



SAMSUNG TECHWIN

Protect your asset

HD All-In-One Security Video System

SDH-B3040

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-B3040



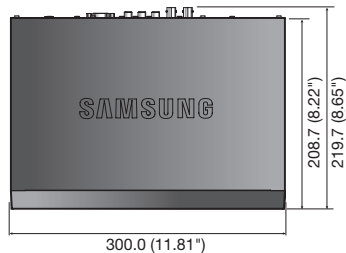
SDR-B3300



SDC-8440BC

Dimensions

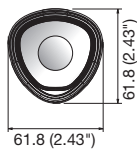
Unit : mm (inch)



300.0 (11.81")

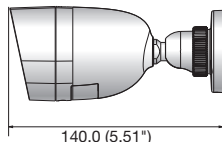
208.7 (8.22")
219.7 (8.65")48.0 (1.89")
50.5 (1.99")

SDR-B3300



61.8 (2.43")

61.8 (2.43")



140.0 (5.51")

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)
	Frame Rate	120fps@1280 x 720 (HD) / 120fps@960 x 480 (WD1)
Live	Resolution	1280 x 720 (HD) / 960 x 480 (WD1)
	Multi Screen Display	1280 x 720 (HD) / 960 x 576 (WD1)
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
	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 Mode	Date/Time, Event, Back up, Motion (*All search included preview function)
Network	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
	Transmission Speed	4CIF 120fps / 2CIF 120fps / CIF 120fps
	Bandwidth	Up to 32Mbps / Selectable
	Stream	H.264 (4CIF / 2CIF / CIF selectable)
Smartphone	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
	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, 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
Storage	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
	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
GENERAL		
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
	Application Support	Mouse, Remote controller
Kit Package		
Dimensions (WxHxD)		445.0 x 207.0 x 307.0mm (17.52" x 8.15" x 12.09")
Weight		5.36Kg (11.81 lb)

SDC-8440BC

VIDEO	
Imaging Device / Effective Pixels	1/3" 1M CMOS / 1280(H) x 960(V)
Synchronization 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 Technwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

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