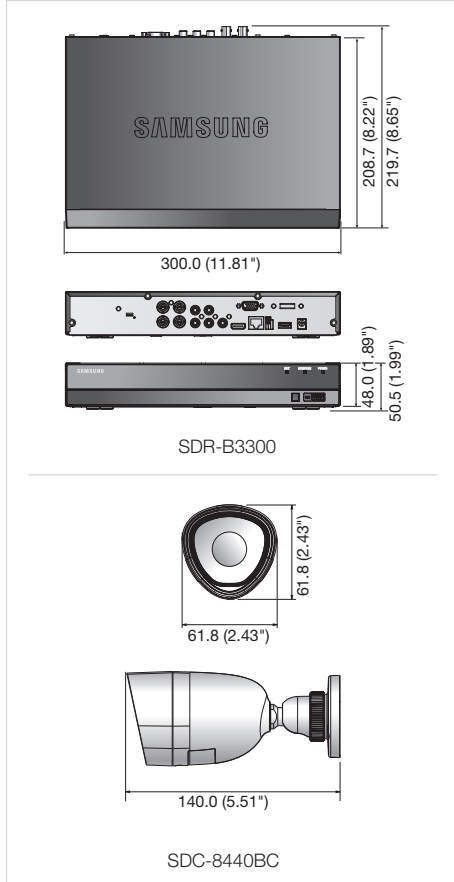
SDR-B3300



SDC-8440BC

Dimensions

Unit : mm (inch)



SDR-B3300

SDC-8440BC

Kit Contents

- DVR (SDR-B3300)
- Camera (SDC-8440BC) 2pcs
- Remote Control / Batteries (AAA x 2pcs)
- Mouse / Adapter / Power Cord
- 60ft BNC Cable 2pcs
- CD (Smart Viewer, User Manual)
- Quick Start Guide / Network Cable
- HDMI Cable (2m, 6.5ft)

	SDR-B3300N	SDR-B3300P	
DISPLAY			
Video	Inputs	4CH BNC	
	Resolution	1280 x 720 (HD) / 960 x 480 (WD1)	1280 x 720 (HD) / 960 x 576 (WD1)
	Frame Rate	120fps@1280 x 720 (HD) / 120fps@960 x 480 (WD1)	120fps@1280 x 720 (HD) / 120fps@960 x 576 (WD1)
Live	Resolution	1280 x 720 (HD) / 960 x 480 (WD1)	1280 x 720 (HD) / 960 x 576 (WD1)
	Multi Screen Display	1 / 4 / Sequence / PIP	
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264, MJPEG	
Recording	Record Rate	Up to 120fps@1280 x 720 Up to 120fps@960 x 480 Up to 120fps@720 x 480	Up to 100fps@1280 x 720 Up to 100fps@960 x 576 Up to 100fps@704 x 576
	Mode	Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 30fps)	
	Event	Video loss, Motion (Sensitivity level 1 ~ 10), Tampering	
Search & Playback	Overwrite Modes	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)	
Search Mode	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 120fps / CIF 120fps	4CIF 100fps / 2CIF 100fps / CIF 100fps
	Bandwidth	Up to 32Mbps / Selectable	
	Stream	H.264 (4CIF / 2CIF / CIF selectable)	
Smartphone	Max. Remote Users	20	
	Protocol Support	10/100/1000T, DHCP, PPPoE, SMTP, NTP, HTTP, DNS, RTP, TSP, UPnP	
	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, 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)	
	Protocol Support	RTP, RTSP, HTTP, CGI	
Storage	Transmission Speed	4CIF Max. 4fps (Single channel) / 4CIF Max. 16fps (Quad channel) / CIF Max. 30fps (Single channel)	
	Max. Remote Users	Live 2 / Search 1	
	Internal HDD	1 e-SATA I/F (Up to 2TB)	
Security	External (e-SATA Interface)	Up to 1 e-SATA I/F	
	USB (Back up)	2 USB ports	
	File Format (Back up)	BU (DVR player), SEC (Includes player), AVI	
INTERFACE	Password Protection	1 Admin, 10 Group, 10 User per 1 group	
	Data Authentication	Digital Watermark	
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	
	Simultaneous Output	VGA and HDMI	
Audio	Inputs / Output	4CH line in / 1CH line out	
	Compression	G.711, 8KHz	
Alarm	Remote Notification	Notification via Email	
	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 2.0	
	Wi-Fi	Optional with Samsung USB WiFi adapter	
GENERAL	Application Support	Mouse, Remote controller	
	Protocol Support	Samsung-I/E, Pelco-D/P, Panasonic, Phillips, AD, Vicom, GE	
Electrical	Input Voltage / Current	12V DC adapter, 100 ~ 250V AC, 50/60Hz	
	Power Consumption	Max. 24W	
Environmental	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH	
	Dimensions	300.0 x 48.0 x 208.7mm (11.81" x 1.89" x 8.22")	
Mechanical	Weight (With hard disks)	1.44kg (3.17 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	
KIT PACKAGE			
Dimensions (WxHxD)	360.0 x 204.0 x 307.0mm (14.17" x 8.03" x 12.09")		
Weight	4.1Kg (9.04 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/Night with 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 grade		
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.



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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