

SAMSUNG

For your safety

All-In-One Security Kits



16 Channel H.264 DVR with 8 Night Vision Cameras

SDE-5003

- 16CH real time DVR with built-in 1TB HDD (SATA)
- Free DDNS service for on the go remote monitoring
- 8 ea of IP65 weather proof night vision (15m) camera
- Simple user interface for quick setup
- Remote web viewer/mobile phone viewer support

8 Channel H.264 DVR with 4 Night Vision Cameras

SDE-5003

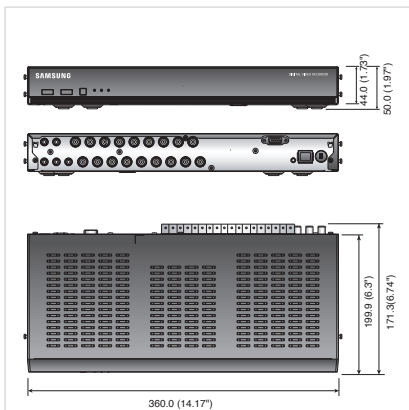
Specifications

SDE-5003		
ITEM		
Video	Inputs	16 composite video 0.5-1 Vpp, 75 ohm
	Resolution	704x480 NTSC, 704x576 PAL
	Frame Rate	480fps NTSC, 400fps PAL
Live	Resolution	704x480 NTSC, 704x576 PAL
	Multi Screen Display	1/4/6/8/9/SEQUENCE/PIP
PERFORMANCE		
Operating System	Embedded Compression	Linux H.264
	Record Rate	NTSC: Up to 120fps @ 704x240 / PAL: Up to 100ips @ 704x288 NTSC: Up to 240fps @ 352x240 / PAL: Up to 200ips @ 352x288 NTSC: Up to 480fps @ 352x240 / PAL: Up to 400ips @ 352x288
Recording	Mode	NTSC: Manual, Schedule, Event, Time Laps PAL: Manual, Schedule (Continuous/Event), Event(Pre/Post)
	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 & Playback	Playback Function	Fast Forward/Backward (x2,x4,x8,x16,x32,x64) *Backward Play with I-frame Only, Slow Forward/Backward (x1/2,x1/4,x1/8) Step Forward/Backward (x2, x4,x8,x16,x32,x64) *Backward Play with I-frame Only CIF 100/120fps
Network	Transmission Speed	Up to 4)Mbps, 4 / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps
	Bandwidth	Automatic
	Stream	H.264 (CIF)
	Protocol Support	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP
	Monitoring	Smart viewer, Webviewer, Mobile Viewer
	Smart Phone	Android, I-phone (IPad included)
	Protocol support	RTSP,RTSP:HTTP,CGI
	Transmission speed	CIF Max 15fps(Single Channel)/ CIF Max 2fps(Quad Channel)
	Remote users	Live(1)
Storage	Internal HDD	1TB SATA HDD
	DVD Writer (Back-up)	Not Support
	USB (Back up)	2 USB ports
	File Format (Back up)	BU (DVR Player), EXE (Includes Player)
	Password Protection	1 Admin, 10 Group , 10 User per 1 Group
Security	Data Authentication	Watermark
INTERFACE		
Monitors	VGA	Analog RGB 1024x768 resolution(BNC or VGA selected in booting.)
	Main Composite	BNC, 1 Vp-p, 75 ohm
	Spot Composite	Analog Spot (1 BNC, 1 Vp-p, 75 ohm)
	Loop Outputs	Not Support
Audio	Inputs / Output	4 line in / 1 line out
	Compression	G.711
	Sampling Rate	8KHz
Alarm	Remote Notification	Notification via e-mail
Connections	Ethernet	1 RJ45 10/100 Base-T
	USB	USB 2.0, 2 ports (Front / Rear)
	Application Support	Mouse(1EA), Remote Controller
GENERAL		
Electrical	Input Voltage / Current	DC12V Adaptor,4A,100~250VAC, 50~60Hz, 48watt
	Power Consumption	MAX.36 W (with 1X HDD)
Environmental	Operating Temperature / Humidity	0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85%RH
Mechanical (Set)	Dimensions (WxHxD)	360 X 44 X 160mm (14.17" x 1.73" x 6.30")
	Weight (With hard disks)	TBD
Language		English, Spanish, French, German, Italian, Polish, Portuguese, Russian,Turkish, Japanese, Czech, Swedish, Danish, Korean, Chinese, Netherland, Thai, Romanian, Serbian, Croatian, Hungarian, Greek

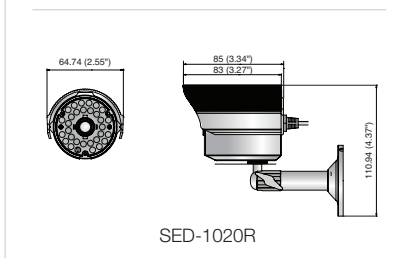


Dimensions

Unit : mm (inch)



SDE-5003



SED-1020R

Item	SEB-1020RN	SEB-1020RP
ELECTRICAL		
Input Voltage	DC 12V	
Power Consumption	3W	
VIDEO		
Imaging Device	1/4" OV7950 Color CMOS	
Total Pixels	649H x 583V	
Scanning System	Interface	
Synchronization	Internal	
Frequency	H: 15,734 Hz V: 59,94 Hz	H: 15,625 Hz V: 50 Hz
Horizontal Resolution	480TVL	
Min. Illumination	OLux (IR-LED)	
S/N Ratio (Y Signal)	46dB	
LENS		
Focal Length	3.6mm	
Max.Aperture Ratio	2	
Angular Field of View	H : 67°, V : 53°	
OPERATIONAL		
Shutter Mode	Auto (Rolling Shutter)	
Gain Control	Auto	
White Balance	Auto (3200°K ~ 6500°K)	
Digital Noise Reduction	Auto	
Day & Night	Auto	
IR Distance	15m	
ENVIRONMENTAL		
Operating Temperature/Humidity	0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85%RH	
MECHANICAL		
Dimension (W x H x D)	150 x 83 x 73 mm	
Weight	300g (0.66 lb)	



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



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