

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

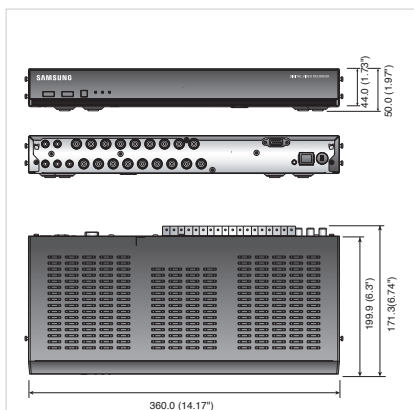
Specifications

SDE-5003		
ITEM		
Video	Inputs Resolution Frame Rate	16 composite video 0.5-1 Vpp, 75 ohm 704x480 NTSC, 704x576 PAL 480fps NTSC, 400fps PAL
Live	Resolution Multi Screen Display	704x480 NTSC, 704x576 PAL 1/4/6/8/9/SEQUENCE/PIP
PERFORMANCE		
Operating System	Embedded Compression	Linux H.264
Recording	Record Rate Mode Overwrite Modes Pre-alarm Post-alarm Search Mode	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 NTSC: Manual, Schedule, Event, Time Laps PAL: Manual, Schedule (Continuous/Event), Event(Pre/Post) Continuous Off/5sec Up to 6hour (5, 10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)
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 Bandwidth Bandwidth Control Stream Protocol Support Monitoring Smart Phone	Up to 4)Mbps, 4 / 2 / 1.5 / 1 Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50 kbps Automatic H.264 (CIF) TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP Smart viewer, Webviewer, Mobile Viewer Android, I-phone (IPad included) RTP/RTSP/HTTP/CGI
Smart Phone	Transmission speed Remote users Maximum Internal HDD	CIF Max 15fps(Single Channel)/ CIF Max 2fps(Quad Channel) Live(1) 1TB SATA HDD
Storage	DVD Writer (Back-up) USB (Back up) File Format (Back up) Password Protection Data Authentication	Not Support 2 USB ports BU (DVR Player), EXE (Includes Player) 1 Admin, 10 Group, 10 User per 1 Group Watermark
Security		
INTERFACE	VGA Main Composite Spot Composite Loop Outputs	Analog RGB 1024x768 resolution(BNC or VGA selected in booting.) BNC, 1 Vp-p, 75 ohm Analog Spot (1 BNC, 1 Vp-p, 75 ohm) Not Support
Monitors	Inputs / Output Compression Sampling Rate	4 line in / 1 line out G.711 8KHz
Audio	Remote Notification Ethernet USB Application Support	Notification via e-mail 1 RJ45 10/100 Base-T USB 2.0, 2 ports (Front / Rear) Mouse(1EA), Remote Controller
Alarm		
Connections		
GENERAL		
Electrical	Input Voltage / Current Power Consumption	DC12V Adaptor,4A,100~250VAC, 50~60Hz, 48watt 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) Weight (With hard disks)	360 X 44 X 160mm (14.17" x 1.73" x 6.30") TBD
Language		English, Spanish, French, German, Italian, Polish, Portuguese, Russian,Turkish, Japanese, Czech, Swedish, Danish, Korean, Chinese, Netherland, Thai, Romanian, Serbian, Croatian, Hungarian, Greek

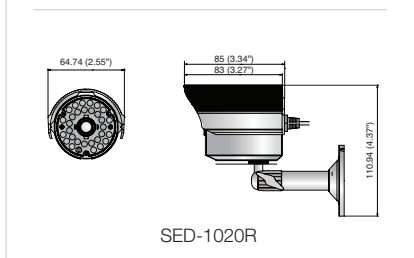


Dimensions

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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