



SAMSUNG TECHWIN

Full HD CCTV Redefined for your safety

1080p HDTV Hybrid All-In-One Security Kit

SDH-P4041

8 Channel 1080p HDTV Hybrid DVR Security System

DVR

- Full HD (4CH) & SD (4CH) hybrid DVR
- 1080p & 720p real-time recording
- 960H (WD1) real-time recording support
- Auto port forwarding with quick connect technology
- HDMI outputs for convenient connection to HDTVs or monitors

Camera

- 1080p Full HD resolution camera (x 4)
- True Day & Night with ICR for perfect color reproduction
- IP66 weather resistant
- Samsung Super Dynamic Range feature to increase the brightness of the dark area (SSDR)
- Night vision up to 98ft (30m)



SDH-P4041



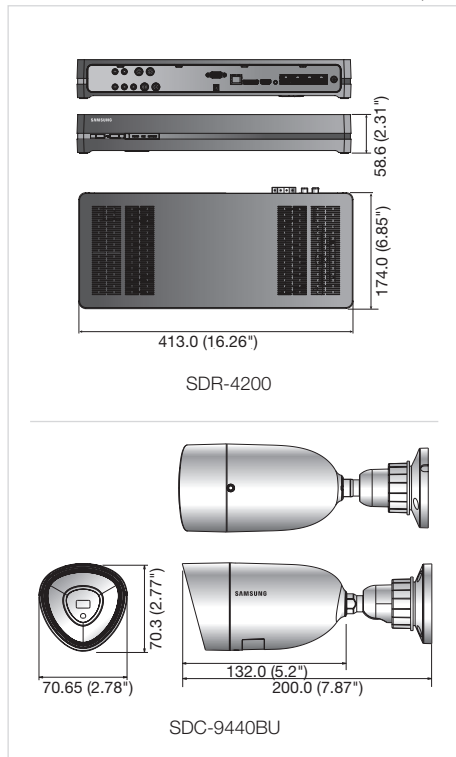
SDR-4200



SDC-9440BU

Dimensions

Unit : mm (inch)



Kit Contents

- DVR (SDR-4200)
- Camera (SDC-9440BU) 4pcs
- Remote Control / Battery (Optional) / Mouse
- Adapter / Power Cord
- 60ft CAT5E UTP Camera Cable 4pcs
- CD (Smart Viewer, User Manual)
- Quick Guide / Network Cable
- HDMI Cable

		SDR-4200N	SDR-4200P
DISPLAY			
Video	Inputs	4CH UTP, 4CH BNC (Composite)	
	Resolution	1920 x 1080 (Full HD) / 960 x 480 (SD)	1920 x 1080 (Full HD) / 960 x 576 (SD)
Live	Frame Rate	120fps@1920 x 1080 + 120fps@960 x 480	100fps@1920 x 1080 + 100fps@960 x 576
	Resolution	1920 x 1080 (Full HD) / 960 x 480 (SD)	1920 x 1080 (Full HD) / 960 x 576 (SD)
	Multi Screen Display	1 / 4 / 7 / 9 / Sequence / PIP	
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	Up to 120fps@1920 x 1080 + 120fps@960 x 480	Up to 100fps@1920 x 1080 + 100fps@960 x 576
	Mode	Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 30fps)	Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (1 ~ 25fps)
	Event	Video loss, Motion (Sensitivity Level 1 ~ 10), Tampering	
	Overwrite Modes	Continuous	
	Pre-alarm	Off / 5sec	
Search & Playback	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 prview function)	
Network	Playback Function	Fast forward / backward (2x, 4x, 8x, 16x, 32x, 64x) *Backward play 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 240fps / CIF 480fps	4CIF 100fps / 2CIF 200fps / CIF 400fps
Network	Bandwidth	Up to 32Mbps	
	Bandwidth Control	Selectable	
	Live Stream	H.264 (4CIF / 2CIF / CIF selectable)	
	Max. Remote Users	Search 3 / Live unicast 10 / Live multicast 20	
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP, UPnP	
Smart Phone	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 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)	
	Protocol Support	RTP, RTSP, HTTP, CGI	
	Transmission Speed	CIF max. 16fps (Single channel) / CIF max. 4fps (Quad channel)	
	Max. Remote Users	Live 1	
Storage	Internal HDD	1 SATA HDD (2TB)	
	External HDD / DVD Writer	1 e-SATA I/F (Up to 2TB)	
	USB (Back up)	2 USB ports	
	File Format (Back up)	BU (DVR player), EXE (Includes player)	
Security	Password Protection	1 Admin, 10 Group, 10 User per 1group	
	Data Authentication	Watermark	
INTERFACE			
Monitors	VGA	1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080) 60Hz	1 VGA (1280 x 720, 1280 x 1024, 1920 x 1080) 50Hz
	HDMI	1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080) 60Hz	1 HDMI (1280 x 720, 1280 x 1024, 1920 x 1080) 50Hz
Audio	Simultaneous Output	VGA and HDMI	
	Inputs / Output	4CH line in / 1CH line out	
Alarm	Compression / Sampling Rate	G.711 / 8KHz	
	Remote Notification	Notification via e-mail	
Connections	Ethernet / Serial interface	1 RJ-45 10/100Mbps Base-T / RS-485	
	USB / e-SATA	USB 2.0, 2 ports (Front) / e-SATA 3.0	
	Application Support	Mouse, Remote control	
	Protocol Support (RS-485)	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, Vicon, GE	
GENERAL			
Electrical	Input Voltage / Current	12V DC adaptor, 4A, 100 ~ 250V AC, 50/60Hz	
	Power Consumption	Max. 40W (With 1x HDD + HD CAM 4ea)	
Environmental	Operating Temperature / Humidity	0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85%RH	
	Dimensions (WxHxD)	413.0 x 58.6 x 174.0mm (16.26" x 2.31" x 6.85")	
Mechanical	Weight (With hard disks)	1.52Kg (3.35 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-9440BU	
VIDEO			
Imaging Device / Effective Pixels		1/2.9" 2M CMOS / 1920 x 1080 (1080p) or higher	
Scanning System / Synchronization		Progressive / Internal	
Min. Illumination		0Lux (IR LED)	
UTP Output		Built-in UTP TX, Maximum transmission length : 100m (UTP CAT5e, Solid wire), 50m (UTP CAT5e, Stranded wire)	
Camera Connection Time		5 ~ 10sec	
Min. Cable Length		60ft (18.3m) included	
LENS			
Focal Length / Max. Aperture Ratio		3.6mm / F1.8	
Angular Field of View		H : 87.92° / V : 47.66° / D : 103.1°	
OPERATIONAL			
Shutter Mode / Gain Control		Auto (Rolling shutter) / Auto	
White Balance		Auto (1,800°K ~ 10,500°K)	
Contrast Enhancement		SSDR (On)	
Digital Noise Reduction		SSNR III (On)	
Day & Night / IR Distance (850nm)		True Day & Night (ICR) / 98ft (30m)	
ENVIRONMENTAL			
Operating Temperature / Humidity		-10°C ~ +50°C (+14°F ~ +122°F) / 85%RH	
Ingress Protection		IP66 grade	
ELECTRICAL			
Input Voltage / Power Consumption		12V DC (by PoE) / Max. 4W	
MECHANICAL			
Color / Material		White, Silver gray / Plastic (Poly carbonite)	
Dimensions (WxHxD)		70.65 x 70.3 x 200.0mm (2.78" x 2.77" x 7.87")	
Weight		255g (0.56 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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